

-- AGENDA --

REGULAR MEETING OF THE WEST BRANCH CITY COUNCIL TO BE  
HELD IN THE COUNCIL CHAMBERS AT WEST BRANCH CITY HALL, 121  
N. FOURTH ST. ON MONDAY, JULY 16, 2018, BEGINNING AT **6:00 P.M.**

PLEASE NOTE: All guests and parties in attendance are asked to sign in if they will be making any comments during meetings, so that the City Clerk may properly record your name in the minutes. Public comments are limited to 3 minutes in length while matters from the floor are limited to 10 minutes, unless you have signed in and requested additional speaking time, and that request is then approved by either the Mayor or a majority vote of Council. All in attendance are asked to please remove hats and/or sunglasses during meetings and to silence all cell phones and other electronic devices. Due to recent complaints from those in attendance trying

to listen, audience members are kindly reminded to **please refrain from having private conversations while meetings are in progress—it is disruptive and NOT allowed.**

Unless you are a scheduled speaker from the floor or in the process of giving public comment for the record, audience members should not converse in the Council Chambers during meetings--if you feel that you must converse during a meeting, you are kindly asked to please do so in the hallway, away from the doors.]

[DISCLAIMER: Views or opinions expressed by City Council Members or employees during meetings are those of the individuals speaking and do not represent the views or opinions of the City Council or the City as a whole.]

[NOTICE: Audio and/or video may be recorded at public meetings of the West Branch City Council.]

- I. Call to Order
- II. Roll Call
- III. Pledge of Allegiance
- IV. Public Hearing
- V. Additions to the agenda
- VI. Public Comment on Agenda Items Only (limited to 3 minutes)
- VII. Scheduled Matters from the Floor
- VIII. Bids
  - A. City Striping
  - B. City wide lighting
  - C. City Attorney
- IX. Unfinished Business
- X. New Business

- A. Bills payable
- B. Appointment to the Planning Commission
- XI. Approval of the minutes and summary from the Meeting held July 2, 2018
- XII. Consent Agenda (These items are considered routine and can be enacted in one motion)
  - A. Treasurer's report and Investment Summary
  - B. Budget amendment 9927 and 9931
  - C. Minutes from the DDA meeting held May 22, 2018
  - D. Minutes from the Planning Commission meeting held June 26, 2018
  - E. Minutes from the EMS meeting held May 17, 2018
  - F. Minutes from the Election Commission meeting held July 11, 2018
  - G. June Police Report
- XIII. Communications
  - A. Consumers Energy notice of public hearing
  - B. Department of Licensing and Regulatory Affairs (LARA) notice of public hearing
  - C. City of Escanaba "Dark Store Theory" support letter
- XIV. Reports and/or comments
  - A. Mayor
  - B. Council Members
  - C. City Manager
- XV. Public Comment on any item (limited to 3 minutes)
- XVI. Adjournment



**Call to Order**

**Roll Call**

**Pledge of  
Allegiance**

# **Public Hearings**

# **Additions to the Agenda**

# **Public Comment -Agenda Items**

# **Scheduled Matters from the Floor**

# Bids

7/11/18

Bids were planned to be opened at 12:00 noon in the Council Chambers of the West Branch City Hall; however no one was in attendance so the opening was postponed until 2:30 p.m.

In attendance were Clerk/Treasurer John Dantzer and DPW Superintendent Mike Killackey.

#### CITY WIDE LIGHT PROJECT

Bids were received from:  
Energy Specialties Group  
Master Electric Inc.  
Medler Electric

#### CITY WIDE STRIPING

Bids were received from:  
Northern Seal Coating



## City of West Branch

121 North Fourth Street, West Branch, Michigan 48661

Phone 989-345-0500 ☺ Fax 989-345-4390 ☺ e-mail [clerktreasurer@westbranch.com](mailto:clerktreasurer@westbranch.com)

### REQUEST FOR PROPOSALS.

The City of West Branch is accepting bids for striping throughout town including on street parking, parking lots, cross walks, etc. For a complete list of areas to be painted please contact DPW Superintendent Mike Killackey at 989-965-4982. Sealed bids clearly marked "STRIPING BIDS" will be accepted at City Hall, 121 N. Fourth St., West Branch, MI 48661 until noon on Wednesday July 11<sup>th</sup> with the opening of the bids to take place at that time. Bids will be presented to Council for review at their regular scheduled meeting on Monday July 16<sup>th</sup> at 6:00 pm. The City of West Branch reserves the right to accept or reject any or all bids. For any other questions, please call City Hall at 989-345-0500



All Yellow, White, Blue

## City of West Branch Parking and Curb Marking

Houghton Ave on street parking from 2<sup>nd</sup> st. to 5<sup>th</sup> st.

Houghton Ave on street parking from 5<sup>th</sup> st. to 7<sup>th</sup> st.

N. 2<sup>nd</sup> st. on street parking from Houghton to Parking lot both sides

S. 2<sup>nd</sup> st. on street parking from Houghton to Wright st. west side of street

N. 3<sup>rd</sup> st. on street parking from Houghton to Fire hall both sides

S. 3<sup>rd</sup> st. on street parking from Houghton to Wright st. both sides

N. 4<sup>th</sup> st. on street parking from Houghton to Bridge both sides

S. 4<sup>th</sup> st. on street parking from Houghton to tracks both sides

N. 5<sup>th</sup> st. on street parking from tracks to save-a-lot parking lot east side of street

S. 8<sup>th</sup> st. on street parking from Houghton to Wright east side of street

Repaint all yellow curbs with yellow paint

All on street parking painted in white paint and no parking areas curbs painted yellow  
handicapped spaces painted in blue with symbol

N. 3<sup>rd</sup> parking lot

S. 3<sup>rd</sup> parking lot (behind G's)

S. 2<sup>nd</sup> parking lot (next to post office)

Paint all parking spaces yellow and handicapped spaces blue with symbol

Cross walk on 1<sup>st</sup> st. and State st. all 4 ways

Cross walk on State st. and Burgess st.

THAN curb > 1000 ft

37 white T  
11 T white

8 white T 2 handicap

1906

200 sharp lines

23 6

25 diagonal

30 diagonal

16 L 180 in

15

14

44 5 hash 5 arrows

47 1 hash

25 5 hash

3 crosswalk  
Van access

4 crosswalks

43, 57, 34, 36

1 41' 2'

# ESTIMATE

**City Of West Branch**  
West Branch, MI



## Northern Seal Coating

PO Box 236  
West Branch, MI 48661  
Phone: (989) 345-5502  
Email: northernsealcoating.rw@gmail.com  
Fax: (989) 345-5502  
Web: www.northernsealcoating.xyz

Estimate # 181050  
Date 07/07/2018

Description	Quantity	Rate	Total
Asphalt Prep	1.0	\$250.00	\$250.00
Clean asphalt with commercial blowers and hand broom the flakes off curb.			
Striping	1.0	\$2,500.00	\$2,500.00
Restripe to existing layout with commercial equipment and material.			
A. Blow the debris off the stripes and flakes off the curb.			
B. Stripe using airless Graco equipment and Sherwin fast dry using yellow, white and blue			
C. Snap lines and paint the areas to be striped listed on the spec sheet.			
D. Areas will be barricaded until dry. Most if the job will be done after business hours. Especially high traffic areas.			
<b>Subtotal</b>			<b>\$2,750.00</b>
<b>Total</b>			<b>\$2,750.00</b>



By signing this document, the customer agrees to the services and conditions outlined in this document.

---

City Of West Branch



## City of West Branch

121 North Fourth Street, West Branch, Michigan 48661

Phone 989-345-0500 ☺ Fax 989-345-4390 ☺ e-mail [clerktreasurer@westbranch.com](mailto:clerktreasurer@westbranch.com)

### City wide striping.

An RFP was posted for the work and Northern Seal Coating was the only bid received for the City wide striping. Northern Seal Coating has done work for the City in the past including the recent resurfacing and striping of the basketball courts. DPW Superintendent Killackey and I have discussed the bid and feel that it is a fair and reasonable bid and his work has been satisfactory in the past. Based on that we would both recommend you award the city wide striping bid to Northern Seal Coating not to exceed \$2,750



# ENERGY EFFICIENT LIGHTING PROJECT/S RFP

## CITY OF WEST BRANCH

The City of West Branch/West Branch Area Wastewater Treatment Plant Authority/West Branch Community Airport are seeking bids/proposals from qualified vendors for "Energy Efficient Lighting Project/s" to be performed for the City of West Branch and/or the West Branch Area Wastewater Treatment Plant Authority and/or the West Branch Community Airport, as according to the specifications listed in this RFP.

The **DEADLINE** for submission of sealed bids for this RFP is:

**Wednesday, July 11<sup>th</sup>, 2018 at NOON.**

Bids must be submitted in the following manner:

In a sealed envelope, with the words "Light Bid" written across the seal of the envelope, to be delivered either in person (during regular business hours of M—F, 8:00 a.m. – 4:30 p.m.) or via mail to "West Branch City Hall, ATTN: Clerk John Dantzer, 121 N. 4<sup>th</sup> St., West Branch, MI 48661".

A public bid opening will be held immediately after the close of bidding in the Council Chambers of West Branch City Hall, 121 N. 4<sup>th</sup> St., West Branch, MI 48661 at noon on 07/11/2018.

Once opened and recorded by the City Clerk, bids will be presented to the West Branch City Council during their regularly scheduled Council Meeting, currently scheduled for Monday, July 16, 2018 at 6:00 p.m., to be held in the Council Chambers of West Branch City Hall, 121 N. 4<sup>th</sup> St., West Branch, MI 48661.

Via this RFP, the City of West Branch (and the West Branch Area Wastewater Treatment Plant Authority, through the City of West Branch) are hereby requesting sealed bids be submitted indicating pricing for "Energy Efficient Lighting Projects" that may include the following:

1. A proposal for an energy efficient lighting project to upgrade lighting and increase energy efficiency at the West Branch City Hall.
  - a. Location: 121 N. 4<sup>th</sup> St., West Branch, MI 48661
2. A proposal for an energy efficient lighting project to upgrade lighting and increase energy efficiency at the West Branch City Police Department Building.
  - a. Location: 130 Page St., West Branch, MI 48661
3. A proposal for an energy efficient lighting project to upgrade lighting and increase energy efficiency at the West Branch City Department of Public Works Garage.
  - a. Location: 403 S. 1<sup>st</sup> St., West Branch, MI 48661
4. A proposal for an energy efficient lighting project to upgrade lighting and increase energy efficiency at the West Branch Area Wastewater Treatment Plant.
  - a. Location: 2791 W. Flowage Lake Rd., West Branch, MI 48661
5. A proposal for an energy efficient lighting project to upgrade lighting and increase energy efficiency at all City of West Branch public parking lots.
  - a. Location: various locations throughout the City
6. A proposal for an energy efficient lighting project to upgrade lighting and increase energy efficiency at the West Branch Community Airport.
  - a. Location: 1519 W. Airport Rd., West Branch MI 48661.

--Note— Interested parties may bid on one, some, or all of the delineated service options/projects listed above (depending on which projects they are interested in potentially completing for the City of West Branch). Parties are not required to bid on each of the projects listed above in order for their bid to be considered. In addition, though a party may bid on more than one project listed above, the City of West Branch reserves the right to accept or reject the bid offers for each project listed above individually.

Bids submitted for this “Energy Efficient Lighting Project” shall include the following information as per the list of fixtures based on the list provided by Medler Electric lighting specialist.

- Total labor cost of replacement for all bulbs/lighting fixtures recommended for replacement, broken down by facility location.
- Total material cost of all fixtures/bulbs recommended for replacement, broken down by facility location.
- Value of all “incentives” or “rebates” that will be applied to project to offset the total project cost, broken down by facility (including incentives and rebates offered by Consumer’s Energy, etc.) if different than what is provided.
- Any other information deemed relevant

Proposals related to other recommended energy-efficient upgrades (for non-lighting related projects) may also be submitted to the City for consideration separate from the consideration of bids submitted pursuant to this RFP. However, such additional proposals are not required.

The City of West Branch, the West Branch Area Wastewater Treatment Plant Authority, and the employees of both, shall not be required to be required to assist the successful bidder with the completion of the project, with the exception of making the facilities reasonably available to the successful bidder during normal business hours.

Any permits or other similar paperwork required for the project to progress shall be the responsibility of the successful bidder.

All bidders awarded contracts pursuant to this RFP shall be required to procure all bulbs, lighting fixtures, and other supplies necessary to complete the project. All labor for installation shall also be provided by the bidder, and shall be included in all bid costs submitted. Successful bidders shall also be responsible for obtaining all incentives and/or rebates indicated in bidding documents. Any documentation that must be provided or work that must be performed by City staff to ensure receipt of such incentives/rebates must be fully described by bidder in bid documents.

All bidders shall also clearly indicate in writing the type and length and details of warranties provided for the project, with a 10-year written warranty being preferred.

Successful bidders shall submit a draft contract for approval immediately following notification of being awarded a bid, with the terms of said contract to comply with all specifications, requirements, and terms listed in this RFP (with this RFP to be considered a part of said contract). Such contract shall include an indemnification agreement in favor of the City indicating that the successful bidder shall indemnify the City for any and all claims that may arise as a result of the work performed pursuant to this RFP.

Successful bidders shall also be required to contact the City of West Branch Deputy Clerk/Treasurer Michelle Frechette at (989) 345-0500 or [deputyclerktreasurer@westbranch.com](mailto:deputyclerktreasurer@westbranch.com) to ensure that any additional administrative paperwork that may be required of City vendors/contractors is provided to the City in a timely

manner. Such paperwork to include tax forms, worker's compensation insurance information, etc. [contact Deputy Clerk/Treasurer Frechette for additional details: (989) 345-0500].

Work performed pursuant to any contracts awarded under this RFP shall be conducted in accordance with generally accepted industry standards and must comply with all federal, state, and local laws and regulations.

The timing of any services provided pursuant to this RFP must comply with the following specifications:

- Services must be completed no later than 45 days prior to the end of the City's fiscal year, during the year in which the contract was awarded.

The City of West Branch operates on a July 1 – June 30 fiscal year.

The timing of any billings/invoices submitted for payment for services rendered pursuant to this RFP must comply with the following specifications:

- All billings/invoices must be submitted in writing (either via mail, email, or personal delivery) to the City's Deputy Clerk/Treasurer no later than 30 days prior to the end of the City's fiscal year, during the year in which the contract was awarded.

The City of West Branch will evaluate proposals on both a quantitative and qualitative basis.

Questions regarding this RFP may be directed to City Clerk John Dantzer at (989) 345-0500, or via email at [clerktreasurer@westbranch.com](mailto:clerktreasurer@westbranch.com). The City of West Branch reserves the right to accept or reject any or all bids, to waive irregularities in bidding, and to accept bids which do not conform in every respect to bidding requirements. Price quotes and other information presented in all bids received by the City of West Branch are deemed valid for a period of 180 days, unless clearly indicated otherwise in the bid document.

The following local ordinances and Charter provisions apply to all purchases/contracts involving the City of West Branch:





Medler Electric Company  
An Employee Owned Company

MEDLER ELECTRIC CO. #4  
2543 SOUTH M-76  
WEST BRANCH, MI 48661  
989-345-5720 Fax 989-345-4575

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4332874
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  1

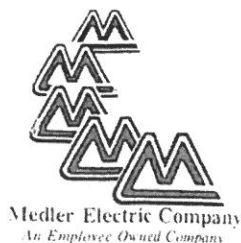
QUOTE TO:

CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

SHIP TO:

CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER		RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		CITY HALL			05/17/18
SALESPERSON		SHIP VIA		TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL		1 $\frac{1}{2}$ 10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION		UNIT PRICE	NET AMOUNT
		*****			
		POTENTIAL CONSUMER'S REBATE \$516.00			
		*****			
4ea	1420979	S29812 11A19/LED/4000K/1100L/120V/D			
-4ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM			
		OUTSIDE A LAMPS			
		-----			
7ea	1425787	S9846 9W LED LAMP			
7ea	1425783	PROG P5334-20 1LT 75W FIXTURE			
		OR			
7ea	1425784	PROG P5332-20 1LT 75W FIXTURE			
		NEW LIGHT FIXTURES			
		-----			
4ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W			
		BALLAST BYPASS 4000K 50000 HOURS			
		120-277V SHUNTED OR NON-SHUNTED			
		SOCKETS DLC GLASS TUBE DOUBLE ENDED			
		ONLY			
		BATHROOMS			
		-----			
18ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W			
		BALLAST BYPASS 4000K 50000 HOURS			
		120-277V SHUNTED OR NON-SHUNTED			
		SOCKETS DLC GLASS TUBE DOUBLE ENDED			
		ONLY			
		BACK EXIT AREA			
		-----			
4ea	1423562	LITH EXR-LED-EL-5YW M6 EMER LED			
		EXIT SIGN			
-4ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE			
*** Continued on Next Page ***					



**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4332874
MEDLER CO. MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO 2

QUOTE TO:

CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:

CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER		RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		CITY HALL			05/17/18
SALESPERSON		SHIP VIA		TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL		1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION		UNIT PRICE	NET AMOUNT
		PROGRAM EXIT SIGNS -----			
48ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY COUNCIL CHAMBER -----			
8ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY COUNCIL BREAK ROOM -----			
8ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY CHAMBER UTILITY ROOMS -----			
1ea	1311824	LITH EU2-LED-M12 EMERGI LITE 2 EMERGENCY LIGHT -----			
6ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED			

\*\*\* Continued on Next Page \*\*\*



Medler Electric Company  
An Employee Owned Company

**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

# Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4332874
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO. 3

QUOTE TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		CITY HALL		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
48ea	1399047	ONLY OVER SERVICE COUNTER ----- SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY SERVICE AREA		
4ea	1399047	----- SATCO S9915 14T6/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY STORAGE		
23ea	1399047	----- SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY OFFICES ----- TAXES NOT INCLUDED		

THIS IS A QUOTATION  
 Prices will expire on 05/16/18  
 APPLICABLE TAXES EXTRA!

Subtotal  
 S&H CHGS 0.00

Amount Due



# ESTIMATED SAVINGS CALCULATION

IRR %	Simple Payback
66.81%	1.38 Years

Customer Name: **WEST BRANCH CITY HALL**  
City, State Zip: \_\_\_\_\_  
Contract Name: \_\_\_\_\_

## EXISTING

Area Description	Existing Item	Watts per item	Qty	kW	Operating Hours	Total kWh
OUTSIDE FIXTURES	FLUORESCENT	26	4	0.10	1000	104.00
CHANGERS LOBBY	PENDANT FLT	400	7	2.80	1000	2800.00
MISC	2L FB WHP	58	8	0.46	3000	1392.00
MISC	4L FB WHP	37	112	4.14	3000	12412.00
EXIT SIGNS	40 WATT INC EXIT SIGNS	40	4	0.16	8760	1401.60
UTILITIES	8 4L FB STRIPS	210	2	0.44	1000	440.00
TOTAL KILOWATT HOURS (EXISTING)						18,688.60

## PROPOSED

Area Description	Proposed Item	Watts per item	Qty	kW	Operating Hours	Total kWh	Price Per Fixture	Fixture Per Fixture	Total Fixture Cost
NEW LED	NEW LED FLUORESCENT LAMP	11	4	0.04	1000	44.00	\$	5	\$
NEW LED	NEW LED LAMPS	8	7	0.06	1000	63.00	\$	5	\$
NEW LED	NEW LED LAMPS	36	8	0.24	1000	720.00	\$	5	\$
NEW LED	NEW LED LAMPS	60	32	2.22	1000	6860.00	\$	5	\$
NEW LED	NEW LED LAMPS	2	4	0.03	8760	70.08	\$	5	\$
NEW LED	NEW LED LAMPS	40	2	0.12	1000	120.00	\$	5	\$
TOTAL KILOWATT HOURS (PROPOSED)						7,677.08			
TOTAL COST						\$			
Final Cost						\$			

Cost of per kWh **\$0.110**

	Existing	Proposed	Savings
TOTAL KILOWATT HOURS (same calculations above)	18570	7677	10893
EST. ANNUAL COST (kwh x rate)	\$2,043	\$844	\$1,198
EST. MONTHLY COST (Annual ÷ 12 months)	\$170	\$70	\$100

5 Yr. Total \$5,900.89

10 Yr. Total \$11,981.77

**\$1,198.18** /Yr

**\$99.86** /MO

Note: These are estimated savings only. These annual and monthly savings are based on a number of variables and assumptions that could change over time. The actual savings derived by your company may be higher or lower.



**AFFILIATED**  
DISTRIBUTORS



**MEMBER**  
NATIONAL ASSOCIATION OF  
ELECTRICAL DISTRIBUTORS

**Medler Electric Company**  
WISCONSIN ELECTRICAL CONTRACTORS

**OUR PEOPLE  
CARE MORE**





Medler Electric Company  
An Employee Owned Company

**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

# Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	54332958
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO 1

QUOTE TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

SHIP TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		CITY POLICE		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		OT OUR TRUCK	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
6ea	1399047	***** POTENTIAL CONSUMER'S REBATE \$750.00 ***** SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY ENTRY WAY/LOBBY -----		
142ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY ALL TROFFERS/WRAPPS -----		
1ea	1423562	LITH EXR-LED-EL-5YW M6 EMER LED EXIT SIGN		
4ea	1423583	LITH ECR LED HQ 5YW M6 RED EXIT/EMER COMBO HI OUTPUT		
5ea	1317520	LITH ELA LED WP M12 REMOTE HEAD		
-5ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM -----		
8ea	1402694	SATCO S9856 RECESSED CANS -----		
4ea	1323684	RAB SLIM26 26WATT COOL LED WALLPACK OUTSIDE WALLPACKS -----		

\*\*\* Continued on Next Page \*\*\*



Medler Electric Company  
An Employee Owned Company

MEDLER ELECTRIC CO. #4  
2543 SOUTH M-76  
WEST BRANCH, MI 48661  
989-345-5720 Fax 989-345-4575

## Quotation

QUOTE DATE	QUOTE NUMBER	PAGE NO
05/17/18	S4332958	2
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 FAX 989-345-4575		

QUOTE TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

SHIP TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		CITY POLICE		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		OT OUR TRUCK	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
2EA	1361207	LED8089M50 80W MOGUL BASE 5000K WALL PACK LAMP PARKING LOT FLOOD REPLACEMENT LAMP ----- TAXES NOT INCLUDED		0
THIS IS A QUOTATION Prices will expire on 05/16/18 APPLICABLE TAXES EXTRA!			Subtotal S&H CHGS	
			Amount Due	



# ENERGY SAVINGS ESTIMATE

Customer Name:

WEST BRANCH CITY POLICE

Customer Address:

City, State Zip:

Contact Name:

Title:

Job Cost:

Sq Ft:

Area:

Notes:

IRR %

48.08%

Simple Payback

1.44

Years



## EXISTING

Area Description	Existing Item	Units per Item	Qty	KW	Operating Hours	Total kWh	Price per Fixture	Latent Price Fixtures	Total Price Fixtures	Total Fixture Cost
LOBBY/OFFICE	2 LAMP TR	58	8	0.40	1000	464.00	\$	0	\$	\$
OFFICES	3 LAMP TR	85	32	2.72	3000	8160.00	\$	0	\$	\$
OFFICES	4 LAMP TR	112	4	0.80	3000	3360.00	\$	0	\$	\$
IN EXIT AREA	FLOU RECESS CAYS	58	4	0.22	1000	220.00	\$	0	\$	\$
EXIT COMBOS	INC EXIT COMBOS	40	4	0.16	8760	1401.60	\$	0	\$	\$
EXIT SIGN	INC EXIT SIGN	40	1	0.04	8760	350.40	\$	0	\$	\$
OUTSIDE WALLPACK	100W WH WALLPACK	128	4	0.51	3000	1524.00	\$	0	\$	\$
PARKING LOT	400W WH FL2000	435	2	0.91	3000	2730.00	\$	0	\$	\$
TOTAL KILOWATT HOURS (EXISTING)				17.440.00	TOTAL KILOWATT HOURS (PROPOSED)					
				17.440.00						
Cost of per kWh				\$0.110						
				\$0.110						

## PROPOSED

Area Description	Proposed Item	Units per Item	Qty	KW	Operating Hours	Total kWh	Price per Fixture	Latent Price Fixtures	Total Price Fixtures	Total Fixture Cost
LOBBY/OFFICE	2 LED LAMPS	50	8	0.24	1000	240.00	\$	0	\$	\$
OFFICES	3 LED LAMPS	45	32	1.44	3000	4320.00	\$	0	\$	\$
OFFICES	4 LED LAMPS	60	4	0.48	3000	1440.00	\$	0	\$	\$
IN EXIT AREA	2 WATT LED LAMPS	9	4	0.36	1000	360.00	\$	0	\$	\$
EXIT COMBOS	2 WATT LED EXITS COMBOS	2	4	0.08	8760	70.08	\$	0	\$	\$
EXIT SIGN	2 WATT LED EXITS COMBOS	2	1	0.08	8760	17.52	\$	0	\$	\$
OUTSIDE WALLPACK	30 WATT LED WALLPACK	30	4	0.12	3000	360.00	\$	0	\$	\$
PARKING LOT	40 WATT LED LAMP CHANGE	50	2	0.10	3000	480.00	\$	0	\$	\$
TOTAL KILOWATT HOURS (PROPOSED)				6.841.60	TOTAL KILOWATT HOURS (PROPOSED)					
				6.841.60						
Total Cost				\$	Total Cost					
				\$						

Medler Electric Company  
Wholesale Electrical Distribution

OUR PEOPLE  
CARE MORE

AS SHOWN ABOVE, YOUR ESTIMATED ANNUAL SAVINGS AS A RESULT OF THIS PROPOSAL PROGRAM WILL BE

5 Yr Total \$5,622.52

10 Yr Total \$11,645.04

\$1,164.60

YR

YOUR ESTIMATED MONTHLY COST OF DELAY AS A RESULT OF THIS PROPOSAL PROGRAM WILL BE

\$97.04

MO

Note: These are estimated savings only. These annual and monthly savings are based on a number of variables and assumptions that could change over time. The actual savings derived by your company may be higher or lower.



NATIONAL ASSOCIATION OF  
ELECTRICAL DISTRIBUTORS  
MEMBER



Medler Electric Company  
An Employee Owned Company

**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/16/18	S4332722
ORDER TO	PAGE NO
MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH MI 48661 989 345 5720 Fax 989 345 4575	1

QUOTE TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER		RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		DPW LED			05/16/18
SALESPERSON		SHIP VIA		TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL		1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION		UNIT PRICE	NET AMOUNT
		*****			
		POTENTIAL CONSUMER'S REBATE			
		\$2339.25			
		*****			
2EA	1361207	LED8089M50 80W MOGUL BASE 5000K			
		WALL PACK LAMP			
		OUTSIDE WALLPACKS			
		-----			
2ea	1359399	INT EK4236S INTERMATIC STEM&SWIVEL			
		MOUNT LED 1800W 6AMP PHOTO CONTROL			
		120-277V			
		-----			
1ea	1418712	SATCO S29818			
		15A19/LED/5000K/1600L/120V/D			
-1ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE			
		PROGRAM			
2ea	1390045	SATCO S9456 18 Watt 4000K 400 1400L			
-2ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE			
		PROGRAM			
		SALT BARN			
		-----			
2ea	1317520	LITH ELA LED WP M12 REMOTE HEAD			
		OUTDOOR REMOTE HEADS			
		-----			
20ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W			
		BALLAST BYPASS 4000K 50000 HOURS			
		120-277V SHUNTED OR NON-SHUNTED			
		SOCKETS DLC GLASS TUBE DOUBLE ENDED			
		ONLY			
		OFFICE/PLAN ROOM			
		-----			
*** Continued on Next Page ***					





Medler Electric Company  
An Employee Owned Company

**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/16/18	S4332722
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M 76 WEST BRANCH, MI 48661 989 345 5720 Fax 989 345 4575	PAGE NO.  2

QUOTE TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER		RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		DPW LED			05/16/18
SALESPERSON		SHIP VIA		TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL		1st 10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION		UNIT PRICE	NET AMOUNT
6EA	1404195	LED LED-8032M57-A 150W LAMP			
1ea	1423583	LITH ECR LED HO 5YW M6 RED			
		EXIT/EMER COMBO HI OUTPUT			
-1ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM			
1ea	1390045	SATCO S9456 18 Watt 4000K 40P 1400L			
-1ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM			
		WAREHOUSE			
		-----			
8ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W			
		BALLAST BYPASS 4000K 50000 HOURS			
		120-277V SHUNTED OR NON-SHUNTED			
		SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY			
		BATHROOM			
		-----			
8ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W			
		BALLAST BYPASS 4000K 50000 HOURS			
		120-277V SHUNTED OR NON-SHUNTED			
		SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY			
		BREAK ROOM			
		-----			
2ea	1418712	SATCO S29818			
		15A19/LED/5000K/1600L/120V/D			
-2ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM			
		UPSTAIRS STORAGE			
		-----			
1ea	1390045	SATCO S9456 18 Watt 4000K 40P 1400L			

\*\*\* Continued on Next Page \*\*\*



Medler Electric Company  
An Employee Owned Company

**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

# Quotation

QUOTE DATE	QUOTE NUMBER
05/16/18	S4332722
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 FAX 989-345-4575	PAGE NO.  3

QUOTE TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		DPW LED		05/16/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
-1ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM		
21EA	1404195	LED LED-8032M57-A 150W LAMP		
1ea	1423563	LITH ECR LED 5YW M6 RED LED EXIT/UNIT COMBO		
1ea	1423583	LITH ECR LED HO 5YW M6 RED EXIT/EMER COMBO HI OUTPUT		
-2ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM MAIN WAREHOUSE		
----- TAXES NOT INCLUDED				

THIS IS A QUOTATION  
 Prices will expire on 05/15/18  
 APPLICABLE TAXES EXTRA !

Subtotal	
S&H CHGS	0.00
Amount Due	.....00



**101 YEARS**

Customer Name  
City, State Zip  
Contact Name  
Title

IRR %	Simple Payback
48.18%	1.42 Years

Job Desc  
Sq Ft  
Area  
Notes

Area Description	Existing Item	Qty	KW	Operating Hours	Total kWh	Proposed Item	Qty	KW	Operating Hours	Total kWh	Price Per Fixture	Total Per Fixture	Total Fixture Cost
OUTSIDE WALLPACKS	350W WALLPACK	2	0.56	4000	2320.00	50 WATT LED LAMP	2	0.16	4000	640.00	\$	\$	\$
SALT BARN LAMP	100W INC	1	0.10	1500	150.00	15 WATT LED LAMP	1	0.02	1000	15.00	\$	\$	\$
SALT BARN PAR	150W PAR38 LAMP	2	0.30	1000	300.00	18 WATT LED PAR	2	0.04	1000	34.00	\$	\$	\$
OFFICE/PLAN ROOM	41 T8 TROFFER	5	0.56	2000	1120.00	15W LED TUBE	5	0.30	2000	600.00	\$	\$	\$
S ENTRY	400W MH HIGH-BAY	4	2.13	4000	16520.00	40W LED	4	0.44	4000	3360.00	\$	\$	\$
S ENTRY	INC EXIT COMBO	4	0.24	800	2102.40	LED COMBO	4	0.00	4000	17.72	\$	\$	\$
S ENTRY	150 PR38	1	0.15	2000	300.00	18 WATT PAR38	1	0.02	2000	36.00	\$	\$	\$
BATHROOM	41 T8 TROFFER	2	0.22	2000	448.00	15W LED TUBE	2	0.12	2000	240.00	\$	\$	\$
UPSTAIRS STORAGE	100 WATT INC	2	0.20	1000	200.00	15W LED TUBE	2	0.03	1000	60.00	\$	\$	\$
N BAY	150W PAR38 LAMP	1	0.15	1000	150.00	18 WATT LED PAR	1	0.02	1000	18.00	\$	\$	\$
N BAY	400W MH HIGH-BAY	2	0.24	2000	768.00	40W LED	2	0.24	2000	832.00	\$	\$	\$
N BAY	INC EXIT COMBO	2	0.04	800	200.80	LED COMBO	2	0.00	4000	35.04	\$	\$	\$
TOTAL KILOWATT HOURS (EXISTING)					45,693.20	TOTAL KILOWATT HOURS (PROPOSED)					13,493.56	Total Cost	
Cost of per kWh					\$0.110	Total Cost					\$	Final Cost	
TOTAL KILOWATT HOURS (seen calculations above)					45,693.20	TOTAL KILOWATT HOURS (seen calculations above)					13,493.56	Total Cost	

Existing	Proposed	Savings
45,693.20	13,493.56	32,199.64
\$5,045.52	\$1,485.29	\$3,560.23
\$420.00	\$124.00	\$296.00

AS SHOWN ABOVE, YOUR ESTIMATED ANNUAL SAVINGS AS A RESULT OF THIS PROPOSAL PROGRAM WILL BE

5 Yr Total \$17,800.00  
10 Yr Total \$35,600.00  
\$3,560.00 /Yr

YOUR ESTIMATED MONTHLY COST OF DELAY AS A RESULT OF THIS PROPOSAL PROGRAM WILL BE

\$206.67 /MO

Note: These are estimated savings only. These annual and monthly savings are based on a number of variables and assumptions that could change over time. The actual savings derived by your company may be higher or lower.

Medler Electric Company  
Wholesale Electrical Distributors

OUR PEOPLE  
CARE MORE



NATIONAL ASSOCIATION OF  
ELECTRICAL DISTRIBUTORS



AFFILIATED  
DISTRIBUTORS



Medler Electric Company  
An Employee Owned Company

MEDLER ELECTRIC CO. #4  
2543 SOUTH M-76  
WEST BRANCH, MI 48661  
989-345-5720 Fax 989-345-4575

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4333288
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO. 1

QUOTE TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

SHIP TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		WWTP		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
		***** ESTIMATED CONSUMER'S REBATE \$1387.68 *****		
300ea	1399508	SATCO S9916 14T8/LED/48-850/BP 120-277V 14watt 5000K 1800 lumens TYPE B DOUBLE ENDED LED 4' T8 4L FIXTURES		
70ea	1418115	SATCO S29719 25T5/LED/46-850/BP/HO LED T5 BALLAST BYPASS 120-277V (25 BOX) 25 WATT, 3400 LUMEN, SINGLE END WIRING 4' T5 FIXTURES		
12ea	1420975	SATCO S29391 22W/LED/HID/5000K/100-277V EQUAL TO 150 WATT		122.70
11ea	1420984	SATCO S29394 54W/LED/HID/5K/100-277V/EX39 LIGHT POLES EQUAL TO 250 WATT		
12ea	1418712	SATCO S29818 15A19/LED/5000K/1600L/120V/D		
-12ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM MISC A LAMPS		
17ea	1422494	SATCO S29390		
*** Continued on Next Page ***				



Medler Electric Company  
An Employee Owned Company

MEDLER ELECTRIC CO. #4  
2543 SOUTH M-76  
WEST BRANCH, MI 48661  
989-345-5720 Fax 989-345-4575

## Quotation

QUOTE DATE	QUOTE NUMBER	PAGE NO
05/17/18	S4333288	2
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575		

QUOTE TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

SHIP TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		WWTP		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
		18W/LED/HID/5000K/100-277V EQUAL TO 100 M.H. ----- TAXES NOT INCLUDED		
THIS IS A QUOTATION Prices will expire on 05/16/18 APPLICABLE TAXES EXTRA !			Subtotal S&H CHGS	0.00
			Amount Due	







Medler Electric Company  
An Employee Owned Company

MEDLER ELECTRIC CO. #4  
2543 SOUTH M-76  
WEST BRANCH, MI 48661  
989-345-5720 Fax 989-345-4575

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4333101
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  1

QUOTE TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

SHIP TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		<b>DOWNTOWN LED</b>		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
129ea	1418389	***** POTENTIAL CONSUMER'S REBATE \$1496.40 *****		
1ea	6024	LED-8033E57-A 38W RETROFIT LAMP LEV 8681 MOG TO MED LMPHLDR ADAPTER REDUCER SOME WILL BE NEEDED ----- TAXES NOT INCLUDED		
THIS IS A QUOTATION Prices will expire on 05/16/18 APPLICABLE TAXES EXTRA !			Subtotal S&H CHGS	0.00
			Amount Due	



WEST BRANCH DOWNTOWN LIGHTING

Medler Electric Company  
1000 YEARS Bldg

Customer Name: \_\_\_\_\_  
City, State Zip: \_\_\_\_\_  
Contact Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Joe Oasi: \_\_\_\_\_  
Sq. Ft.: \_\_\_\_\_  
Area: \_\_\_\_\_  
Notes: \_\_\_\_\_

IRR %	Simple Payback
92.02%	0.84 Years

Area Description	Existing Item	Watt. Per Item	Qty	KW	Operating Hours	Total kWh	Price Per Fixture	Watt. Per Fixture	Total Fixtures	Total Fixture Cost
WNTOWN	150W HPS	183	129	23.61	2000	70,821.00				
TOTAL KILOWATT HOURS (EXISTING)										
70,821.00										
EST. CURRENTS REQUIRED										
TOTAL KILOWATT HOURS (PROPOSED)										
14,706.00										
TOTAL COST										
\$										
Final Cost										
\$										

Cost of per kWh \$0.110

	Existing	Proposed	Savings
TOTAL KILOWATT HOURS (see calculations above)	70821	14706	\$6,115
EST. ANNUAL COST (kwh x rate)	\$7,790	\$1,618	\$6,173
EST. MONTHLY COST (Annual x 12 months)	\$649	\$135	\$514

AS SHOWN ABOVE, YOUR ESTIMATED ANNUAL SAVINGS AS A RESULT OF THIS PROPOSAL PROGRAM WILL BE \$6,172.66 /YR  
5 Yr Total \$30,863.25 10 Yr Total \$61,726.50

YOUR ESTIMATED MONTHLY COST OF DELAY AS A RESULT OF THIS PROPOSAL PROGRAM WILL BE \$614.39 /MO

Note: These are estimated savings only. These annual and monthly savings are based on a number of variables and assumptions that could change over time. The actual savings derived by your company may be higher or lower.

Medler Electric Company  
Wholesale Electrical Distributor

OUR PEOPLE  
CARE MORE



NATIONAL ASSOCIATION OF  
ELECTRICAL DISTRIBUTORS  
MEMBER

AFFILIATED  
DISTRIBUTORS





Medler Electric Company  
An Employee Owned Company

MEDLER ELECTRIC CO. #4  
2543 SOUTH M-76  
WEST BRANCH, MI 48661  
989-345-5720 Fax 989-345-4575

# Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4333126
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 FAX 989-345-4575	PAGE NO. 1

QUOTE TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

SHIP TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		AIRPORT LED		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
*****				
ESTIMATED CONSUMER'S REBATE \$617.25				
*****				
12EA	1364125	K-1804-VKTW-LED-PW NON BALLAST		
48ea	1384685	RETRO KIT LED T8 SINGLE ENDED		
		SATCO S9723 15T8/LED/48-850/BP 15W		
		T8 LED BY-PASS DIRECT WIRE-NO		
		BALLST, 82CR, 5000K, 1800 LUMEN		
		50K HRS, DLC, 120-277V INSTALL IN		
		NON-SHUNTED HOLDERS		
1ea	1423563	LITH ECR LED 5YW M6 RED LED		
-1ea	1317573	EXIT/UNIT COMBO		
1ea	1324696	CONSUMERS ENERGY MIDSTREAM REBATE		
		PROGRAM		
		RAB SLIM18/PC		
		BLDG #1		
12ea	1411264	-----		
		RAB ARBAY2-125 AEROBAY 2' 125W 5K		
1ea	1423563	LED DIM WHITE		
		LITH ECR LED 5YW M6 RED LED		
-1ea	1317573	EXIT/UNIT COMBO		
1ea	1346964	CONSUMERS ENERGY MIDSTREAM REBATE		
		PROGRAM		
		HALO CTKRV1A 50W LED AREA LIGHT		
		CARETAKER		
		BLDG#2		
1ea	1423563	-----		
		LITH ECR LED 5YW M6 RED LED		
-1ea	1317573	EXIT/UNIT COMBO		
		CONSUMERS ENERGY MIDSTREAM REBATE		
		PROGRAM		
*** Continued on Next Page ***				



Medler Electric Company  
An Employee Owned Company

**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

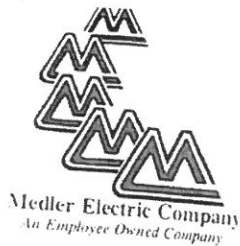
QUOTE DATE	QUOTE NUMBER
05/17/18	S4333126
ORDER TO:	PAGE NO.
MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 FAX 989-345-4575	2

QUOTE TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER		RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		AIRPORT LED			05/17/18
SALESPERSON		SHIP VIA		TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL		1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT	
32ea	1418928	SATCO S29852 9WPLH/LED/840/DR/4P MEETING ROOM NON DIMMABLE ONLY			
4ea	1418928	SATCO S29852 9WPLH/LED/840/DR/4P TV ROOM			
12ea	1418928	SATCO S29852 9WPLH/LED/840/DR/4P COMPUTER ROOM			
1ea	1403206	SATCO S9698 8WATT BR30 LED 2700K			
-2ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM FIRE PLACE			
8ea	1418928	SATCO S29852 9WPLH/LED/840/DR/4P			
2ea	1423563	LITH ECR LED 5YW M6 RED LED EXIT/UNIT COMBO			
-2ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM MAIN ROOM			
2ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY FURNACE ROOM			
6ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS			

\*\*\* Continued on Next Page \*\*\*



**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

# Quotation

QUOTE DATE	QUOTE NUMBER	PAGE
05/17/18	S4333126	
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 FAX 989-345-4575		

QUOTE TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER		RELEASE NUMBER		SHIP DATE
Ed Kaniewski (WBR)		AIRPORT LED				
SALESPERSON		SHIP VIA		TERMS		05/17/18
Kim Bastedo (WBR)		WC WILL CALL		1%10th Net 30		FREIGHT EXEMPT
ORDER QTY	PART NO	DESCRIPTION		UNIT PRICE	No	
		120-277V SHUNTED OR NON-SHUNTED			NET AMOUNT	
		SOCKETS DLC GLASS TUBE DOUBLE ENDED				
		ONLY				
		MANAGER ROOM				
4ea	1418928	SATCO S29852 9WPLH/LED/840/DR/4P				
3ea	1399047	*Above Item Not Returnable W/O RGA*				
		SATCO S9915 14T8/LED/48-840/BP 14W				
		BALLAST BYPASS 4000K 50000 HOURS				
		120-277V SHUNTED OR NON-SHUNTED				
		SOCKETS DLC GLASS TUBE DOUBLE ENDED				
		ONLY				
3ea	1311824	LITH EU2-LED-M12 EMERGI LITE 2				
		MISC ROOMS				
12ea	1384685	SATCO S9723 15T8/LED/48-850/BP 15W				
		T8 LED BY-PASS DIRECT WIRE-NO				
		BALLST, 82CR, 5000K, 1800 LUMEN				
		50K HRS, DLC, 120-277V INSTALL IN				
		NON-SHUNTED HOLDERS				
4ea	1399508	SATCO S9916 14T8/LED/48-850/BP				
		120-277V 14watt 5000K 1800 lumens				
1ea	1423563	TYPE B DOUBLE ENDED LED				
		LITH ECR LED 5YW M6 RED LED				
-1ea	1317573	EXIT/UNIT COMBO				
		CONSUMERS ENERGY MIDSTREAM REBATE				
		PROGRAM				
		BASEMENT				
8ea	1399508	SATCO S9916 14T8/LED/48-850/BP				
		120-277V 14watt 5000K 1800 lumens				

\*\*\* Continued on Next Page \*\*\*



**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

# Quotation

QUOTE DATE	QUOTE NUMBER	PAGE NO.
05/17/18	S4333126	4
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 FAX 989-345-4575		

QUOTE TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER		RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		AIRPORT LED			05/17/18
SALESPERSON		SHIP VIA		TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL		1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT	
		TYPE B DOUBLE ENDED LED BATHROOMS			
4ea	1418928	SATCO S29852 9WPLH/LED/840/DR/4P LOBBY			
4ea	1418928	SATCO S29852 9WPLH/LED/840/DR/4P OUTSIDE INDIRECT			
24ea	1418928	SATCO S29852 9WPLH/LED/840/DR/4P OUTSIDE SOFIT			
2ea	1419239	SATCO S29838 9.8A19/OMNI/220/LED/40K 9.8W 120V LED LAMP			
-2ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM OUTSIDE PORCH LIGHTS			
TAXES NOT INCLUDED					
THIS IS A QUOTATION			Subtotal		
Prices will expire on 05/16/18			S&H CHGS		
APPLICABLE TAXES EXTRA !			0.00		
			Amount Due		

THIS IS A QUOTATION  
 Prices will expire on 05/16/18  
 APPLICABLE TAXES EXTRA !

# LIGHTING PROJECTS DETAIL

## ENERGY SPECIALTIES GROUP

8744 YELLOWSTONE  
LANSING, MI. 48917

Services Performed By:  
ENERGY SPECIALTIES GROUP

Services Performed For:  
WEST BRANCH CITY  
HALL

### INTERIOR LIGHTING

This portion of the project consists of (13) 2 lamp T8 fixtures, and (34) 4 lamp T8 fixtures throughout the entire City Hall facility. These fixtures are to be direct wired and new T8 LED 18 watt lights to be installed. There are to be (5) exit signs installed and (7) new "Globe" style light fixtures to replace the existing hanging fixtures.

### EXTERIOR LIGHTING

This portion of the project consists of (2) post that will have 18 watt LED lamps installed to replace existing CFL bulbs.

# PROJECT BREAKDOWN

TOTAL KILOWATTS REDUCED	2.43
ANNUAL KWH SAVED	12,237.22
TOTAL ANNUAL DOLLARS SAVED	\$1,346.09
ENERGY SAVINGS PERCENTAGE	55.42%
TOTAL PROJECT COST	\$4605.00 (Including Labor)
CONSUMERS REBATE (C&I)	(\$1193.00)
NET PROJECT COST	\$3412.00
ROI (YRS)	2.53 (Including Labor)

CUSTOMER SIGNATURE\_\_\_\_\_

ESG  
SIGNATURE\_\_\_\_\_



ENERGY SPECIALTIES GROUP, LLC.

8744 YELLOWSTONE LANE  
LANSING, MI. 48917

# Invoice

Date	Invoice #
7/10/2018	2018193

Bill To
<b>CITY OF WEST BRANCH</b> <b>121 N. FOURTH ST</b> <b>WEST BRANCH, MI. 48661</b>

Ship To
<b>CITY OF WEST BRANCH</b> <b>121 N. FOURTH ST</b> <b>WEST BRANCH, MI 48661</b>

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
<b>CITY HALL</b>	<b>CUSTOM</b>	<b>MJG</b>	<b>7/10/2018</b>			

Quantity	Item Code	Description	Price Each	Amount
4	K2L1	LED-AD-15W1100-50 OUTSIDE ALAMPS COVERED BY MIDSTREAM PROGRAM	0.00	0.00
4	ELECTRICAL ...	ELECTRICIAN INSTALLATION ***** *****	20.00	80.00
7	MISC.	DECORATIVE LED GLOBE LIGHTS TO REPLACE EXISTING	119.00	833.00
7	ELECTRICAL ...	PROG P5332-20 1LT 75W ELECTRICIAN INSTALLATION ***** *****	50.00	350.00
5	MISC.	LITHONIA LED EXIT SIGNS	55.00	275.00
5	ELECTRICAL ...	ELECTRICIAN INSTALLATION ***** *****	35.00	175.00
172	EST-ES18115	56-T8AL-120-15W-40K-F-B (BALLAST BYPASS - 50000 HOURS) DLC APPROVED (BATHROOMS, BACK EXIT AREA, COUNCIL CHAMBER, COUNCIL BREAK ROOM, CHAMBER UTILITY ROOM, SERVICE COUNTER, SERVICE AREA, STORAGE, AND OFFICES)	7.25	1,247.00
47	ELECTRICAL ...	ELECTRICIAN INSTALLATION ***** ***** ***** ESTIMATED REBATE \$1193.00 TAXES NOT INCLUDED	35.00	1,645.00

Thank you for your business.

E-mail
<b>WATTSPLASHER@GMAIL.COM</b>

**Total** **\$4,605.00**



**ENERGY SPECIALTIES GROUP**

8744 YELLOWSTONE

LANSING, MI. 48917

Services Performed By:

ENERGY SPECIALTIES GROUP

Services Performed For:

WEST BRANCH POLICE  
DEPT**INTERIOR LIGHTING**

This portion of the project consists of (3) 2 lamp T8 fixtures, (21) 3 lamp T8 fixtures, and (26) 4 lamp T8 fixtures throughout the entire police station. These fixtures are to be direct wired and new T8 LED 18 watt lights to be installed. (8) PL lamps installed in ceiling cans and (5) new LED exit With remote heads.

**EXTERIOR LIGHTING**

This portion of the project consists of (4) wall packs that will be removed and new 28 watt LED full cutoff wall packs will be installed. (2) 400 watt parking lot lights will be removed and new 80 watt LED parking lot fixtures will be installed.

# PROJECT BREAKDOWN

TOTAL KILOWATTS REDUCED	2.40
ANNUAL KWH SAVED	18,932.94
TOTAL ANNUAL DOLLARS SAVED	\$2,082.62
ENERGY SAVINGS PERCENTAGE	66.62%
TOTAL PROJECT COST	\$4342.50
CONSUMERS REBATE (C&I)	(\$2005.00)
NET PROJECT COST	\$2337.50
ROI (YRS)	1.12 yrs (Including Labor)

CUSTOMER SIGNATURE\_\_\_\_\_

ESG

SIGNATURE\_\_\_\_\_

ENERGY SPECIALTIES GROUP, LLC.

8744 YELLOWSTONE LANE  
LANSING, MI. 48917**Invoice**

Date	Invoice #
7/10/2018	20181935

Bill To
<b>CITY OF WEST BRANCH 121 N. FOURTH ST WEST BRANCH, MI. 48661</b>

Ship To
<b>CITY OF WEST BRANCH 121 N. FOURTH ST WEST BRANCH, MI 48661</b>

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
POLICE STA...	CUSTOM	MJG	7/10/2018	DROP OFF		
Quantity	Item Code	Description			Price Each	Amount
6	EST-ES18115	56-T8AL-120-15W-40K-F-B (BALLAST BYPASS - 50000 HOURS) DLC APPROVED ENTRY WAY AND LOBBY			7.25	43.50
142	EST-ES18115	56-T8AL-120-15W-40K-F-B (BALLAST BYPASS - 50000 HOURS) DLC APPROVED ALL TROFFERS AND WRAPS			7.25	1,029.50
48	ELECTRICAL ...	ELECTRICIAN INSTALLATION (DIRECT WIRE T8 FIXTURES AND INSTALL NEW LED TUBES) ***** ***** ***** *****			30.00	1,440.00
8	K5Q1	PL-2650-PP-G24 (RECESSED CANS)			11.50	92.00
8	ELECTRICAL ...	ELECTRICIAN INSTALLATION ***** ***** ***** *****			15.00	120.00
4	HC-WP-T5-28W	28 WATT WALL PACKS (OUTSIDE WALLPACKS)			123.00	492.00
4	ELECTRICAL ...	ELECTRICIAN INSTALLATION ***** ***** ***** *****			55.00	220.00
2	HC-RKNT-80...	HC-RKNT-80W-5500K (PARKING LOT REPLACEMENT UNIT)			124.00	248.00
2	ELECTRICAL ...	ELECTRICIAN INSTALLATION ***** ***** ***** *****			75.00	150.00

Thank you for your business.

E-mail

WATTSLASHER@GMAIL.COM

Page 1

**Total**

ENERGY SPECIALTIES GROUP, LLC.

8744 YELLOWSTONE LANE  
LANSING, MI. 48917

# Invoice

Date	Invoice #
7/10/2018	20181935

Bill To
<b>CITY OF WEST BRANCH 121 N. FOURTH ST WEST BRANCH, MI. 48661</b>

Ship To
<b>CITY OF WEST BRANCH 121 N. FOURTH ST WEST BRANCH, MI 48661</b>

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
<b>POLICE STA...</b>	<b>CUSTOM</b>	<b>MJG</b>	<b>7/10/2018</b>	<b>DROP OFF</b>		

Quantity	Item Code	Description	Price Each	Amount
5	MISC.	LITHONIA LED EXIT SIGN WITH REMOTE HEADS	64.00	320.00
5	ELECTRICAL ...	ELECTRICIAN INSTALLATION ***** ***** ***** ***** *****  ESTIMATED REBATE THROUGH CONSUMERS ENERGY SMALL BUSINESS \$2,005.00 TAXES ARE NOT INCLUDED	37.50	187.50

Thank you for your business.

E-mail
<b>WATTSLASHER@GMAIL.COM</b>

**Total** **\$4,342.50**

**ENERGY SPECIALTIES GROUP**

8744 YELLOWSTONE  
LANSING, MI. 48917

Services Performed By:

ENERGY SPECIALTIES GROUP

Services Performed For:

WEST BRANCH DPW  
GARAGE

**INTERIOR LIGHTING**

This portion of the project consists of (6) 400 watt Metal Halide high bay fixtures in the maintenance area that will be replaced with (6) 165 watt Linear LED high bay fixtures and (21) 400 watt Metal Halide fixtures in the vehicle storage area that will be changed to (21) 165 watt LED linear high bay fixtures. We will be delamping (9) fixtures in this area that are not needed with the higher wattage LED fixtures. There are (9) 4 lamp T8 fluorescent fixtures in the office area that will be direct wired and new T8 LED 18 watt lights to be installed.

**EXTERIOR LIGHTING**

This portion of the project consists of (2) wall packs that will be removed and have (2) new 60 watt LED wall packs installed.

# PROJECT BREAKDOWN

TOTAL KILOWATTS REDUCED	2.91
ANNUAL KWH SAVED	23,524.88
TOTAL ANNUAL DOLLARS SAVED	\$2,587.74
ENERGY SAVINGS PERCENTAGE	71.11%
TOTAL PROJECT COST	\$8,162.25
CONSUMERS REBATE (C&I)	\$3,792.39 (small business)
NET PROJECT COST	\$4,369.86
ROI (YRS)	1.69

CUSTOMER SIGNATURE\_\_\_\_\_

ESG

SIGNATURE\_\_\_\_\_

ENERGY SPECIALTIES GROUP, LLC.

# Invoice

8744 YELLOWSTONE LANE  
LANSING, MI. 48917

Date	Invoice #
7/10/2018	20181938

Bill To
<b>CITY OF WEST BRANCH 121 N. FOURTH ST WEST BRANCH, MI. 48661</b>

Ship To
<b>CITY OF WEST BRANCH 121 N. FOURTH ST WEST BRANCH, MI 48661</b>

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
<b>DPW</b>	<b>CUSTOM</b>	<b>MJG</b>	<b>7/10/2018</b>	<b>DROP OFF</b>		

Quantity	Item Code	Description	Price Each	Amount
7	MISC.	MISC ALAMPS AND PAR LAMPS (SALT BARN, WAREHOUSE, AND UPSTAIRS STORAGE) (COVERED BY CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM)	0.00	0.00
7	ELECTRICAL ...	ELECTRICIAN INSTALLATION ***** ***** *****	10.00	70.00
36	EST-ES18115	56-T8AL-120-15W-40K-F-B (BALLAST BYPASS - 50000 HOURS) DLC APPROVED	7.25	261.00
9	ELECTRICAL ...	ELECTRICIAN INSTALLATION ***** ***** *****	35.00	315.00
2	MISC.	LED EXIT SIGNS WITH LED HEADS	65.00	130.00
2	ELECTRICAL ...	MASTER ELECTRICIAN INSTALLATION ***** ***** *****	35.00	70.00
2	HC-WPN-T6-...	HC-WPN-T6-60W (NEW DLC LED WALLPACK TO REPLACE EXISTING WALLPACKS) THESE WALL PACKS ARE OLDER AND SHOULD HAVE THE WHOLE FIXTURE REPLACED INSTEAD OF AN 80 WATT CORN LAMP AS PROPOSED BY MEDLER ELECTRIC	138.00	276.00
2	ELECTRICAL ...	ELECTRICIAN INSTALLATION ***** ***** *****	55.00	110.00

Thank you for your business.

E-mail

WATTSLASHER@GMAIL.COM

Page 1

**Total**



ENERGY SPECIALTIES GROUP, LLC.

8744 YELLOWSTONE LANE  
LANSING, MI. 48917

# Invoice

Date	Invoice #
7/10/2018	20181938

Bill To
<b>CITY OF WEST BRANCH 121 N. FOURTH ST WEST BRANCH, MI. 48661</b>

Ship To
<b>CITY OF WEST BRANCH 121 N. FOURTH ST WEST BRANCH, MI 48661</b>

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
<b>DPW</b>	<b>CUSTOM</b>	<b>MJG</b>	<b>7/10/2018</b>	<b>DROP OFF</b>		

Quantity	Item Code	Description	Price Each	Amount
27	GL20005	1.5' X 2' 165WATT 5000K LINEAR HIGH BAY (THIS IS A BRAND NEW FIXTURE TO REPLACE THE OLD DOMED HIGH BAYS) THE FIXTURE THAT MEDLER ELECTRIC IS PROPOSING IS A SCREW IN LED THAT GOES RIGHT BACK IN PLACE OF THE OLD BULB. THESE OLD FIXTURES WOULD HAVE TO BE TAKEN DOWN, THE HOUSING CRACKED OPEN, THEN THE BALLAST EITHER REMOVED OR BY-PASSED. THIS WOULD ENTAIL 2 TO 3 TIMES THE LABOR, AND GIVE YOU A MUCH LESSER QUALITY END RESULT ELECTRICIAN INSTALLATION	196.67593	5,310.25
27	ELECTRICAL ...	***** ***** ***** ESTIMATED REBATE THROUGH CONSUMERS ENERGY SMALL BUSINESS PROGRAM \$3792.00 TAXES NOT INCLUDED	60.00	1,620.00

Thank you for your business.

E-mail
<b>WATTSLASHER@GMAIL.COM</b>

**Total** **\$8,162.25**

## ENERGY SPECIALTIES GROUP

8744 YELLOWSTONE

LANSING, MI. 48917

Services Performed By:

ENERGY SPECIALTIES GROUP

Services Performed For:

WEST BRANCH AREA  
WASTE WATER  
TREATMENT PLANT

### INTERIOR LIGHTING

This portion of the project consists of (75) T8 fixtures and (35) T5 fixtures throughout the facility. Energy Specialties Group will remove and dispose of the existing fluorescent lamps, direct wire all T8 fixtures and install new T8 LED lamps in each fixture. T5 led lamps are driven off the existing ballast, so these fixtures will not be direct wired.

### EXTERIOR LIGHTING

This portion of the project we will be replacing (12) 150 watt HID fixtures with 40 watt retrofit LED's, (11) 250 watt HID fixtures with 80 watt retrofit LED's, and (17) 100 watt HID fixtures with 28 watt LED's. All fixtures to have ballasts bypassed for new LED lighting.

# PROJECT BREAKDOWN

TOTAL KILOWATTS REDUCED	.33
ANNUAL KWH SAVED	55,722.14
TOTAL ANNUAL DOLLARS SAVED	\$6,129.44
ENERGY SAVINGS PERCENTAGE	72%
TOTAL PROJECT COST	\$11,663.00
CONSUMERS REBATE (C&I)	(\$2206.00)
NET PROJECT COST	\$9457.00
ROI (YRS)	1.55 yrs (Including Labor)

CUSTOMER SIGNATURE\_\_\_\_\_

ESG  
SIGNATURE\_\_\_\_\_

ENERGY SPECIALTIES GROUP, LLC.

8744 YELLOWSTONE LANE  
LANSING, MI. 48917

# Invoice

Date	Invoice #
7/10/2018	20181936

Bill To
<b>CITY OF WEST BRANCH 121 N. FOURTH ST WEST BRANCH, MI. 48661</b>

Ship To
<b>CITY OF WEST BRANCH 121 N. FOURTH ST WEST BRANCH, MI 48661</b>

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
<b>WWTP</b>	<b>CUSTOM</b>	<b>MJG</b>	<b>7/10/2018</b>	<b>DROP OFF</b>		

Quantity	Item Code	Description	Price Each	Amount
300	EST-ES18115	56-T8AL-120-15W-40K-F-B (BALLAST BYPASS - 50000 HOURS) DLC APPROVED	7.25	2,175.00
75	ELECTRICAL ...	ELECTRICIAN INSTALLATION	30.00	2,250.00
		*****		0.00
70	MISC.	ECOBRIGHT T5 LED 325.5 WATT 5000K 3500 LUMEN (DLC APPROVED)	11.75	822.50
35	ELECTRICAL ...	ELECTRICIAN INSTALLATION	30.00	1,050.00
		*****		
12	HC-RKNT-40W	40 WATT RETROFIT KIT (TO REPLACE 150 WATT HID LAMPS)	83.50	1,002.00
		22 WATT LED CORN LAMP WILL NOT EFFECTIVELY REPLACE A 150 WATT HID AS PROPOSED BY MEDLER ELECTRIC		
12	ELECTRICAL ...	ELECTRICIAN INSTALLATION	65.00	780.00
		*****		
11	HC-RKNT-80...	HC-RKNT-80W-5500K (TO REPLACE 250 WATT HID LAMPS)	124.00	1,364.00
		54 WATT LED CORN LAMP WILL NOT EFFECTIVELY REPLACE A 250 WATT HID AS PROPOSED BY MEDLER ELECTRIC		
11	ELECTRICAL ...	ELECTRICIAN INSTALLATION	65.00	715.00
		*****		
12	K2L1	LED-AD-15W1100-50 (MISC A LAMPS COVERED BY CONSUMERS MIDSTREAM PROGRAM)	0.00	0.00

Thank you for your business.

E-mail
<b>WATTSLASHER@GMAIL.COM</b>
Page 1

**Total**

ENERGY SPECIALTIES GROUP, LLC.

8744 YELLOWSTONE LANE  
LANSING, MI. 48917

# Invoice

Date	Invoice #
7/10/2018	20181936

Bill To
<b>CITY OF WEST BRANCH</b> <b>121 N. FOURTH ST</b> <b>WEST BRANCH, MI. 48661</b>

Ship To
<b>CITY OF WEST BRANCH</b> <b>121 N. FOURTH ST</b> <b>WEST BRANCH, MI 48661</b>

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
<b>WWTP</b>	<b>CUSTOM</b>	<b>MJG</b>	<b>7/10/2018</b>	<b>DROP OFF</b>		

Quantity	Item Code	Description	Price Each	Amount
17	HC-CBB-28W	***** ***** ***** <b>HC-CBB-28W DLC LISTED</b> <b>(TO REPLACE 100 WATT HID LAMPS)</b> <b>18 WATT CORN LAMP WILL NOT</b> <b>EFFECTIVELY REPLACE 100 WATT MH AS</b> <b>PROPOSED BY MEDLER ELECTRIC</b> <b>ELECTRICIAN INSTALLATION</b> ***** ***** *****	51.00	867.00
17	ELECTRICAL ...	<b>ESTIMATED REBATE THROUGH CONSUMERS</b> <b>ENERGY \$2206.00</b>	37.50	637.50

Thank you for your business.

E-mail
<b>WATTSLASHER@GMAIL.COM</b>
Page 2

**Total** **\$11,663.00**

# LIGHTING PROJECTS DETAIL

## ENERGY SPECIALTIES GROUP

8744 YELLOWSTONE  
LANSING, MI. 48917

Services Performed By:

ENERGY SPECIALTIES GROUP

Services Performed For:

WEST BRANCH

DOWNTOWN LIGHTS

### EXTERIOR LIGHTING

This portion of the project consists of (129) Street lamp posts that will have the existing 150 watt Metal halide lamps removed, ballasts bypassed, and new 38 watt LED lights be installed. These lamps are located in the downtown district, Ray Streetscape, Chamber Streetscape, and the Covered Bridge.

# PROJECT BREAKDOWN

TOTAL KILOWATTS REDUCED	.51
ANNUAL KWH SAVED	86,486.40
TOTAL ANNUAL DOLLARS SAVED	\$9,513.50
ENERGY SAVINGS PERCENTAGE	80%
TOTAL PROJECT COST	\$11,610.00
CONSUMERS REBATE (C&I)	(\$4432.00)
NET PROJECT COST	\$7178.00
ROI (YRS)	.75 yrs (Including Labor)

CUSTOMER SIGNATURE\_\_\_\_\_

ESG  
SIGNATURE\_\_\_\_\_



ENERGY SPECIALTIES GROUP, LLC.

8744 YELLOWSTONE LANE  
LANSING, MI. 48917

# Invoice

Date	Invoice #
6/29/2018	20181934

Bill To
<b>CITY OF WEST BRANCH 121 N. FOURTH ST WEST BRANCH, MI. 48661</b>

Ship To
<b>CITY OF WEST BRANCH 121 N. FOURTH ST WEST BRANCH, MI 48661</b>

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
<b>DOWNTOWN...</b>	<b>CUSTOM</b>	<b>MJG</b>	<b>7/10/2018</b>	<b>DROP OFF</b>		

Quantity	Item Code	Description	Price Each	Amount
<b>129</b>	<b>HC-CBB-38W</b>	<b>HC-CBB-38W (DLC LISTED RETROFIT LAMP)</b>	<b>47.50</b>	<b>6,127.50</b>
<b>1</b>	<b>MISC.</b>	<b>MOG TO MED ADAPTER (\$3.25 PER) AS</b>	<b>0.00</b>	<b>0.00</b>
		<b>NEEDED</b>		
<b>129</b>	<b>ELECTRICAL ...</b>	<b>ELECTRICIAN INSTALLATION</b>	<b>42.50</b>	<b>5,482.50</b>
		*****		
		*****		
		*****		
		<b>TAXES ARE NOT INCLUDED</b>		
		<b>ESTIMATED CONSUMERS ENERGY REBATE</b>		
		<b>\$4,432.00</b>		

Thank you for your business.

E-mail

**WATTSLASHER@GMAIL.COM**

**Total**

**\$11,610.00**



## Electrical Contracting

### Technology Systems Integrating

2350 W. M-61  
Gladwin Mi, 48624  
(989) 426-9860

---

#### PROPOSAL SUBMITTED TO

John Dantzer

#### PHONE

(989) 345-0500

#### DATE

7/11/18

#### JOB LOCATION

John Dantzer  
121 N. 4<sup>th</sup> st.  
West Branch, Mi 48661

PROJECT: City of West Branch City Hall

---

#### ❖ Quote to Include:

- All supervision
  - Tools/equipment
  - Work to be performed during normal working hours (7:30 a.m- 4:00 p.m, Monday – Friday)
  - Work that meets all applicable codes
  - All necessary inspections and permits
  - Building
    - ✓ City Hall
  - Materials to install:
    - ✓ New By-Pass Ballast LED Lamps
      - 172/T8 LED Lamps
      - 4/ 11W Screw in A-Lamps
      - 7/9 W Screw in LED Lamp
      - 5/ Emergency LED Exit signs
  - Removal/Disposal of all old lamps and fixtures
  - Estimated Incentive/Rebate = \$516.00
    - ✓ Incentive/Rebate subject to change, based on Consumers Energy program
  - All Incentives/Rebates will be made to the City of West Branch

#### ❖ Exclusions:

- ✓ Any Electrical Scope not mentioned above

**Total Project Cost: \$6,417.00**

***Payment terms: 50% is due upon signing of proposal; remaining balance due, day of completion***

*Acceptance of Proposal* - The above prices, specifications and conditions are satisfactory and are hereby accepted.  
You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: \_\_\_\_\_ Signature: \_\_\_\_\_



# S9846

9A19/CL/LED/E26/30K/120V  
9 watt A19 LED; Clear; Medium base; 3000K; 1100 lumens;  
120 volts

## Features

- LED with a traditional incandescent look and feel
- Omni-directional light source
- Smooth dimming
- Replaces up to 75 watt lamps
- Long life - 15,000 hours
- Damp Location
- UL listed for totally enclosed fixtures



S9846

Item Number	UPC	Voltage	Watts	Incandescent Equivalent	Lamp Shape	Base	ANSI Base
S9846	045923098468	120	9	75W	A19	Medium	E26

Lamp Code	Dimmable/Non-Dimmable	Suggested Dimmers	Finish	MOL In Inches	MOD In Inches	Initial Lumens	Average Rated Hours
9A19/CL/LED/E26/30K/120V	Dimmable	<u>Compatible dimmers for S9846</u>	Clear	4-1/2"	2-3/8"	1100	15000

Kelvin Temp	Color	CRI	Operating Temperature	Pack	Package Type	CEC Status	RoHS Compliant
3000	Warm White	80	-20C (-4F) to a maximum of +45C (+113F)	24/6	Box	Non-Compliant	Yes

UL or ETL Listed	UL Classification	Warranty
Yes	cULus - Damp Location Rated	3 Year Limited



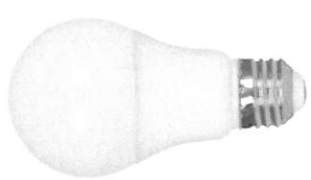
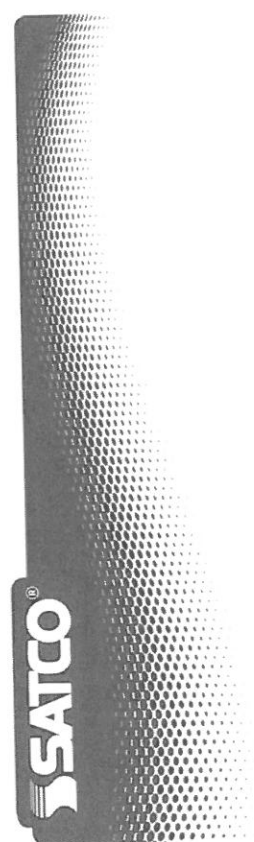
**National Toll Free:**  
 800.437.2826  
 (900.437.2826)  
 www.satco.com

**Distribution Centers:**  
 New York, Florida, Texas,  
 Washington, California,  
 Puerto Rico

**Corporate Offices:**  
 110 Heartland Blvd.,  
 Brentwood, NY 11717  
 800.437.2826, 631.243.2022  
 Fax 631.243.2027







# S29812

11A19/LED/4000K/1100L/120V/D  
11 watt; A19 LED; 4000K; Medium base; 220° beam spread;  
120 volts

- Features
- A-Shape replacement lamp
  - 75w equivalent
  - 220° beam angle
  - UL approved for totally enclosed fixtures
  - Damp location rated
  - Dimmable

S29812

Item Number	UPC	Voltage	Watts	Incandescent Equivalent	Power Factor	Lamp Shape	Base
S29812	045923298127	120	11	75W	0.96	A19	Medium
ANSI Base	Lamp Code	Dimmable/Non-Dimmable	Suggested Dimmers	Finish	MOL In Inches	MOD In Inches	Initial Lumens
E26	11A19/LED/4000K/1100L/120V/D	Dimmable	Compatible dimmers for S29812	Frosted	4-3/8"	2-3/8"	1100
Average Rated Hours	Kelvin Temp	Color	CRI	Beam Spread Deg	Operating Temperature	Pack	Package Type
25000	4000	Cool White	80	220	-20C (-4F) to a maximum of +45C (+113F)	24/6	Box
ENERGY STAR	CEE Status	RoHS Compliant	UL or ETL Listed	UL Classification	Warranty		
ENERGY STAR	Non-Compliant	Yes	Yes	cULus - Damp Location Rated	5 Year Limited		



## FEATURES & SPECIFICATIONS

### INTENDED USE

LED lighted exit signs for marking the means of egress in accordance with Life Safety Code NFPA 101.

### CONSTRUCTION

Injection-molded, flame-retardant, high-impact, thermoplastic housing with snap-fit design components for easy installation. Universal J-bore pattern and universal mounting capabilities: top, back or end mounting (canopy included). Universal fixtures are easily removed for directional indication. Fully ventilated single face with extra large plate for easy field conversion to double face.

Letters 6" high with 3/4" stroke, with 100 ft viewing distance rating based on IESNA standards.

### OPTICS

The typical life of the LED lamp is 10 years.

### ELECTRICAL

Dual voltage input 120V or 277V AC. Emergency exit, provided with test switch, status indicator and rechargeable battery.

Battery (UL models) maintenance-free nickel cad battery provides 90 minutes of emergency power.

### LISTINGS

UL Listed. Meets UL 924, NFPA 101, NFPA 70 NEC, and OSHA Illumination standards. Indoor damp location 50° to 104°F (10°C to 40°C) listed standard.

### WARRANTY

Fixtures are covered by lithium lighting 24-month warranty against mechanical defects in manufacture. Complete warranty terms located at:

[www.aaculbrands.com/customerResources/terms\\_and\\_conditions.aspx](http://www.aaculbrands.com/customerResources/terms_and_conditions.aspx)

All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and void all warranties. Note: Specifications subject to change without notice.

Actual performance may differ as a result of end user environment and application.

### Contractor Select

## LED Exits



EWLED



Height with canopy: 7 7/8"

All dimensions are inches (millimeters).

### ORDERING INFORMATION

Catalog Number	UPC	Description	Supply Voltage	Input Wattage	Pallet Qty.	Standard Carton Qty.
EXR LED M6	7842318-6684	Red exit	120/277	2	360	6
EXR LED M6	7842318-6806	Green exit	120/277	2	360	6
EXR LED FL M6	7842318-4778	Red exit with backup battery	120/277	2	360	6
EXR LED FL M6	7842318-4851	Green exit with backup battery	120/277	2	360	6

### Accessories: Order as separate catalog number

ELA WGT	Winguard (back mount only)
ELA WGT1	Winguard (top mount only)
ELA WGT2	Winguard (end mount only)

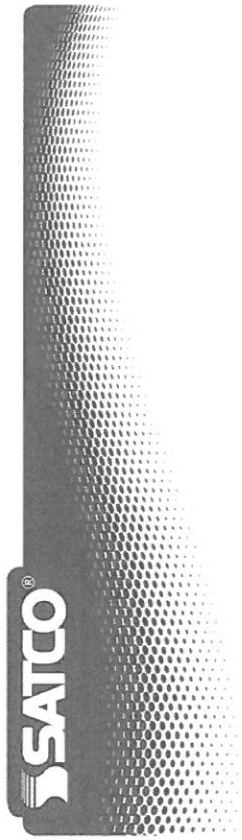
Notes  
1 See spec sheet (ELA.WG).

### CONTRACTOR SELECT / EMERGENCY

CONTRACTOR SELECT / EMERGENCY One Lithonia Way Congress, GA 30012 Phone: 800.334.8694 Fax: 770.981.8141 [www.lithonia.com](http://www.lithonia.com) © 2011, 2014 Acuity Brands Lighting, Inc. All rights reserved. Rev. 04/2014



LED-EXIT5



## S9915

14T8/LED/48-840/BP 120-277V  
14 watt T8 LED; Medium bi-pin base; 4000K; 50000 average  
rated hours; 1800 lumens

### Features

- All glass tube
- Direct wire 120-277V line voltage\*
- NSF Approved
- No ballast or external driver required
- Built-in shock resistant circuit - (not hot until both ends are installed)

\*Existing wiring to both sockets can remain in place  
\*Will work on both shunted or non-shunted sockets



S9915

Item Number	UPC	Voltage	Watts	Fluorescent Equivalent	Lamp Shape	Base	ANSI Base
S9915	045923099151	120-277	14	25W-32W	T8	Medium Bi-Pin	G13
Lamp Code	Dimmable/Non-Dimmable	Finish	MOL In Inches	MOD In Inches	Initial Lumens	Average Rated Hours	Kelvin Temp
14T8/LED/48-840/BP 120-277V	Non-Dimmable	White	48"	1.00"	1800	50000	4000
Color	CRI	Beam Spread Deg	Pack	Package Type	CEC Status	DLC ID	RoHS Compliant
Cool White	82	220	10	Box	Lawful for sale in California	PTTQD4BR DLC Search	Yes
UL or ETL Listed		UL Classification		Warranty			
Yes		cULus - Damp Location Rated		5 Year Limited			



National Toll-Free:  
800.433.SATCO  
(800.433.7826)  
www.satco.com

Distribution Centers:  
New York, Florida, Texas,  
Washington, California,  
Puerto Rico

Corporate Offices:  
110 Heartland Blvd.  
Brentwood, NY 11717  
800.433.7826 (831.243.2022)  
Fax 631.243.2027



©2012 Satco Products, Inc. Not responsible for typographical errors. 06/12 (5/10)



## Electrical Contracting

## Technology Systems Integrating

2350 W. M-61  
Gladwin Mi, 48624  
(989) 426-9860

---

### PROPOSAL SUBMITTED TO

John Dantzer

### PHONE

(989) 345-0500

### DATE

7/11/18

### JOB LOCATION

John Dantzer  
121 N. 4<sup>th</sup> st.  
West Branch, Mi 48661

PROJECT: City of West Branch City Police Department

---

#### ❖ Quote to Include:

- All supervision
  - Tools/equipment
  - Work to be performed during normal working hours (7:30 a.m- 4:00 p.m, Monday – Friday)
  - Work that meets all applicable codes
  - All necessary inspections and permits
  - Building
    - ✓ City Police Department
  - Materials to install:
    - ✓ New By-Pass Ballast LED Lamps
      - 148/T8 LED Lamps
      - 1/Emergency LED Exit sign
      - 4/Exit-Emergency Combo sign
      - 5/LED remote heads
      - 8/Recessed Can
      - 4/26W exterior wall packs
      - 2/80W LED Lamp
        - Flood light replacement lamp
- Removal/Disposal of all old lamps and fixtures
- Estimated Incentive/Rebate = \$602.48
  - ✓ Incentive/Rebate subject to change, based on Consumers Energy program
- All Incentives/Rebates will be made to the City of West Branch

#### ❖ Exclusions:

- ✓ Any Electrical Scope not mentioned above

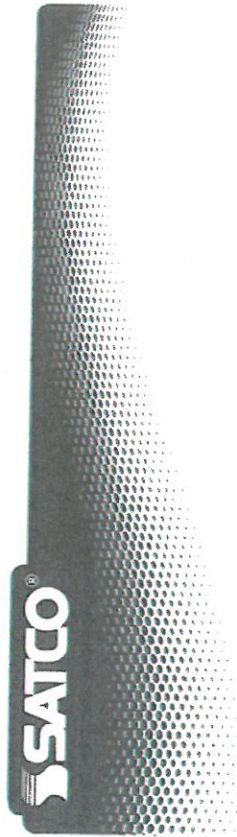
**Total Project Cost: \$5,482.00**

**Payment terms: 50% is due upon signing of proposal; remaining balance due, day of completion**

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted.  
You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: \_\_\_\_\_ Signature: \_\_\_\_\_





## S9915

14T8/LED/48-840/BP 120-277V  
14 watt T8 LED; Medium bi-pin base; 4000K; 50000 average  
rated hours; 1800 lumens

### Features

- All glass tube
- Direct wire 120-277V line voltage\*
- NSF Approved
- No ballast or external driver required
- Built-in shock resistant circuit - (not hot until both ends are installed)

\*Existing wiring to both sockets can remain in place  
\*Will work on both shunted or non-shunted sockets



S9915

Item Number	UPC	Voltage	Watts	Fluorescent Equivalent	Lamp Shape	Base	ANSI Base
S9915	045923099151	120-277	14	25W-32W	T8	Medium Bi-Pin	G13
Lamp Code							
14T8/LED/48-840/BP	Dimmable/Non-Dimmable	Finish	MOI in inches	MOD in inches	Initial Lumens	Average Rated Hours	Kelvin Temp
120-277V	Non-Dimmable	White	48"	1.00"	1800	50000	4000
Color	CRI	Beam Spread Deg	Pack	Package Type	CEC Status	DLC ID	RoHS Compliant
Cool White	82	220	10	Box	Lawful for sale in California	PTTQD4BR <a href="#">DLC Search</a>	Yes
UL or ETL Listed							
Yes	UL Classification			cULus - Damp Location Rated		Warranty	
						5 Year Limited	



National Toll Free:  
800-49-SATCO  
(800-437-2896)  
www.satco.com

Distribution Centers:  
New York, Florida, Texas,  
Washington, California,  
Puerto Rico

Corporate Offices:  
110 Highland Blvd.  
Brentwood, NY 11717  
800-437-2896 (631-243-2022)  
Fax 631-243-2027

©2019 Satco Products, Inc. All Rights Reserved. SATCO and SATCO logo are registered trademarks of SATCO.



## FEATURES & SPECIFICATIONS

### INTENDED USE

LED lighted exit signs for marking the means of egress in accordance with LBP Safety Code NFPA 101.

### CONSTRUCTION

Injection-molded, flame-retardant, high-impact, thermoplastic housing with snap-fit design components for easy installation. Universal J-box pattern and universal mounting capabilities: top, back or end mounting (canopy included). Universal thermos are easily removed for directional indication. Fully assembled single face with extra faceplate for easy field conversion to double face.

Letters 6" high with 3/4" stroke, with 100 ft viewing distance rating, based on (IE924) Standards.

### OPTICS

The typical life of the LED lamp is 10 years.

### ELECTRICAL

Dual-voltage input 120V or 277V AC. Emergency exits provided with test switch, status indicator and rechargeable battery.

Battery: (EL models) maintenance-free nickel cad battery provides 90 minutes of emergency power.

### LISTINGS

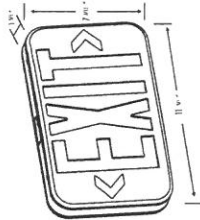
UL Listed. Meets UL 924, NFPA 101, NFPA 70-MFC, and OSHA Illumination Standards. Indoor damp location 50° to 104°F (10°C to 40°C) listed standard.

### WARRANTY

Fixtures are covered by Lithonia Lighting 24-month warranty against mechanical defects in manufacture. Complete warranty terms located at: [www.lithoniamanufacturing.com/customer-service/return\\_and\\_refund\\_policy.asp](http://www.lithoniamanufacturing.com/customer-service/return_and_refund_policy.asp)

All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties. Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.



Height with canopy: 7 1/8"

All dimensions are in inches (millimeters).

### ORDERING INFORMATION

Catalog Number	UPC	Description	Supply Voltage	Input Wattage	Pallet Qty.	Standard Carton Qty.
EXL LED M6	7842310-4684	Red exit	120/277	7	360	6
DGL LED M6	7842310-4686	Green exit	120/277	7	360	6
EXL LED L6 M6	7842310-4738	Red exit with backup battery	120/277	7	360	6
DGL LED L6 M6	7842310-4831	Green exit with backup battery	120/277	7	360	6

**Accessories:** *Order as separate catalog number*  
ELA WGT Wingquad (back mount only)  
ELA WEXT Wingquad (top mount only)  
ELA WERE Wingquad (end mount only)

Notes  
1 See spec sheet LLS-305

CONTRACTOR SELECT / EMERGENCY

LED-EXIT5

## Emergency LED Exits

Catalog Number	Notes	Type

Contractor Select

## LED Exits



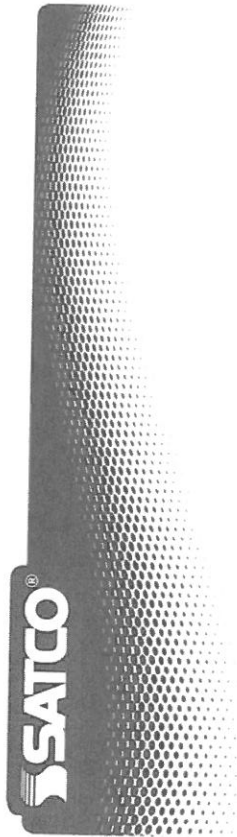
EXL LED



An Acuity Brands Company

CONTRACTOR SELECT / EMERGENCY: One Lithonia Way, Cary, NC 27513 Phone: 800-334-8694 Fax: 770-981-8141 [www.lithonia.com](http://www.lithonia.com) © 2011-2014 Acuity Brands Lighting, Inc. All rights reserved. Rev. 04/2014

LED-EXIT5



## S9856

9WPLH/LED/840/DR/2P  
9W LED PL 2-Pin; 4000K; 900 Lumens; G24d base; 50000  
Average rated hours; 120 Deg. beam spread

### Features

- Replaces 26 watt CFLs
- Direct Replacement - for use with Magnetic ballasts with no rewiring required. Ballast required
- Instant on to full brightness / no flickering
- Horizontal operation
- Up to 70% energy saving
- Long life - 50,000 hours
- 5 year warranty



S9856

### View:

Ballast Compatibility Chart  
Emergency Ballast Compatibility Chart

Item Number	UPC	Watts	Fluorescent Equivalent	Lamp Shape	Base	Lamp Code	Dimmable/Non-Dimmable
S9856	045923098567	9	26 watt CFL	PL	G24d	9WPLH/LED/840/DR/2P	Non-Dimmable
Finish	MOL in Inches	MOD in Inches	Initial Lumens	Average Rated Hours	Kelvin Temp	Color	CRI
Frost	6-5/8"	1-3/32"	900	50000	4000	Cool White	82
Beam Spread Deg	Operating Temperature	Package Type	CEC Status	RoHS Compliant	UL or ETL Listed	UL Classification	Warranty
120	-20C (-4F) to a maximum of +45C (+113F)	Box	Lawful for sale in California	Yes	Yes	cULus Classified - Damp Location Rated	5 Year Limited



National Toll-Free:  
800-43 SATCO  
(800-437-2826)  
www.satco.com

Distribution Centers:  
New York, Florida, Texas,  
Washington, California,  
Puerto Rico

Corporate Offices:  
110 Heartland Blvd.,  
Brentwood, NY 11717  
800-437-2826 631-243-2022  
Fax 631-243-2027



©2012 Satco Products, Inc. Not responsible for typographical errors. 06/12-51053



## FEATURES & SPECIFICATIONS

### INTENDED USE

Single and twin LED remote lamps for indoor and outdoor applications, for use as part of an emergency lighting system, providing light for path of egress.

### CONSTRUCTION

Indoor remote heads are injection-molded, engineering-grade, 5VA flame retardant, high-impact resistant, thermoplastic, white finish.

Weather-proof (WP) are die-cast aluminum, sealed and gasketed, gray finish. For use in damp and wet location areas.

Only compatible with EC LED HQ, ECB LED, LHQM LED HQ.

Fully adjustable lamp heads.

Suitable for wall or ceiling mount. Mounts to a single-gang switch box.

### OPTICS

One watt per head. The typical life of the LED lamp is 10 years. To be powered from low-voltage power source (9.6V only).

### LISTINGS

UL Listed.

Damp location listed (ELA LED) 32°F to 122°F (0°C to 50°C).

Wet location listed (ELA LED WP) -4°F to 122°F (-20°C to 50°C)

### WARRANTY

2-year limited warranty. Complete warranty terms located at:

[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties.

NOTE: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25°C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

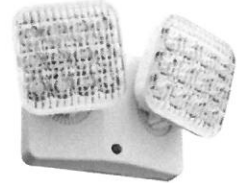
Contractor Select

# LED Remote Lamps

LED Lamps



ELA LED



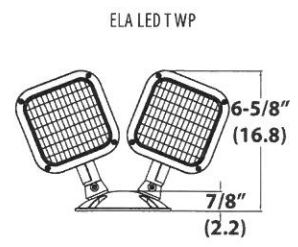
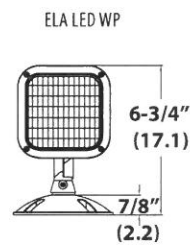
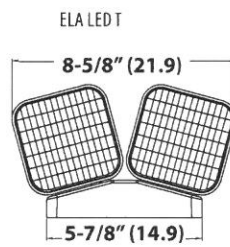
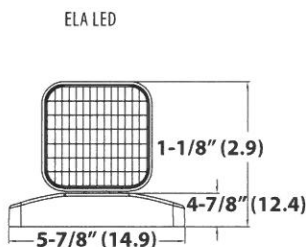
ELA LED T



ELA LED WP



ELA LED TWP



All dimensions are inches (centimeters).  
Shipping weight: 3.6 lbs. (1.6 kgs.).

### ORDERING INFORMATION

Catalog Number	UPC	Description	Voltage	Wattage <sup>1</sup>	Pallet Qty.	Standard Carton Qty.
ELA LED M12 <sup>2</sup>	784231918326	Single remote lamp	9.6	1	432	12
ELA LED T M12 <sup>2</sup>	784231918357	Double remote lamp	9.6	1	288	12
ELA LED WP M12 <sup>2</sup>	784231918418	Single, weather-proof remote lamp	9.6	1	432	12
ELA LED TWP M12 <sup>2</sup>	784231918449	Double, weather-proof remote lamp	9.6	1	192	12

#### Notes

1 Per lamp head

2 Only compatible with EC LED HQ, ECB LED, LHQM LED HQ.



LED-REMOTE-LAMPS

## SLIM26

Available in 12, 18 and 26 Watt models, SLIM Wallpacks deliver ultra efficient LED technology in a compact design that's super easy to install as a downlight or uplight.

LED Info		Driver Info	
Watts:	26W	Type:	Constant Current
Color Temp:	5100K (Cool)	120V:	0.27A
Color Accuracy:	68	208V:	0.17A
L70 Lifespan:	100000	240V:	0.15A
LM79 Lumens:	2,648	277V:	0.13A
Efficacy:	85 LPW	Input Watts:	31W
		Efficiency:	83%

### Technical Specifications

**UL Listing:**  
Suitable for wet locations. Suitable for mounting within 4' of the ground

**IP Rating:**  
Ingress Protection rating of IP66 for dust and water

**LED:**  
Multi-chip, long-life LED

**Lifespan:**  
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

**Driver:**  
Constant Current, Class 2, 100-277V, 50/60 Hz., 6KV surge protection, 720mA, 100-277VAC 0.4 Amps, THD is less than equal to 20%, Power Factor 99%

**Input Watts:**  
31W

**Output Lumens:**  
2,648

**Color Accuracy (CRI):**  
68 CRI

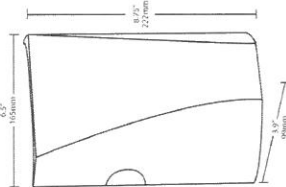
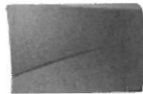
**Correlated Color Temp. (Nominal CCT):**  
5100K

**Cold Weather Starting:**  
The minimum starting temperature is -40&deg;F/-40&deg;C

**Ambient Temperature:**  
Suitable for use in 40&deg;C (104&deg;F) ambient temperatures

Color: Bronze

Weight: 4.5 lbs



**Thermal Management:**  
Superior heat sinking with internal Air-Flow fins

**Housing:**  
Precision die-cast aluminum housing

**Mounting:**  
Heavy-duty mounting bracket with hinged housing for easy installation

**Recommended Mounting Height:**  
Up to 22 ft.

**HID Replacement Range:**  
The SLIM26 can be used to replace 175W MH based on delivered lumens

**Lens:**  
Tempered glass lens

**Reflector:**  
Specular thermoplastic

**Gaskets:**  
High-temperature silicone

**Finish:**  
Chip and fade resistant polyester powder coat finish

**DLC Listed:**  
This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

**Dark Sky Approved:**  
The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

SLIM26 - continued

**Color Stability:**  
RAB LED performance exceeds industry standards for chromatic stability

**Color Uniformity:**  
RAB's range of CCT (Correlated Color Temperature) follows the guidelines for the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011

**Green Technology:**  
Mercury and UV free, and RoHS compliant

**IESNA LM-79 & LM-80 Testing:**  
RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label

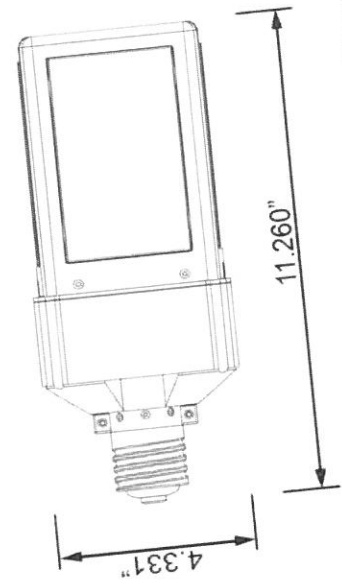
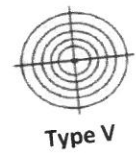
**Patents:**  
The design of the SLIM&#8482; is protected by patents pending in US, Canada, China, Taiwan and Mexico

# LED-8089M 80W LED for HID Retrofit for Shoebox/Wallpack

**LED for HID RETROFIT**

**Models**  
 LED-8089MXX, 120-277VAC, ULus, 4000K or 5000K CCT, E39  
 LED-8089MXXC, 120-347VAC, cUL, 4000K or 5000K CCT, E39

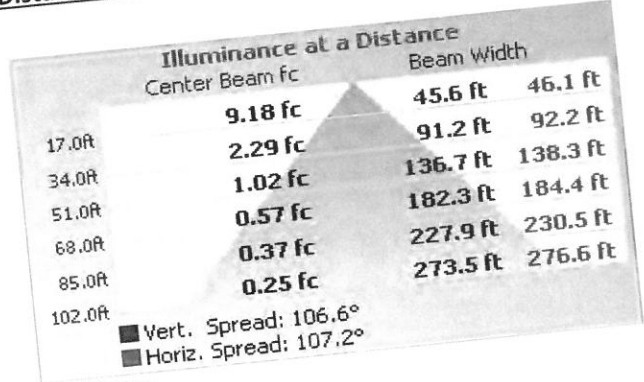
- Features**
- > 80W LED Replaces 250W MH or HPS HID Lamps
  - > Rotatable base enables user to accurately direct output to target
  - > Designed for Horizontal installations
  - > UL approved for damp environments and enclosed fixtures
  - > Advanced active cooling: Active cooling and dynamic temperature control
  - > 50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website))
  - > 5 Year Limited Warranty - see website for details
  - > Rated for enclosed fixture



## Technical Specifications

Models US/CAN	LED-8089M30	LED-8089M40	LED-8089M50	LED-8089M40C	LED-8089M50C
	USA			Canada	
	3000K	4000K	5000K	4000K	5000K
CCT	80 watts				
Power Consumption	250 MH/HPS				
Replaces	E39				
Mounting	120-277VAC			120-347VAC	
Voltage	SAMSUNG 3030				
LED Type	Type V				
Beam Angle	No				
Dimmable	-40°F - +122°F				
Operating Temp	Up to 50,000 Hrs.				
Rated R70 Life	5 Year Limited*				
Warranty					
LM79 Specifications	Yes	Yes	Yes	Yes	Yes
Power (W)	81.19	80.59	80.23	80.59	80.23
CCT	3137	3988	5482	3988	5482
Light Output	7137	6910	7403	6910	7403
Efficacy	88	85	92	85	92
THD @ 277V	13%	19%	13%	19%	13%
PF @ 277V	0.98	0.91	0.98	0.91	0.98
CRI:	82.9	72.5	83.9	72.5	83.9
R9	15	0	15	0	15
Duv	-0.001	0.002	0.006	0.002	0.006
Packaging	9 / Master Carton				
Unit	6.6"x 6.6"x 12.9" 2.9lbs.				
Master	20.7"x 18.5" x 13.8" 25.5 lbs.				

## Lux Distance Curve



## Installation Notes:

- Ballast must be bypassed
- Installing surge/lightning protectors is highly recommended
- Removing the reflector is recommended

LED Power Consumption (Watts)	HID Power Consumption (Watts)	HID Ballast Power Consumption (Watts)	Total Savings (Watts)	Annual Energy Savings (14 hrs/day)	Lifetime Energy Savings (over 50,000 hrs)
80	250	50	220	\$124	\$1,210.00

Mounting Orientation			Minimum Fixture Size Requirements (inches)	
Base Up	Base Down	Horiz		
			Length	13.26
			Width	6.33
			Height	6.33
			Cu. Inches	531.3
Approved	Approved	Approved		

**Light Efficient Design**







## Electrical Contracting

### Technology Systems Integrating

2350 W. M-61  
Gladwin Mi, 48624  
(989) 426-9860

---

#### PROPOSAL SUBMITTED TO

John Dantzer

#### PHONE

(989) 345-0500

#### DATE

7/11/18

#### JOB LOCATION

John Dantzer  
121 N. 4<sup>th</sup> St.  
West Branch, Mi 48661

PROJECT: City of West Branch DPW Garage

---

#### ❖ Quote to Include:

- All supervision
  - Tools/equipment
    - ✓ Scissor Lift
  - Work to be performed during normal working hours (7:30 a.m- 4:00 p.m, Monday – Friday)
  - Work that meets all applicable codes
  - All necessary inspections and permits
  - Building
    - ✓ DPW Garage
  - Materials to install:
    - ✓ New By-Pass Ballast LED Lamps
      - 2/80W LED Screw in Lamp
        - Exterior Wall pack replacement lamps
      - 2/Stem and Swivel LED Mount
      - 3/ LED Screw in A-Lamp
      - 3/18 W Screw in Lamps
      - 2/Outdoor Remote Heads
      - 36/T8 LED Lamps
      - 27/150 W Screw in Lamps
        - High Bay replacement lamps
      - 3/ Emergency Exit Signs
    - Removal/Disposal of all old lamps and fixtures
    - Estimated Incentive/Rebate = \$2,339.25
      - ✓ Incentive/Rebate subject to change, based on Consumers Energy program
    - All Incentives/Rebates will be made to the City of West Branch

#### ❖ Exclusions:

- ✓ Any Electrical Scope not mentioned above

**Total Project Cost: \$10,946.00**

**Payment terms: 50% is due upon signing of proposal; remaining balance due, day of completion**  
*Acceptance of Proposal* - The above prices, specifications and conditions are satisfactory and are hereby accepted.  
You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: \_\_\_\_\_ Signature: \_\_\_\_\_





## EK4236S (Side Lens) & EK4736S (Top Lens)



### Electronic Photo Control Swivel Mount

Project: \_\_\_\_\_  
Location: \_\_\_\_\_  
Product Type: \_\_\_\_\_  
Contact/Phone: \_\_\_\_\_  
Model #: \_\_\_\_\_

#### Stem and Swivel Mount, Photo Control

The EK4236S and EK4736S are electronic photo controls that come with a swivel arm for easy reorientation of the photo control after installation. They fit standard 1/2" knockouts in standard outlet boxes and wall pack lighting fixtures. They are made with UV stabilized, high impact, plastic housing that stand up to outdoor environments and feature silicon light sensors with zero-crossing circuits to provide a long service life.

#### Features

- Dusk-to-dawn control of outdoor lighting
- Floodlights and security lighting
- Ideal for LED fixtures totaling 1650 W @ 277 VAC
- Non-drifting silicon light sensor IR filtered for human eye response
- Zero-cross technology helps device withstand severe inrush current and extend relay life
- Exceeds 10,000 ON/OFF operations at full load to meet the life expectancy of LED fixtures
- All components meet 15-year life requirements

#### Regulatory Listings

- ANSI C136.24 compliant
- UL certified to U.S. (UL773A) & CSA certified to Canadian (C22.2 No. 55-M1986/ TIL A-15) safety standards

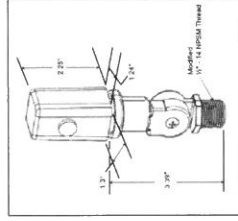
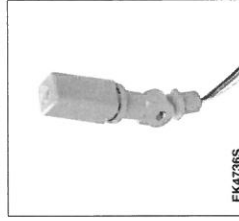
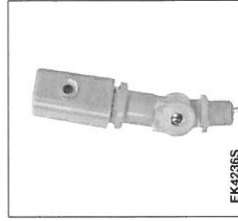
#### Operating Specifications

- Voltage: 105-305 VAC, 50/60Hz
- Dielectric strength: 2500 VAC
- Operating ambient temperature range: -40°F to 158°F (-40°C to 70°C)
- Instant turn ON light level 1.5 fc
- OFF light level: 2.25 fc
- Turn OFF to ON ratio 1.5:1 with 2-5 second delay
- Fail mode: ON
- Power consumption <.5W @ 277 VAC
- 255 Joule MOV surge protection component
- 6" long, 18awg wire leads

#### Warranty

- Limited 8-year manufacturer's warranty

#### Compatible with



Model Number	Max VAC	Tungsten (Watts)	Ballast (VA)	Electronic Ballast (LED)	Turn ON Foot Candles (fc)	Turn OFF to ON Ratio	Fail Mode
EK4236S (Side Lens)	105-305	1000	1800	6 Amps	1.5	1.5:1 with 2-5 second delay (2.25 fc OFF)	ON
EK4736S (Top Lens)	105-305	1000	1800	6 Amps	1.5	1.5:1 with 2-5 second delay (2.25 fc OFF)	ON



Energy Controls

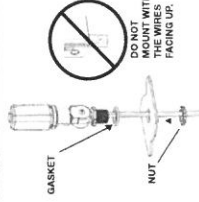
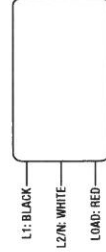
## EK4236S & EK4736S



#### Specification

The photo control shall be an electronic control based on a solid-state photo sensor and relay switch circuit. Switch operation shall have a rating of 1000 Watts tungsten and 1800 Watts ballast at 105-305 VAC. For high inrush LED type fixtures, the photo control switch operation shall have a 6 Amp Electronic Ballast rating at 105-305 VAC. The photo control shall fail in an ON state. The photo control operating voltage shall be clearly identified on the control housing. The photo control shall be equipped with inherent delay action eliminating activation by light flashes. The photo control shall have a swivel arm for reorientation after installation. It also shall have a 1/2" NPSM threaded stem for fit to standard 1/2" knockouts in common electrical boxes and light fixtures and have min 6" long, 18 awg wire leads. The lens for light input shall be located in the top/side of the photo control. The photo control shall consist of industrial grade electronic components: 255 Joule MOV, solid state light sensor and silver alloy relay contacts. The photo control shall be 100% factory tested and function within specified light levels. The photo control shall be agency certified and tested accordingly. The photo control shall meet agency standards and all other requirements of ANSI C136.24. The photo control shall operate over a temperature range of -40°F to 158°F (-40°C to 70°C). The photo control should have a manufacturer's limited warranty of 8 years minimum. The photo control shall be the electronic dusk-to-dawn type, Intermatic model \_\_\_\_\_.

#### Diagrams



#### Limited Product Warranty

##### (1) What is Covered By This Limited Warranty?

Intermatic Incorporated ("Intermatic") warrants Intermatic's EK4136S ("Product") to be free from defects in material or workmanship for a period of eight (8) years from date of purchase. This warranty is extended to the owner of the light fixture on which the photo control is installed only and is non-transferable ("purchaser"). If the purchaser discovers a defect in material or workmanship, the purchaser must promptly submit a warranty claim. Upon a determination by Intermatic that the Product is defective, Intermatic shall correct any defect in material or workmanship by replacing the Defective Product. Any repair to Product, including both parts and labor, shall be at Intermatic's expense. The foregoing remedy is the purchaser's exclusive remedy for a breach of warranty. The product must be installed in the appropriate application in complete accordance with the installation instructions. The Product must not be opened, modified, exposed to extreme heat or cold, submerged or subjected to abnormal use or service. Product failures due to damage by accident, dropping, or abuse in handling, acts of God, or any negligent use, are not covered by this warranty. Intermatic shall determine, in its sole discretion, whether any Product returned by a purchaser has been used in accordance with its instructions, is an appropriate model for the purchaser's use thereof, and whether the Product is defective.

##### (2) Disclaimer of Warranty

THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER EXPRESSED WARRANTIES. TO THE EXTENT ALLOWED BY LAW, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION OF THIS LIMITED WARRANTY.

##### (3) Limitation of Remedies

IN NO CASE SHALL INTERMATIC BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES BASED UPON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT, OR ANY OTHER LEGAL THEORY. SUCH EXCLUDED DAMAGES INCLUDE, BUT ARE NOT LIMITED TO, DAMAGE TO SOFTWARE, LOSS OF DATA, LOSS OF PROFITS, LOSS OF SAVINGS OR REVENUE, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT, FACILITIES OR SERVICES, DOWNTIME, THE CLAIMS OF THIRD PARTIES INCLUDING CUSTOMERS, DAMAGE TO PROPERTY AND PERSONAL INJURY. SOME STATES DO NOT ALLOW LIMITS ON WARRANTIES OR ON REMEDIES FOR BREACH IN CERTAIN TRANSACTIONS. IN SUCH STATES, THE LIMITS IN THIS PARAGRAPH AND IN PARAGRAPH (2) MAY NOT APPLY.

##### (4) Time Limit for Bringing Suit

No action arising out of any claimed breach of warranty may be brought more than one year after the cause of action has occurred.

##### (5) No Other Warranties

Unless modified in writing signed by both parties, this agreement is understood to be the complete and exclusive agreement between the parties. No superseding or prior agreements, oral or written, and all other communications between the parties relating to the subject matter of this agreement. No employee of Intermatic or any other party is authorized to make any warranty in addition to that made in this agreement. This warranty is made by: Intermatic Incorporated/After Sales Service, 7777 Winn Rd., Spring Grove, IL 60081-9698/615-675-7000 <http://www.intermatic.com>

##### (6) Claim Procedure

The warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased, or (b) mailing the product, along with proof of purchase, postage prepaid, to the authorized service center listed below.

Address all communications and products returns to:

Intermatic Warranty Coordinator

7777 Winn Road Spring Grove, Illinois 60081-9698, Fax: 615-675-7055

Energy Controls

[www.intermatic.com](http://www.intermatic.com)

300KP10049



## S9456

18PAR38/LED/40'/4000K/120V/D  
18 watt PAR38 LED; 4000K; 40' beam spread; Medium base;  
120 volts

### Features

- Solid State LED lighting
- Reflector replacement lamp
- Long life
- IP65 - Wet location rated
- Approved for enclosed fixtures
- For Indoor and Outdoor use
- ABS Lens
- Dimmable



S9456

Item Number	UPC	Voltage	Watts	Incandescent Equivalent	Lamp Shape	Base	ANSI Base
S9456	045923094569	120	18	100W	PAR38	Medium	E26

Lamp Code	Dimmable/Non-Dimmable	Suggested Dimmers	Finish	MOL In Inches	MOD In Inches	Initial Lumens	Average Rated Hours
18PAR38/LED/40'/4000K/120V/D	Dimmable	<a href="#">Compatible dimmers for S9456</a>	Silver	5-3/16"	4-3/4"	1400	25000

Kelvin Temp	Color	CRI	Beam Spread Deg	Pack	Package Type	ENERGY STAR	CEC Status
4000	Cool White	80	40	12/6	Box	ENERGY STAR	Non-Compliant

RoHS Compliant	Fixture Type	UL or ETL Listed	UL Classification	Warranty
Yes	Enclosed Rated	Yes	cULus - Wet Location Rated	<a href="#">3 Year Limited</a>

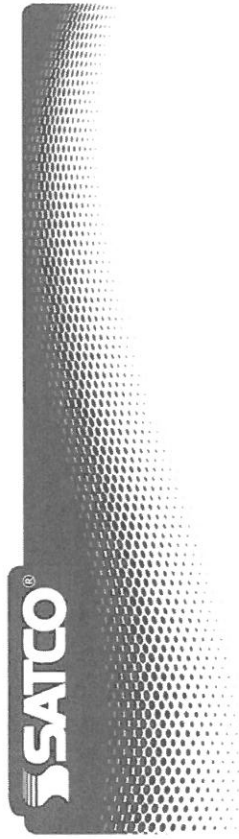


National Toll-Free:  
800.43.SATCO  
(800.437.2826)  
[www.satco.com](http://www.satco.com)

Distribution Centers:  
New York, Florida, Texas,  
Washington, California,  
Puerto Rico

Corporate Offices:  
110 Heartland Blvd.,  
Brentwood, NY 11717  
800.437.2826 631.243.2022  
Fax 631.243.2027



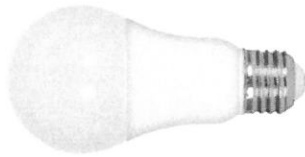


## S29818

15A19/LED/5000K/1600L/120V/D  
15 watt; A19 LED; Frosted; 5000K; Medium base, 220° beam spread; 120 volts

### Features

- Solid State LED lighting
- A shaped replacement lamp
- Long life
- Dimmable
- UL approved for totally enclosed fixtures



S29818

Item Number	UPC	Voltage	Watts	Incandescent Equivalent	Power Factor	Lamp Shape	Base
S29818	045923298189	120	15	100W	0.96	A19	Medium
ANSI Base	Lamp Code	Dimmable/Non-Dimmable	Suggested Dimmers	Finish	MOL In Inches	MOD In Inches	Initial Lumens
E26	15A19/LED/5000K/1600L/120V/D	Dimmable	Compatible dimmers for S29818	Frosted	4-5/8"	2-3/8"	1600
Average Rated Hours	Kelvin Temp	Color	CRI	Beam Spread Deg	Operating Temperature	Pack	Package Type
25000	5000	Natural Light	80	220	-20C (-4F) to a maximum of +45C (+113F)	24/6	Box
ENERGY STAR	CEC Status	RoHS Compliant	UL or ETL Listed	UL Classification	Warranty		
ENERGY STAR	Non-Compliant	Yes	Yes	cULus - Damp Location Rated	5 Year Limited		



National Toll-Free:  
800.43.SATCO  
(800.437.2826)  
www.satco.com

Distribution Centers:  
New York, Florida, Texas,  
Washington, California,  
Puerto Rico

Corporate Offices:  
110 Heartland Blvd.,  
Briarwood, NY 11717  
800.437.2826 631.243.2022  
Fax 631.243.2027



©2012, Satco Products, Inc. Not responsible for typographical errors. 0612151061

# LED-8089M 80W LED for HID Retrofit for Shoebox/Wallpack

**LED** for **HID**  
**RETROFIT**

## Models

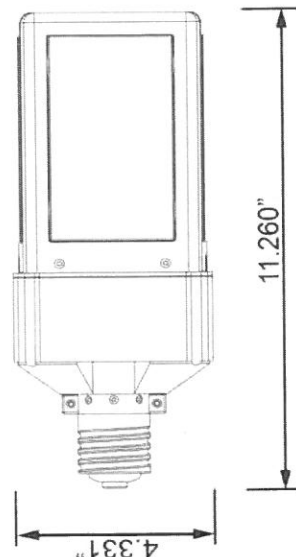
LED-8089MXX, 120-277VAC, ULus, 4000K or 5000K CCT, E39  
LED-8089MXXC, 120-347VAC, cUL, 4000K or 5000K CCT, E39

## Features

- > 80W LED Replaces 250W MH or HPS HID Lamps
- > Rotatable base enables user to accurately direct output to target
- > Designed for Horizontal installations
- > UL approved for damp environments and enclosed fixtures
- > Advanced active cooling: Active cooling and dynamic temperature control
- > 50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website)
- > 5 Year Limited Warranty - see website for details
- > Rated for enclosed fixture



Type V



## Technical Specifications

Models US/CAN	LED-8089M30	LED-8089M40	LED-8089M50	LED-8089M40C	LED-8089M50C
	USA			Canada	
CCT	3000K	4000K	5000K	4000K	5000K
Power Consumption	80 watts				
Replaces	250 MH/HPS				
Mounting	E39				
Voltage	120-277VAC			120-347VAC	
LED Type	SAMSUNG 3030				
Beam Angle	Type V				
Dimmable	No				
Operating Temp	-40°F - +122°F				
Rated R70 Life	Up to 50,000 Hrs.				
Warranty	5 Year Limited*				

## Lux Distance Curve

Illuminance at a Distance			
	Center Beam fc	Beam Width	
17.0ft	9.18 fc	45.6 ft	46.1 ft
34.0ft	2.29 fc	91.2 ft	92.2 ft
51.0ft	1.02 fc	136.7 ft	138.3 ft
68.0ft	0.57 fc	182.3 ft	184.4 ft
85.0ft	0.37 fc	227.9 ft	230.5 ft
102.0ft	0.25 fc	273.5 ft	276.6 ft
	■ Vert. Spread: 106.6°		
	■ Horiz. Spread: 107.2°		

## Installation Notes:

- Ballast must be bypassed
- Installing surge/lightning protectors is highly recommended
- Removing the reflector is recommended

LED Power Consumption (Watts)	HID Power Consumption (Watts)	HID Ballast Power Consumption (Watts)	Total Savings (Watts)	Annual Energy Savings (14 hrs/day)	Lifetime Energy Savings (over 50,000 hrs)
80	250	50	220	\$124	\$1,210.00

Mounting Orientation			Minimum Fixture Size Requirements (inches)	
Base Up	Base Down	Horiz		
			Length	13.26
			Width	6.33
			Height	6.33
Approved	Approved	Approved	Cu. Inches	531.3

LM79 Specifications	Yes	Yes	Yes	Yes	Yes
Power (W)	81.19	80.59	80.23	80.59	80.23
CCT	3137	3988	5482	3988	5482
Light Output	7137	6910	7403	6910	7403
Efficacy	88	85	92	85	92
THD @ 277V	13%	19%	13%	19%	13%
PF @ 277V	0.98	0.91	0.98	0.91	0.98
CRI:	82.9	72.5	83.9	72.5	83.9
R9	15	0	15	0	15
Duv	-0.001	0.002	0.006	0.002	0.006

Packaging	9 / Master Carton
Unit	6.6"x 6.6"x 12.9" 2.9lbs.
Master	20.7"x 18.5" x 13.8" 25.5 lbs.

Light Efficient Design



# LED-8032M-A 140W LED for HID Retrofit High Bay / Low Bay

**LED** for  
**HID**  
**RETROFIT**

## Models

LED-8032MXX-A, 120-277VAC, ULus, 4000K or 5700K CCT, EX39

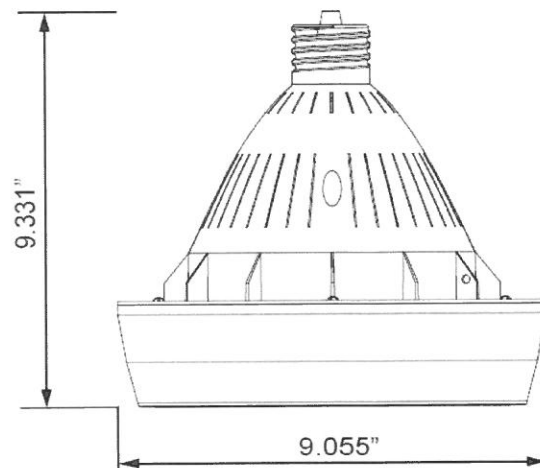
LED-8032MXXC-A, 347VAC, cUL, 4000K or 5700K CCT, EX39

## Features

- 140 Watts Replaces 400w HID Lamps
- Optimized for Low Bay HID fixture with PC or Glass Globe
- 180° Beam Angle
- 120-277V UL 1993, UL1598C US and Canada
- 347V UL 1993, UL1598C Canada only
- UL classified for damp environments (USA & Can)
- Advanced active cooling, Sunon Mag-lev >70,000 hr. fan
- EX39 Mogul Base
- >50,000 rated LED life
- 5 year limited warranty (see website for details)
- Retrofitted fixture retains UL approval under UL Classified 1598C.
- Rated for enclosed fixture

## Technical Specifications

Models US/CAN	LED-8032M40-A	LED-8032M40C-A	LED-8032M57-A	LED-8032M57C-A
CCT	4000K	4000K	5700K	5700K
Power Consumption	140W			
Replaces	400 MH/HPS			
Mounting	EX39			
Voltage	120-277VAC (USA) 347VAC (CANADA)			
LED Type	2835			
Beam Angle	180°			
Dimmable	No			
Operating Temp	-40°F - +122°F			
Rated R70 Life	Up to 50,000 Hrs.			
Warranty	5 Year Limited*			
LM79 Specifications	Yes	Yes	Yes	Yes
Power (W)	144.4	141.3	144.2	141.6
CCT	4051	4092	5393	5669
Light Output	16407	16668	16605	16923
Efficacy	113	118	115	119
THD @ 277V	14.90%	15.29%	14.57%	15.39%
PF @ 277V	98	97	98	97
CRI:	84.3	84.8	84.7	84.7
R9	13	16	12	12
Duv	0.0007	0.0003	0.0027	0.0022
Packaging	2 / Master Carton			
Unit	11.6"x 11.6"x 12.1" 5.24 lbs.			
Master	14.8"x 14.8" x 9.5" 11.4 lbs.			



## Illuminance Plots

	Illuminance at a Distance			
	Center Beam fc	Beam Width		
17.0ft	20.9 fc	44.2 ft	44.0 ft	
34.0ft	5.2 fc	88.5 ft	88.1 ft	
51.0ft	2.3 fc	132.7 ft	132.1 ft	
68.0ft	1.3 fc	177.0 ft	176.2 ft	
85.0ft	0.8 fc	221.2 ft	220.2 ft	
102.0ft	0.6 fc	265.5 ft	264.3 ft	
■ Vert. Spread: 104.9° ■ Horiz. Spread: 104.7°				

## Installation Notes:

- Ballast must be bypassed
- Installing surge/lightning protectors is highly recommended

LED Power Consumption (Watts)	HID Power Consumption (Watts)	HID Ballast Power Consumption (Watts)	Total Savings (Watts)	Annual Energy Savings (14 hrs/day)	Lifetime Energy Savings (over 50,000 hrs)
140	400	80	340	\$191	\$1,870.00

Mounting Orientation			Minimum Fixture Size Requirements (inches)	
Base Up	Base Down	Horiz		
			Length	11.3
			Width	11.05
			Height	11.05
Approved	Approved	Approved	Cu. Inches	1379.8

Light Efficient Design

lighting design lab



Catalog Number
Notes
Type



FEATURES & SPECIFICATIONS

**INTENDED USE**  
LED lighted exit signs for marking the means of egress in accordance with Life Safety Code NFPA 101.

**CONSTRUCTION**  
Injection molded, flame-retardant, high-impact, thermoplastic housing with snap-fit design components for easy installation. Universal J-box patterns and universal mounting capabilities: top, back or end mounting (for emergency exit signs). Universal dimensions are easily removed for directional indication. Fully assembled single face with extra fuseholder for easy field conversion to double face.  
Letters 6" high with 3/4" stroke, with 100 ft viewing distance rating, based on IESNA standards.

**OPTICS**

The typical life of the LED lamp is 10 years.

**ELECTRICAL**

Dual voltage input 120V or 277V AC. Emergency exits provided with test switch, status indicator and rechargeable battery.

Battery (UL models) maintenance-free nickel cad battery provides 90 minutes of emergency power.

**LISTINGS**

UL Listed. Meets UL 924, NFPA 101, NFPA 70-NEC and OSHA illumination standards. Indoor damp location 50° to 104°F (10°C to 40°C) listed standard.

**WARRANTY**

Exits are covered by Lithonia Lighting 36-month warranty against mechanical defects in manufacture. Complete warranty terms located at:  
[www.lithonia.com/customerresources/terms\\_and\\_conditions.asp](http://www.lithonia.com/customerresources/terms_and_conditions.asp)  
All life safety equipment, including emergency lighting for paths of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties. Note: Specifications subject to change without notice.  
Actual performance may differ as a result of end-user environment and application.

Contractor Select

LED Exits



EAR LED



Height with canopy: 7 7/8"

All dimensions are inches (nominal).

ORDERING INFORMATION

Catalog Number	UPC	Description	Supply Voltage	Input Voltage	Product Qty.	Standard Carton Qty.
ESR1121 AS	794311816654	Red exit	120/277	2	360	6
ESR1121 BS	794311816656	Green exit	120/277	2	360	6
ESR1121 AS	794311816658	Red exit with backup battery	120/277	2	360	6
ESR1121 BS	794311816651	Green exit with backup battery	120/277	2	360	6

Accessories: Order as separate catalog number.	
ELA WGI	Wireguard (back mount only)
ELA WGIAT	Wireguard (top mount only)
ELA WGEDE	Wireguard (end mount only)

Notes  
1 See spec sheet ULS-305.

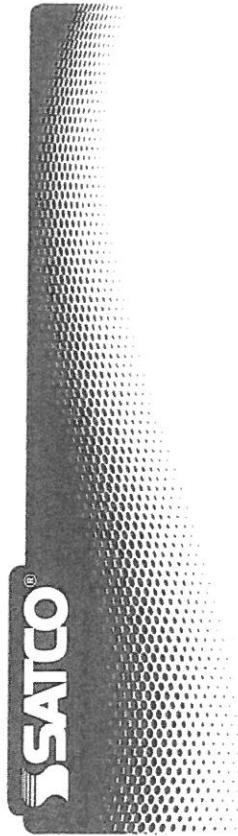


CONTRACTOR SELECT / EMERGENCY: One Lithonia Way, Gaines, GA 30602 | Phone: 800.334.8694 | Fax: 770.981.8141 | [www.lithonia.com](http://www.lithonia.com) © 2011-2014 Acuity Brands Lighting, Inc. All rights reserved. Rev. 04/2017-14

LED-EXITS

CONTRACTOR SELECT / EMERGENCY

LED-EXITS



## S9915

14T8/LED/48-840/BP 120-277V  
14 watt T8 LED; Medium bi-pin base; 4000K; 50000 average  
rated hours; 1800 lumens

### Features

- All glass tube
- Direct wire 120-277V line voltage\*
- NSF Approved
- No ballast or external driver required
- Built-in shock resistant circuit - (not hot until both ends are installed)

\*Existing wiring to both sockets can remain in place  
\*Will work on both shunted or non-shunted sockets

S9915



Item Number	UPC	Voltage	Watts	Fluorescent Equivalent	Lamp Shape	Base	ANSI Base
S9915	045923099151	120-277	14	25W-32W	T8	Medium Bi-Pin	G13
Lamp Code	Dimmable/Non-Dimmable	Finish	MOL In Inches	MOD In Inches	Initial Lumens	Average Rated Hours	Kelvin Temp
14T8/LED/48-840/BP 120-277V	Non-Dimmable	White	48"	1.00"	1800	50000	4000
Color	CRI	Beam Spread Deg	Pack	Package Type	CEC Status	DLC ID	RoHS Compliant
Cool White	82	220	10	Box	Lawful for sale in California	PTTOD4BR DLC Search	Yes
UL or ETL Listed		UL Classification		Warranty			
Yes		cULus - Damp Location Rated		5 Year Limited			



National Toll-Free:  
800.433.SATCO  
(800.437.2826)  
www.satco.com

Distribution Centers:  
New York, Florida, Texas,  
Washington, California,  
Puerto Rico

Corporate Offices:  
110 Heartland Blvd.,  
Brentwood, NY 11717  
800.437.2826 631.243.2022  
Fax 631.243.2027



©2012 Satco Products, Inc. Toll-Free Office for Sales and Service, NY 11717





*Electrical Contracting*  
*Technology Systems Integrating*

2350 W. M-61  
Gladwin Mi, 48624  
(989) 426-9860

PROPOSAL SUBMITTED TO

John Dantzer

PHONE

(989) 345-0500

DATE

7/11/18

JOB LOCATION

John Dantzer  
121 N. 4<sup>th</sup> st.  
West Branch, Mi 48661

PROJECT: City of West Branch Waste Water Treatment Plant

❖ Quote to Include:

- All supervision
  - Tools/equipment
    - ✓ Scissor Lift
    - ✓ Bucket Truck
  - Work to be performed during normal working hours (7:30 a.m- 4:00 p.m, Monday – Friday)
  - Work that meets all applicable codes
  - All necessary inspections and permits
  - Building
    - ✓ Waste Water Treatment Plant
  - Materials to install:
    - ✓ New By-Pass Ballast LED Lamps
      - 300/ T8 Lamps
      - 70/T5 Lamps
    - ✓ 12/22W LED Screw in Lamps
    - ✓ 11/54W LED Screw in Lamps
      - Parking Lot light (lamp) replacements
    - ✓ 12/15W LED Screw in A-Lamps
    - ✓ 17/18W LED Screw in Lamps
      - Wall Pack lamp replacements
  - Removal/Disposal of all old lamps and fixtures
  - Estimated Incentive/Rebate = \$1,628.56
    - ✓ Incentive/Rebate subject to change, based on Consumers Energy program
  - All Incentives/Rebates will be made to the City of West Branch

❖ Exclusions:

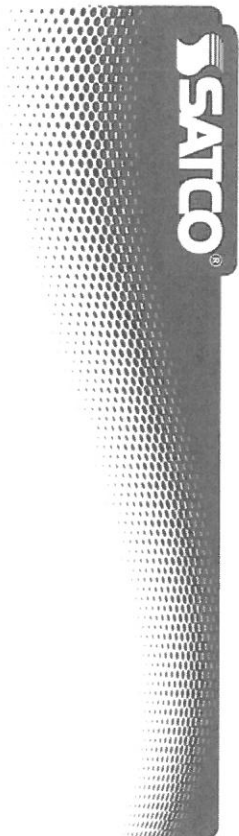
- ✓ Any Electrical Scope not mentioned above

**Total Project Cost: \$13,352.00**

**Payment terms: 50% is due upon signing of proposal; remaining balance due, day of completion**

*Acceptance of Proposal* - The above prices, specifications and conditions are satisfactory and are hereby accepted.  
You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: \_\_\_\_\_ Signature: \_\_\_\_\_



## S29394

54W/LED/HID/5000K/100-277V/EX39  
54 watt - LED HID Replacement; 5000K; Mogul extended base;  
100-277 volts

### Features

- High Lumen Omni-directional LED for Industrial / Commercial applications
- Replaces HID, CFL, and Incandescent
- Ballast by-pass - Direct wire only 100V - 277V
- UL approved for totally enclosed fixtures
- Damp location - IP65 rated
- For outdoor & indoor use
- DLC Listed
- Base up or base down operation (high/low bay and post top)
- Emits no UV light / Contains no mercury (Hg)
- 5 year limited warranty
- Classified under UL 1598C

### Additional Technical Specifications

- Power Factor >0.9
- Operating temperature range -20°C to 65°C
- Operating Frequency 50-60Hz
- Working Voltage AC90-305V

Shatter resistant materials, acceptable for use in food prep areas

Minimum Compartment Size		
Length	Width	Depth
17.3 inch	9.25 inch	9.25 inch

Optional accessory: In-line surge protector 80-929



S29394

Item Number	Product Line	UPC	Input Voltage	Watts	Incandescent Equivalent	Fluorescent Equivalent	HID Equivalent
S29394	HI-Pro	045923293948	100 - 277	54	300W	85W	250W

Base	ANSI Base	Lamp Code	Dimmable/Non-Dimmable	Finish	MOL in Inches	MOD in Inches	Initial Lumens
Mogul Extended	EX39	54W/LED/HID/5000K/100-277V/EX39	Non-Dimmable	White	10-3/4"	3.69"	7200
Average Rated Hours	Kelvin Temp	Color	CRI	Beam Spread Deg	Operating Temperature	Pack	Package Type
50000	5000	Natural Light	80+	300	-20C (-4F) to a maximum of +65C (+149F)	12	Box
CEC Status	DLC ID	RoHS Compliant	UL Classification	Warranty			
Lawful for sale in California	PLGVDTP7L3LM	Yes	cULus - Wet Location Rated	5 Year Limited			



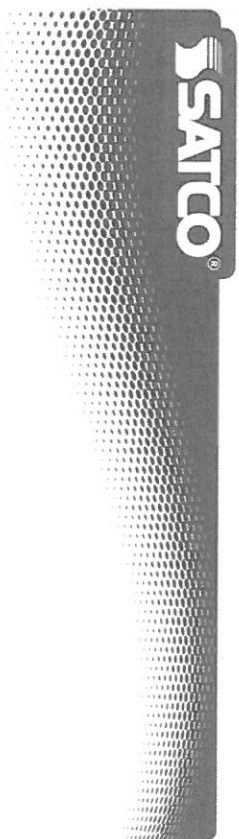
National Toll-Free:  
800.63.SATCO  
(800.63.72826)  
www.satco.com

Distribution Centers:  
New York, Florida, Texas,  
Washington, California,  
Puerto Rico

Corporate Office:  
110 Highland Blvd.,  
Bronwood, NY 11717  
800.637.2826 631.243.2022  
Fax 631.243.2027



©2012, SATCO Products, Inc. All rights reserved. For more information, visit www.satco.com



## S29391

22W/LED/HID/5000K/100-277V/E26  
22 watt - LED HID Replacement; 5000K; Medium base; 100-277 volts

### Features

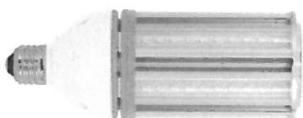
- High Lumen Omni-directional LED for Industrial / Commercial applications
- Replaces HID, CFL, and Incandescent
- Ballast by-pass - Direct wire only 100V - 277V
- UL approved for totally enclosed fixtures
- Damp location - IP65 rated
- For outdoor & indoor use
- Base up, base down or horizontal operation
- Emits no UV light / Contains no mercury (Hg)
- 5 year limited warranty
- cULus listed

### Additional Technical Specifications

- Power Factor >0.9
- Operating temperature range -20°C to 65°C
- Operating Frequency 50-60Hz
- Working Voltage AC90-305V

Minimum Compartment Size		
Length	Width	Depth
8.5 inch	6 inch	6 inch

Optional accessory: In-line surge protector 80-929



S29391

Item Number	Product Line	UPC	Input Voltage	Watts	Incandescent Equivalent	Fluorescent Equivalent	HID Equivalent
S29391	Hi-Pro	045929293917	100 - 277	22	150W	40W	100W
Base	ANSI Base	Lamp Code	Dimmable/Non-Dimmable	Finish	MOI In inches	MOD In inches	Initial Lumens
Medium	E26	22W/LED/HID/5000K/100-277V/E26	Non-Dimmable	White	7-11/16"	2-3/4"	2950

Average Rated Hours	Kelvin Temp	Color	CRI	Beam Spread Deg	Operating Temperature	Pack	Package Type
50000	5000	Natural Light	80+	300	-20C (4F) to a maximum of +65C (+149F)	48	Box
CEC Status	RoHS Compliant	UL Classification	Warranty				
Lawful for sale in California	Yes	cULus - Damp Location Rated	5 Year Limited				



National Toll-Free:  
800.43.SATCO  
(800.437.2826)  
www.satco.com

Distribution Centers:  
New York, Florida, Texas,  
Washington, California,  
Puerto Rico

Corporate Offices:  
110 Heartland Blvd.,  
Brentwood, NY 11717  
800.437.2826 631.243.2022  
Fax 631.243.2027





# S29818

15A19/LED/5000K/1600L/120V/D  
15 watt; A19 LED; Frosted; 5000K; Medium base; 220° beam  
spread; 120 volts

- Features
- Solid State LED lighting
  - A shaped replacement lamp
  - Long life
  - Dimmable
  - UL approved for totally enclosed fixtures



S29818

Item Number	UPC	Voltage	Watts	Incandescent Equivalent	Power Factor	Lamp Shape	Base
S29818	045923298189	120	15	100W	0.96	A19	Medium
ANSI Base	Lamp Code	Dimmable/Non-Dimmable	Suggested Dimmers	Finish	MOI in inches	MOD in inches	Initial Lumens
E26	15A19/LED/5000K/1600L/120V/D	Dimmable	Compatible dimmers for S29818	Frosted	4-5/8"	2-3/8"	1600
Average Rated Hours	Kelvin Temp	Color	CRI	Beam Spread Deg	Operating Temperature	Pack	Package Type
25000	5000	Natural Light	80	220	-20C (-4F) to a maximum of +45C (+113F)	24/6	Box
ENERGY STAR	CEC Status	RoHS Compliant	UL or ETL Listed	UL Classification	Warranty		
ENERGY STAR	Non-Compliant	Yes	Yes	cULus - Damp Location Rated	5 Year Limited		

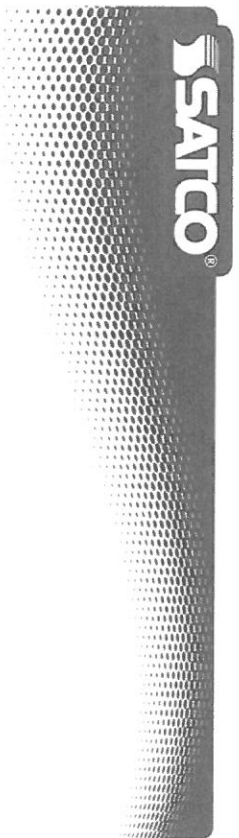


National Toll Free:  
800.433.SATCO  
(800.437.2826)  
www.satco.com

Distribution Centers:  
New York, Florida, Texas,  
Washington, California,  
Puerto Rico

Corporate Offices:  
110 Heartland Blvd.  
Briarwood, NY 11717  
800.437.2826 / 631.243.2022  
Fax 631.243.2027





## S29390

18W/LED/HID/5000K/100-277V/E26  
18 watt - LED HID Replacement; 5000K; Medium base; 100-277 volts

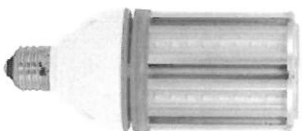
- Features
  - High Lumen Omni-directional LED for Industrial / Commercial applications
  - Replaces HID, CFL, and Incandescent
  - Ballast by-pass - Direct wire only 100V - 277V
  - UL approved for totally enclosed fixtures
  - Damp location - IP65 rated
  - For outdoor & indoor use
  - Base up; base down or horizontal operation
  - Emits no UV light / Contains no mercury (Hg)
  - 5 year limited warranty
  - cULus listed

### Additional Technical Specifications

- Power Factor >0.9
- Operating temperature range -20°C to 65°C
- Operating Frequency 50-60Hz
- Working Voltage AC90-305V

Minimum Compartment Size		
Length	Width	Depth
8.5 inch	6 inch	6 inch


Optional accessory: In-line surge protector 80-929



S29390

Item Number	Product Line	UPC	Input Voltage	Watts	Incandescent Equivalent	Fluorescent Equivalent	HID Equivalent
S29390	Hi-Pro	045923293900	100 - 277	18	120W	32W	70W
Base	ANSI Base	Lamp Code	Dimmable/Non-Dimmable	Finish	MOULn inches	MODIn inches	Initial Lumens
Medium	E26	18W/LED/HID/5000K/100-277V/E26	Non-Dimmable	White	6-7/8"	2-3/4"	2700
Average Rated Hours	Kelvin Temp	Color	CRI	Beam Spread Deg	Operating Temperature	Pack	Package Type

50000	5000	Natural Light	80+	300	-20C (-4F) to a maximum of +65C (+149F)	48	Box
RoHS Compliant				UL Classification		Warranty	
Yes				cULus - Damp Location Rated		5 Year Limited	




f

National Toll-Free: (800) 483 SATCO (800) 437-2828  
www.satco.com

Distribution Centers:  
New York, Florida, Texas, Washington, California, Puerto Rico

Corporate Offices:  
110 Heartland Blvd.,  
Brentwood, NY 11717  
800.437.2828, 631.243.2022  
Fax 631.243.2027



©2012 Satco Industries, Inc. Not responsible for misprints errors. DM12.S1031



## Electrical Contracting

## Technology Systems Integrating

2350 W. M-61  
Gladwin Mi, 48624  
(989) 426-9860

---

### PROPOSAL SUBMITTED TO

John Dantzer

### PHONE

(989) 345-0500

### DATE

7/11/18

### JOB LOCATION

John Dantzer  
121 N. 4<sup>th</sup> st.  
West Branch, Mi 48661

PROJECT: City of West Branch Downtown

---

#### ❖ Quote to Include:

- All supervision
  - Tools/equipment
  - Work to be performed during normal working hours (7:30 a.m- 4:00 p.m, Monday – Friday)
  - Work that meets all applicable codes
  - All necessary inspections and permits
  - Building
    - ✓ Downtown Area
  - Materials to install:
    - ✓ New By-Pass Ballast LED Lamps
      - 129/38W LED Retrofit Lamp
        - TBD Lamp holder Adapter Reducer
  - Removal/Disposal of all old lamps and fixtures
  - Estimated Incentive/Rebate = \$1,496.40
    - ✓ Incentive/Rebate subject to change, based on Consumers Energy program
  - All Incentives/Rebates will be made to the City of West Branch

#### ❖ Exclusions:

- ✓ Any Electrical Scope not mentioned above

**Total Project Cost: \$11,708.00**

**Payment terms: 50% is due upon signing of proposal; remaining balance due, day of completion**

*Acceptance of Proposal* - The above prices, specifications and conditions are satisfactory and are hereby accepted.  
You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: \_\_\_\_\_ Signature: \_\_\_\_\_



**LED-8033E 35W Post Top Retrofit**

**Models**

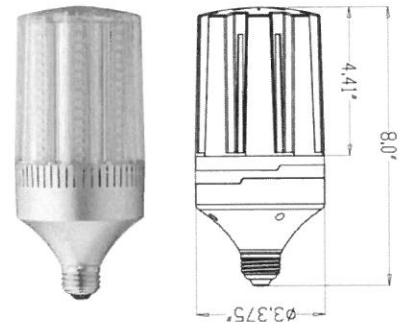
LED-8033EXX-A, 120-277VAC, cULus, 3000K, 4000K & 5700K CCT  
LED-8033XXC-A, 347VAC, cUL, 3000K, 4000K or 5700K CCT

**Description**

Light Efficient Design's Post Top/Bollard retrofits replace HID lamps up to 175W HID. Advanced Active Cooling technology improves thermal performance and delivers the highest light output along with longer LED and driver life versus lamps limited to passive cooling. All models are tested by UL under 1598C that insures that retrofitted fixture retains safety certification as well as approved by UL for enclosed fixtures.

**Features**

35W LED Replaces 175W MH or HPS HID Lamps  
Up to 5,600 lumen output and 150 LPW efficacy  
Available in E26 Edison screw base  
UL approved for damp environments and enclosed fixtures  
Advanced active cooling: Active cooling and dynamic temperature control  
Integrated 6kA surge  
50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website)  
5 Year Limited Warranty - see website for details  
Insect/dust resistant housing


**TECHNICAL SPECIFICATIONS - USA 120-277V - ALL MODELS cULus**

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8033E30-A	120-277V	35W	4239	121	Up to 175W HID	E26 Edison	3000K	82.3	13.68	0.9791	12	0.0015	Omni-directional / 360°	No
LED-8033E40-A			5468	150			4000K	83.7	16.17	0.973	16	0.0009		
LED-8033E57-A			5617	150			5700K	84.8	16.64	0.9673	21	0.0023		

**TECHNICAL SPECIFICATIONS - CANADA 347V - ALL MODELS cUL**

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-8033E30C-A	347V	35W	4740	131	Up to 175W HID	E26 Edison	3000K	85.4	18.67	0.9534	21	-0.0027	Omni-directional / 360°	No
LED-8033E40C-A			5671	152			4000K	84.6	16.72	0.9456	14	0.0002		
LED-8033E57C-A			5537	150			5700K	85.3	19.23	0.9476	17	0.0003		


**PACKAGING SPECIFICATIONS**

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-8033E	8.3" X 3.3 in.	1.02 Lbs	4.9 X 4.9 X 10.4 in.	1.24 Lbs.	15.6 X 15.6 X 11 in.	12 Lbs.	9

**UPC / UCC**
**DESIGN LIGHTS CONSORTIUM QPL CERTIFICATION SUMMARY (E39 MODELS ONLY)**

MODEL	PRODUCT UPC	CARTON UCC	QPL CATEGORY 1	PRODUCT CODE	FAMILY CODE	QPL CATEGORY 2	PRODUCT CODE	FAMILY CODE
LED-8033E30-A	8440060 8110 2	10 8440060 8110 9	N/A	N/A	N/A	N/A	N/A	N/A
LED-8033E40-A	8440060 8110 2	10 8440060 8110 9	N/A	N/A	N/A	N/A	N/A	N/A
LED-8033E57-A	8440060 8111 9	10 8440060 8111 9	N/A	N/A	N/A	N/A	N/A	N/A
LED-8033E30C-A	8440060 8110 2	10 8440060 8110 9	N/A	N/A	N/A	N/A	N/A	N/A
LED-8033E40C-A	8440060 8057 0	10 8440060 8057 7	N/A	N/A	N/A	N/A	N/A	N/A
LED-8033E57C-A	8440060 8103 4	10 8440060 8103 1	N/A	N/A	N/A	N/A	N/A	N/A

**ENERGY SAVING vs. HID**
**ZONAL LUMENS/ LUX DISTANCE DATA (see LM79 for more information)**
**Mounting Orientation**

LED Lamp Power (watts)	35		BASE DOWN	BASE UP	HORIZONTAL
HID Lamp Power (watts)	175				
HID Ballast Power (watts)	26.25		APPROVED	APPROVED	APPROVED
Total power Savings (watts)	166.25		THERMAL SPECIFICATIONS		
Annual Energy Savings	\$ 93		Recommended Minimum Fixture Size	OPERATING TEMPERATURE	-40°F to +122°F
Lifetime Energy Savings over 50,000 hrs	\$ 914		Width	Height	Volume (Cu. In.)
			7.4	10	547.6
			IN-SITU TEMP MEASUREMENT/L70		
			LED TEMPERATURE*		
			L70 LED LUMEN MAINTAINANCE*		
			* FROM ISTMT REPORT AT 77°F		





## Electrical Contracting

### Technology Systems Integrating

2350 W. M-61  
Gladwin Mi, 48624  
(989) 426-9860

---

#### PROPOSAL SUBMITTED TO

John Dantzer

#### PHONE

(989) 345-0500

#### DATE

7/11/18

#### JOB LOCATION

John Dantzer  
121 N. 4<sup>th</sup> St.  
West Branch, Mi 48661

PROJECT: City of West Branch Airport

#### ❖ Quote to Include:

- All supervision
  - Tools/equipment
  - Work to be performed during normal working hours (7:30 a.m- 4:00 p.m, Monday – Friday)
  - Work that meets all applicable codes
  - All necessary inspections and permits
  - Building
    - ✓ Airport
  - Materials to install:
    - ✓ New By-Pass Ballast LED Lamps
      - 12/LED Retro Kits
      - 75/T8 LED Lamps
      - 4/Emergency Exit Signs
      - 1/RAB Wall Pack
        - Bldg #1 fixture replacement
      - 12/125W LED Linear Fixtures
      - 1/50W Caretaker Light
        - Bldg #2 fixture replacement
      - 92/9W Screw in lamps
      - 3/ Emergency Lights
      - 2/9W Screw in A-Lamps
  - Removal/Disposal of all old lamps and fixtures
  - Estimated Incentive/Rebate = \$617.25
    - ✓ Incentive/Rebate subject to change, based on Consumers Energy program
  - All Incentives/Rebates will be made to the City of West Branch

#### ❖ Exclusions:

- ✓ Any Electrical Scope not mentioned above

**Total Project Cost: \$8,515.00**

**Payment terms: 50% is due upon signing of proposal; remaining balance due, day of completion**

*Acceptance of Proposal* - The above prices, specifications and conditions are satisfactory and are hereby accepted.  
You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: \_\_\_\_\_ Signature: \_\_\_\_\_



## FEATURES & SPECIFICATIONS

### INTENDED USE

Suitable for emergency lighting applications such as stairways and hallways.

### CONSTRUCTION

Injection-molded, flame-retardant, high-impact, thermoplastic housing with snap-fit design components with LED lamps for easy installation. Universal J-box pattern. Track and swivel arrangement permits full range of lamp adjustment.

### OPTICS

The typical life of the LED is 10 years. Two 1W LED lamps for emergency light.

### ELECTRICAL

Dual-voltage input 120V or 277V AC. Emergency unit provided with test switch, status indicator and rechargeable battery. Maintenance-free nickel-cadmium battery provides 90 minutes of emergency power. Optional high-output battery to power both local and optional LED remote lamp heads simultaneously. The HO option provides additional 3W of LED remote capacity (up to 2 LED remote heads).

### LISTINGS

UL Listed. Meets UL 924, NFPA 101, NFPA 70-NEC and OSHA illumination standards. Damp location 32°F to 122°F (0°C to 50°C) listed standard.

### WARRANTY

2-year limited warranty. Complete warranty terms located at:

[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties.

**NOTE:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog  
Number

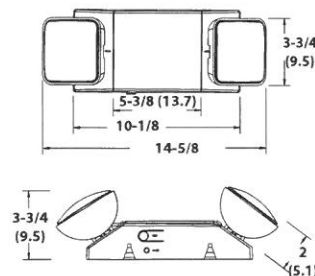
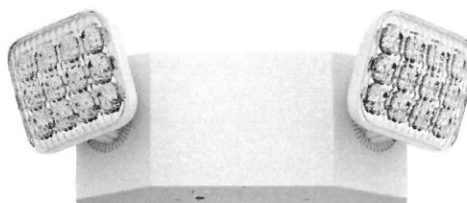
Notes

Type

Contractor Select

## LED UNITS

LED Lamps



Weight: 4 lbs. (1.82 kgs.).

All dimensions are inches (centimeters) unless otherwise indicated.  
[Photometry/Design Tools](#)

### ORDERING INFORMATION

All configurations of this product are considered "standard" and have short lead times.

Catalog Number	UPC	Description	Supply Voltage	Input Wattage <sup>2</sup>	Standard Pallet Qty.	Carton Qty.
EU2 LED M12 <sup>1</sup>	784231874493	Emergency lighting unit	120/277	1.8	324	12
EU2 LED HO M6	888791131215	Emergency lighting unit high output option	120/277	2.1	324	6

### Accessories: Order as separate items.

ELA WG1	Wireguard (back mount only) <sup>3</sup>
ELA Q L0304	Single LED indoor remote head, white, 1.5W, 3.6V <sup>4</sup>
ELA T Q L0304	Twin LED indoor remote head, white, 3W, 3.6V <sup>4</sup>
ELA QWP L0304	Single LED weather-proof remote head, gray, 1.5W, 3.6V <sup>4</sup>
ELA T QWP L0304	Twin LED weather-proof remote head, gray, 1.5W, 3.6V <sup>4</sup>

### Notes:

1. See [T20C compliance product list](#). Only available with EU2 LED M12.
2. Per lamp head.
3. See spec sheet [ELA-WG](#).
4. Available with HO option only.



LED-UNITS

Lumark

Catalog #	Type
Project	
Comments	Date
Prepared by	

DESCRIPTION

The Caretaker™ LED Area luminaire incorporates durability, long life, and unmatched performance in a package that is ideal for a wide variety of applications. The unique universal mounting plate allows quick and easy installation whether it is wall mounted security lighting, residential street lighting, perimeter area lighting, parking areas, loading platforms, boat docks, access drives or pathways. Designed for years of worry free illumination, the Caretaker LED is UL listed for wet locations, has a heavy-duty die-cast aluminum housing and includes an integrated 6KV surge protection device.

SPECIFICATION FEATURES

**Construction**  
Die-cast, heavy-duty aluminum housing. Single-point access to hinged, removable power tray door for ease of installation and maintenance.

**Electrical**  
LED driver mounted to removable die-cast aluminum door. Standard driver is non-dimming, 120V only. Optional dimming driver is offered with 120-277V, 50/60Hz and a ANSI C136-41 7-PIN photocontrol input.

**Optics**  
Injection molded optics are designed for widespread coverage and excellent uniformity, optimizing application spacing and two lumen packages with standard 5000K CCT with a minimum 70 CRI. Optional 3000K CCT with a minimum 80 CRI. Meeting the requirements for Dark Sky, the Caretaker LED's uniform light distribution creates a consistent, even distribution replacing up to 250W metal halide.

**Mounting**  
The Caretaker luminaire is supplied with a universal mounting bracket for either wall or wood pole mounting and an integral two-bolt slipfitter for mounting on 1-1/4" to 2" standard pipe (1-5/8" to 2-3/8" O.D.).

**Finish**  
Standard natural aluminum finish.

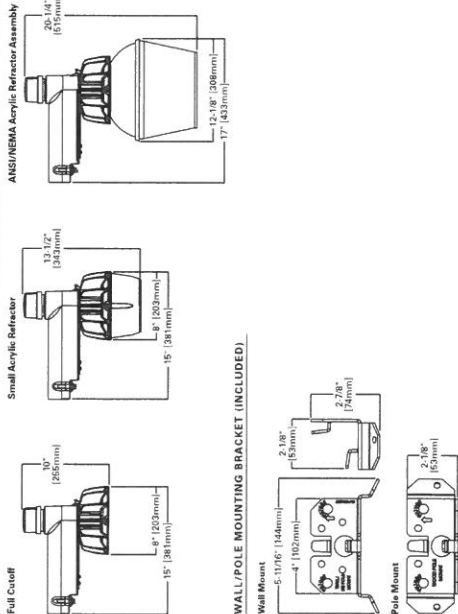
**Warranty**  
Five year warranty.

CTKR CARETAKER LED

8 or 12 LEDs  
Solid State LED

AREA LUMINAIRE

DIMENSIONS



**CERTIFICATION DATA**  
UL/ULC Wet Location Listed  
IP66 Optical Chamber  
UL ENEC CE Marked  
30 Vibration Bands  
RoHS Compliant  
Lighting Facts® Registered

**ENERGY DATA**  
**Electronic LED Driver**  
> 0.9 Power Factor  
< 20% Total Harmonic Distortion  
120V, 50/60Hz  
Rated Minimum Ambient Temperature  
Rating  
+40°C Maximum Ambient Temperature  
Rating

**EPA**  
**Effective Projected Area:** (Sq. Ft.)  
Full Cutoff 0.67

**SHIPPING DATA**  
Approximate Net Weight: 8 lbs. (3.6 kg.)



TDS000506EN  
2017-05-03 10:35:46



\*www.designlights.org

CTKR CARETAKER LED

LUMEN MAINTENANCE

Ambient Temperature	8 LEDs	Theoretical L70 (Hours)
15°C	> 86%	> 52,000
25°C	> 86%	> 72,000
40°C	> 83%	> 49,000

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
15°C	1.04
25°C	1.03
40°C	0.96

POWER AND LUMENS

CCT (Color Temperature)	5000K*	3000K*
Power (Watts)	50W	70W
Input Current @ 120V (A)	0.41	0.41
Optics		
Lumens	5,112	7,169
BUG Rating	3.0-1	3.0-1

NOTE: 5000K is at 70CRI, 3000K is at 80CRI.

ORDERING INFORMATION

Stock Number <sup>1</sup>	Wattage	Voltage	Dimming	LED Kelvin (CCT)	Photocontrol	Mounting	Accessories (Order Separately)
CTRV1A	50W	120V	..	5000K / 70 CRI	3-PIN NEMA Twistlock Photocontrol		SB CARETAKER-Grill Acrylic Reflector RMARR0AS-ANSI/NEMA A-1 Reflector Assembly
CTRV2A	70W	120V	..	5000K / 70 CRI	3-PIN NEMA Twistlock Photocontrol		
CTRV1A-D-UNV	50W	120V/277V	0-10V	5000K / 70 CRI	7-PIN NEMA Receptacle (With 3-PIN NEMA Twistlock Photocontrol)	Wall/Pole Mount Bracket and Integral Slipfitter	
CTRV2A-D-UNV	70W	120V/277V	0-10V	5000K / 70 CRI	7-PIN NEMA Receptacle (With 3-PIN NEMA Twistlock Photocontrol)	Wall/Pole Mount Bracket and Integral Slipfitter	
CTRV1A-4030	50W	120V	..	3000K / 80 CRI	3-PIN NEMA Twistlock Photocontrol		
CTRV2A-4030	70W	120V	..	3000K / 80 CRI	3-PIN NEMA Twistlock Photocontrol		
CTRV1A-D-UNV-8030	50W	120V/277V	0-10V	3000K / 80 CRI	7-PIN NEMA Receptacle (With 3-PIN NEMA Twistlock Photocontrol)		
CTRV2A-D-UNV-8030	70W	120V/277V	0-10V	3000K / 80 CRI	7-PIN NEMA Receptacle (With 3-PIN NEMA Twistlock Photocontrol)		

NOTES

<sup>1</sup> Designlights Consortium™ Qualified and classified for both DLC Standard and DLC Premium™, refer to www.designlights.org for details.

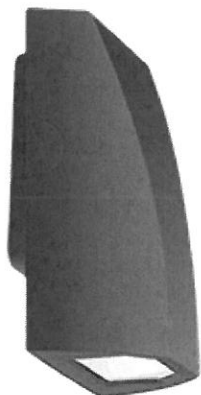
Eaton  
15000 Highway 10 South  
Troy, Michigan 48065  
P: 770-546-4800  
www.eaton.com/lighting

Powering Business Worldwide

Specifications and dimensions subject to change without notice.

TDS000506EN  
2017-05-03 10:35:46

## SLIM18



12, 18 and 26 Watt SLIM wallpacks are ultra efficient and deliver impressive light distribution with a compact low-profile design that's super easy to install as a downlight or uplight.

Color: Bronze

Weight: 4.5 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type:	Constant Current	Watts:	18W
120V:	0.18A	Color Temp:	5100K (Cool)
208V:	0.11A	Color Accuracy:	71 CRI
240V:	0.09A	L70 Lifespan:	100000
277V:	0.08A	Lumens:	2560
Input Watts:	21W	Efficacy:	121 LPW
Efficiency:	85%		

#### LED Info

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

#### DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. DLC Product Code: PSPVC3C7

#### ADA Compliant:

SLIM™ is ADA Compliant

#### Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

### Construction

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

#### Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

#### Housing:

Precision die-cast aluminum housing

#### Mounting:

Heavy-duty mounting bracket with hinged housing for easy installation

#### Recommended Mounting Height:

Up to 14 ft

#### Lens:

Tempered glass lens

#### Reflector:

Specular thermoplastic

#### Gaskets:

High-temperature silicone

#### Finish:

Formulated for high-durability and long lasting color

#### Green Technology:

Mercury and UV-free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOCs or toxic heavy metals.

### LED Characteristics

#### LED:

Multi-chip, long-life LED

#### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

#### Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period

#### Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines for the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Electrical

#### Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz., 4KV surge protection, 120V: 0.19A, 208V: 0.11A, 240V: 0.10A, 277V: 0.08A

#### Other

#### Patents:

The design of the SLIM™ is protected by patents in U.S. Pat D681,864, and pending patents in Canada, China, Taiwan and Mexico.

#### HID Replacement Range:

Replaces 100W Metal Halide

#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Optical

#### BUG Rating:

B1 U0 G0

## SLIM18



## Dimensions



## Features

- Full cutoff, fully shielded LED wallpack
- Can be used as a downlight or uplight
- Contractor friendly features for easy installation
- 100,000-hour LED Life
- 5-Year, No-Compromise Warranty

## Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver	Options
SLIM	18	^	^	^	^
	26 = 26W	Blank = 5000K (Cool)	Blank = Bronze	Blank = Standard (120-277V)	Blank = No Option
	18 = 18W	N = 4000K (Neutral)	W = White	/D10 = Dimmable	/PC = 120V Button
	12 = 12W	Y = 3000K (Warm)			/PC2 = 277V Button
					/LC = Lightcloud Controller

ARBAY2-125



This economical linear high-bay delivers versatility and ultra-high efficiency. Available in 90, 125, 175 and 260 Watt versions for mounting heights ranging from 15 to 50 feet.

Color: White

Weight: 16.5 lbs

Project:

Type:

Prepared By:

Date:

Driver Info		LED Info	
Type:	120V	Constant Current	125W
	200V	1.09A	5000K
	240V	0.65A	84 CRI
	277V	0.56A	L70 L lifespan:
		0.46A	50000
Input Watts:	128W	Lumens:	17462
Efficiency:	97%	Efficacy:	136 LPW

Technical Specifications

<b>Listings</b>	<b>Color Uniformity:</b> RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.371-2015.	<b>Housing:</b> Die formed painted steel
<b>UL Listing:</b> Suitable for damp locations.	<b>IESNA LM-79 &amp; LM-80 Testing:</b> RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.	<b>Lens:</b> Diffused Polymethyl Methacrylate (PMMA)
<b>LED Characteristics</b>	<b>Electrical</b>	<b>Mounting:</b> V hooks and optional pendant mounting
<b>Lifespan:</b> 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.	<b>Driver:</b> Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 1.09A, 200V: 0.65A, 240V: 0.56A, 277V 0.46A	<b>Finish:</b> Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.
<b>LEDs:</b> Long-life, high-efficiency, surface mount LEDs	<b>THD:</b> 7.6% at 120V, 8.1% at 277V	<b>Green Technology:</b> Mercury and UV free, RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.
<b>Replacement:</b> 125W replaces up to (6) F32T8, (4) F54T5 or 400W HID.	<b>Power Factor:</b> 99.5% at 120V, 98.5% at 277V	<b>Other</b>
<b>Color Stability:</b> LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period	<b>Surge Protection:</b> 4kV	<b>5 Yr. Limited Warranty:</b> RAB guarantees fixture operation and paint finish for a period of 5 years.
	<b>Construction</b>	
	<b>Operating Temperature:</b> -20°C (-4°F) - 55°C (131°F)	

ARBAY2-125



Dimensions

- Features
- High efficiency. Low price.
  - Rated for high ambient environments up to 55° C
  - Available with factory-installed lightcloud controls
  - Ideal for industrial warehouse spaces
  - 50,000 hour LED lifespan
  - 5-year limited warranty

Ordering Matrix

Family	Length	Wattage	Color Temp	Voltage	Control Options	Battery Backup	Cord & Plug
ARBAY	2	125	Blank = 5000K (Cool) N = 4000K (Neutral)	Blank = 120-277V /480 = 480V	Blank = No Control Option /LCS = LCHSENSE w/ mounting arm (120V - 277V) /LOS = LOSBAY600 w/ mounting arm (480V not available) /LC = Lightcloud (120V - 277V)	Blank = No Battery Backup /EZ = Battery Backup (120V - 277V)	Blank = No cord and plug /BC = 8 ft. cord, no plug /BCP = 8 ft. cord & straight plug, 120V /BCP2 = 8 ft. cord & straight plug, 277V /BCPT2 = 8 ft. cord & twistlock, 277V /BCPT4 = 8 ft. cord & twistlock, 480V





Medler Electric Company  
An Employee Owned Company

**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4332874
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  1

QUOTE TO:

CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

SHIP TO:

CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE	
Ed Kaniewski (WBR)		CITY HALL		05/17/18	
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT	
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No	
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT	
		*****			
		POTENTIAL CONSUMER'S REBATE \$516.00			
		*****			
4ea	1420979	S29812 11A19/LED/4000K/1100L/120V/D	5.750	23.00	
-4ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM	3.250	-13.00	
		OUTSIDE A LAMPS			
		-----			
7ea	1425787	S9846 9W LED LAMP	9.000	63.00	
7ea	1425783	PROG P5334-20 1LT 75W FIXTURE	70.000	490.00	
		OR			
7ea	1425784	PROG P5332-20 1LT 75W FIXTURE	90.000	630.00	
		NEW LIGHT FIXTURES			
		-----			
4ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W	8.000	32.00	
		BALLAST BYPASS 4000K 50000 HOURS			
		120-277V SHUNTED OR NON-SHUNTED			
		SOCKETS DLC GLASS TUBE DOUBLE ENDED			
		ONLY			
		BATHROOMS			
		-----			
18ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W	8.000	144.00	
		BALLAST BYPASS 4000K 50000 HOURS			
		120-277V SHUNTED OR NON-SHUNTED			
		SOCKETS DLC GLASS TUBE DOUBLE ENDED			
		ONLY			
		BACK EXIT AREA			
		-----			
4ea	1423562	LITH EXR-LED-EL-5YW M6 EMER LED	25.000	100.00	
		EXIT SIGN			
-4ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE	7.000	-28.00	
*** Continued on Next Page ***					





**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4332874
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  2

QUOTE TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		CITY HALL		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
		PROGRAM EXIT SIGNS -----		
48ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY COUNCIL CHAMBER -----	8.000	384.00
8ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY COUNCIL BREAK ROOM -----	8.000	64.00
8ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY CHAMBER UTILITY ROOMS -----	8.000	64.00
1ea	1311824	LITH EU2-LED-M12 EMERGI LITE 2 %%%%%%%%%%%%%%%%%%%%%%%% EMERGENCY LIGHT -----	20.000	20.00
6ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED	8.000	48.00

\*\*\* Continued on Next Page \*\*\*



Medler Electric Company  
An Employee Owned Company

**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4332874
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  3

QUOTE TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

SHIP TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE	
Ed Kaniewski (WBR)		CITY HALL		05/17/18	
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT	
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No	
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT	
48ea	1399047	SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY OVER SERVICE COUNTER ----- SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY SERVICE AREA -----	8.000	384.00	
4ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY STORAGE -----	8.000	32.00	
28ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY OFFICES ----- TAXES NOT INCLUDED	8.000	224.00	

THIS IS A QUOTATION  
Prices will expire on 05/16/18  
APPLICABLE TAXES EXTRA !

Subtotal	2661.00
S&H CHGS	0.00
Amount Due	2661.00



**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4332958
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  1

QUOTE TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		CITY POLICE		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		OT OUR TRUCK	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
6ea	1399047	***** POTENTIAL CONSUMER'S REBATE \$750.00 ***** SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY ENTRY WAY/LOBBY -----	8.000	48.00
142ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY ALL TROFFERS/WRAPS -----	8.000	1136.00
1ea	1423562	LITH EXR-LED-EL-5YW M6 EMER LED EXIT SIGN	24.000	24.00
4ea	1423583	LITH ECR LED HO 5YW M6 RED EXIT/EMER COMBO HI OUTPUT %%%%%%%%%	70.000	280.00
5ea	1317520	LITH ELA LED WP M12 REMOTE HEAD	30.000	150.00
-5ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM -----	7.000	-35.00
8ea	1402694	SATCO S9856 RECESSED CANS -----	12.000	96.00
4ea	1323684	RAB SLIM26 26WATT COOL LED WALLPACK OUTSIDE WALLPACKS	151.000	604.00
*** Continued on Next Page ***				



Medler Electric Company  
An Employee Owned Company

**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4332958
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  2

QUOTE TO:

CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

SHIP TO:

CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		CITY POLICE		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		OT OUR TRUCK	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
2EA	1361207	----- LED8089M50 80W MOGUL BASE 5000K WALL PACK LAMP PARKING LOT FLOOD REPLACEMENT LAMP ----- TAXES NOT INCLUDED	175.000	350.00
THIS IS A QUOTATION Prices will expire on 05/16/18 APPLICABLE TAXES EXTRA !			Subtotal	2653.00
			S&H CHGS	1.00
			Amount Due	2654.00





**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/16/18	S4332722
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  1

QUOTE TO:

CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:

CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		DPW LED		05/16/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
		***** POTENTIAL CONSUMER'S REBATE \$2339.25 *****		
2EA	1361207	LED8089M50 80W MOGUL BASE 5000K WALL PACK LAMP OUTSIDE WALLPACKS	175.000	350.00
2ea	1359399	----- INT EK4236S INTERMATIC STEM&SWIVEL MOUNT LED 1800W 6AMP PHOTO CONTROL 120-277V -----	20.000	40.00
1ea	1418712	SATCO S29818 15A19/LED/5000K/1600L/120V/D	7.000	7.00
-1ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM	3.250	-3.25
2ea	1390045	SATCO S9456 18 Watt 4000K 40 1400L	14.000	28.00
-2ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM SALT BARN -----	7.000	-14.00
2ea	1317520	LITH ELA LED WP M12 REMOTE HEAD OUTDOOR REMOTE HEADS -----	30.000	60.00
20ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY OFFICE/PLAN ROOM -----	8.000	160.00
*** Continued on Next Page ***				



**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/16/18	S4332722
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  2

QUOTE TO:

CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:

CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		DPW LED		05/16/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
6EA	1404195	LED LED-8032M57-A 150W LAMP	240.000	1440.00
1ea	1423583	LITH ECR LED HO 5YW M6 RED EXIT/EMER COMBO HI OUTPUT %%%%%%%%%%%%%%%%%	70.000	70.00
-1ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM	5.000	-5.00
1ea	1390045	SATCO S9456 18 Watt 4000K 400 1400L	14.000	14.00
-1ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM WAREHOUSE	7.000	-7.00
8ea	1399047	----- SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY BATHROOM	8.000	64.00
8ea	1399047	----- SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY BREAK ROOM	8.000	64.00
2ea	1418712	----- SATCO S29818 15A19/LED/5000K/1600L/120V/D	7.000	14.00
-2ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM UPSTAIRS STORAGE -----	3.250	-6.50

\*\*\* Continued on Next Page \*\*\*



**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/16/18	S4332722
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  3

QUOTE TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		DPW LED		05/16/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
1ea	1390045	SATCO S9456 18 Watt 4000K 40 1400L	14.000	14.00
-1ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM	3.250	-3.25
21EA	1404195	LED LED-8032M57-A 150W LAMP	240.000	5040.00
1ea	1423563	LITH ECR LED 5YW M6 RED LED EXIT/UNIT COMBO %%%%%%%%%%%%%%%%%	45.000	45.00
1ea	1423583	LITH ECR LED HO 5YW M6 RED EXIT/EMER COMBO HI OUTPUT %%%%%%%%%%%%%%%%%	70.000	70.00
-2ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM MAIN WAREHOUSE ----- TAXES NOT INCLUDED	5.000	-10.00
			Subtotal	7431.00
			S&H CHGS	0.00
			Amount Due	7431.00

THIS IS A QUOTATION  
 Prices will expire on 05/15/18  
 APPLICABLE TAXES EXTRA !





**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4333288
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  1

QUOTE TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		WWTP		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
		***** ESTIMATED CONSUMER'S REBATE \$1387.68 *****		
300ea	1399508	SATCO S9916 14T8/LED/48-850/BP 120-277V 14watt 5000K 1800 lumens TYPE B DOUBLE ENDED LED 4' T8 4L FIXTURES	8.000	2400.00
70ea	1418115	SATCO S29719 25T5/LED/46-850/BP/HO LED T5 BALLAST BYPASS 120-277V (25 BOX) 25 WATT, 3400 LUMEN, SINGLE END WIRING 4' T5 FIXTURES	11.000	770.00
12ea	1420975	SATCO S29391 22W/LED/HID/5000K/100-277V EQUAL TO 150 WATT	40.000	480.00
11ea	1420984	SATCO S29394 54W/LED/HID/5K/100-277V/EX39 LIGHT POLES EQUAL TO 250 WATT	62.000	682.00
12ea	1418712	SATCO S29818 15A19/LED/5000K/1600L/120V/D	7.000	84.00
-12ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM MISC A LAMPS	3.250	-39.00
17ea	1422494	SATCO S29390	35.000	595.00

\*\*\* Continued on Next Page \*\*\*



Medler Electric Company  
An Employee Owned Company

MEDLER ELECTRIC CO. #4  
2543 SOUTH M-76  
WEST BRANCH, MI 48661  
989-345-5720 Fax 989-345-4575

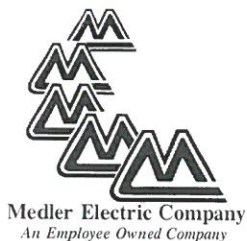
## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4333288
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  2

QUOTE TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

SHIP TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		WWTP		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
		18W/LED/HID/5000K/100-277V EQUAL TO 100 M.H. ----- TAXES NOT INCLUDED		
THIS IS A QUOTATION Prices will expire on 05/16/18 APPLICABLE TAXES EXTRA !			Subtotal	4972.00
			S&H CHGS	0.00
			Amount Due	4972.00



**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4333101
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  1

QUOTE TO:

CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:

CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		<b>DOWNTOWN LED</b>		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
129ea	1418389	***** POTENTIAL CONSUMER'S REBATE \$1496.40 *****		
1ea	6024	LED-8033E57-A 38W RETROFIT LAMP LEV 8681 MOG TO MED LMPHLDR ADAPTER REDUCER SOME WILL BE NEEDED ----- TAXES NOT INCLUDED	52.000 3.000	6708.00 3.00
THIS IS A QUOTATION Prices will expire on 05/16/18 APPLICABLE TAXES EXTRA !			Subtotal S&H CHGS	6711.00 0.00
			Amount Due	6711.00



**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4333126
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  1

QUOTE TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

SHIP TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		AIRPORT LED		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
		***** ESTIMATED CONSUMER'S REBATE \$617.25 *****		
12EA	1364125	K-1804-VKTW-LED-PW NON BALLAST RETRO KIT LED T8 SINGLE ENDED	15.000	180.00
48ea	1384685	SATCO S9723 15T8/LED/48-850/BP 15W T8 LED BY-PASS DIRECT WIRE-NO BALLST, 82CR, 5000K, 1800 LUMEN 50K HRS, DLC, 120-277V INSTALL IN NON-SHUNTED HOLDERS	8.000	384.00
1ea	1423563	LITH ECR LED 5YW M6 RED LED EXIT/UNIT COMBO %%%%%%%%%	45.000	45.00
-1ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM	7.000	-7.00
1ea	1324696	RAB SLIM18/PC BLDG #1 -----	152.000	152.00
12ea	1411264	RAB ARBAY2-125 AEROBAY 2' 125W 5K LED DIM WHITE	166.000	1992.00
1ea	1423563	LITH ECR LED 5YW M6 RED LED EXIT/UNIT COMBO %%%%%%%%%	45.000	45.00
-1ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM	7.000	-7.00
1ea	1346964	HALO CTKRV1A 50W LED AREA LIGHT CARETAKER 120 VOLT ONLY BLDG#2 -----	128.000	128.00
1ea	1423563	LITH ECR LED 5YW M6 RED LED EXIT/UNIT COMBO	45.000	45.00

\*\*\* Continued on Next Page \*\*\*





**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4333126
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  2

QUOTE TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:  
 CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		AIRPORT LED		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
-1ea	1317573	%%%%%%%%%% CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM	7.000	-7.00
32ea	1418928	SATCO S29852 9WPLH/LED/840/DR/4P MEETING ROOM NON DIMMABLE ONLY	12.000	384.00
4ea	1418928	----- SATCO S29852 9WPLH/LED/840/DR/4P TV ROOM	12.000	48.00
12ea	1418928	----- SATCO S29852 9WPLH/LED/840/DR/4P COMPUTER ROOM	12.000	144.00
1ea	1403206	SATCO S9698 8WATT BR30 LED 2700K	17.000	17.00
-2ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM FIRE PLACE	8.000	-16.00
8ea	1418928	----- SATCO S29852 9WPLH/LED/840/DR/4P	12.000	96.00
2ea	1423563	LITH ECR LED 5YW M6 RED LED EXIT/UNIT COMBO	45.000	90.00
-2ea	1317573	%%%%%%%%%% CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM MAIN ROOM	7.000	-14.00
2ea	1399047	----- SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY	8.000	16.00

\*\*\* Continued on Next Page \*\*\*



Medler Electric Company  
An Employee Owned Company

**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4333126
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	
PAGE NO.  3	

QUOTE TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

SHIP TO:  
CITY OF WEST BRANCH AD  
121 N. FOURTH ST  
WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		AIRPORT LED		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
		FURNACE ROOM -----		
6ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY MANAGER ROOM	8.000	48.00
4ea	1418928	SATCO S29852 9WPLH/LED/840/DR/4P *Above Item Not Returnable W/O RGA*	12.000	48.00
3ea	1399047	SATCO S9915 14T8/LED/48-840/BP 14W BALLAST BYPASS 4000K 50000 HOURS 120-277V SHUNTED OR NON-SHUNTED SOCKETS DLC GLASS TUBE DOUBLE ENDED ONLY	8.000	24.00
3ea	1311824	LITH EU2-LED-M12 EMERGI LITE 2 %%%%%%%%%	20.000	60.00
		MISC ROOMS -----		
12ea	1384685	SATCO S9723 15T8/LED/48-850/BP 15W T8 LED BY-PASS DIRECT WIRE-NO BALLST, 82CR, 5000K, 1800 LUMEN 50K HRS, DLC, 120-277V INSTALL IN NON-SHUNTED HOLDERS	8.000	96.00
4ea	1399508	SATCO S9916 14T8/LED/48-850/BP 120-277V 14watt 5000K 1800 lumens TYPE B DOUBLE ENDED LED	8.000	32.00
1ea	1423563	LITH ECR LED 5YW M6 RED LED EXIT/UNIT COMBO %%%%%%%%%	45.000	45.00

\*\*\* Continued on Next Page \*\*\*



Medler Electric Company  
An Employee Owned Company

**MEDLER ELECTRIC CO. #4**  
**2543 SOUTH M-76**  
**WEST BRANCH, MI 48661**  
**989-345-5720 Fax 989-345-4575**

## Quotation

QUOTE DATE	QUOTE NUMBER
05/17/18	S4333126
ORDER TO: MEDLER ELECTRIC CO. #4 2543 SOUTH M-76 WEST BRANCH, MI 48661 989-345-5720 Fax 989-345-4575	PAGE NO.  4

QUOTE TO:

CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

SHIP TO:

CITY OF WEST BRANCH AD  
 121 N. FOURTH ST  
 WEST BRANCH, MI 48661

WRITER		CUSTOMER ORDER NUMBER	RELEASE NUMBER	SHIP DATE
Ed Kaniewski (WBR)		AIRPORT LED		05/17/18
SALESPERSON		SHIP VIA	TERMS	FREIGHT EXEMPT
Kim Bastedo (WBR)		WC WILL CALL	1%10th Net 30	No
ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
-1ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM BASEMENT	7.000	-7.00
8ea	1399508	SATCO S9916 14T8/LED/48-850/BP 120-277V 14watt 5000K 1800 lumens TYPE B DOUBLE ENDED LED BATHROOMS	8.000	64.00
4ea	1418928	SATCO S29852 9WPLH/LED/840/DR/4P LOBBY	12.000	48.00
4ea	1418928	SATCO S29852 9WPLH/LED/840/DR/4P OUTSIDE INDIRECT	12.000	48.00
24ea	1418928	SATCO S29852 9WPLH/LED/840/DR/4P OUTSIDE SOFIT	12.000	288.00
2ea	1419239	SATCO S29838 9.8A19/OMNI/220/LED/40K 9.8W 120V LED LAMP	7.000	14.00
-2ea	1317573	CONSUMERS ENERGY MIDSTREAM REBATE PROGRAM OUTSIDE PORCH LIGHTS	3.250	-6.50
TAXES NOT INCLUDED				
THIS IS A QUOTATION			Subtotal	4516.50
Prices will expire on 05/16/18			S&H CHGS	0.00
APPLICABLE TAXES EXTRA !			Amount Due	4516.50



Vendor	Location	City Hall	Police	DPW	WWTP	downtown lights	Airport	Total
Energy Specialties Group Inc	job cost labor	\$2,250.00	\$2,117.50	\$2,185.00	\$5,432.50	\$5,482.50		\$17,467.50
	job cost material	\$2,355.00	\$2,225.00	\$5,977.25	\$6,230.50	\$6,127.50		\$22,915.25
Lansing	rebate	\$1,193.00	\$2,005.00	\$3,792.39	\$2,206.00	\$4,432.00		\$13,628.39
watlasher@gmail.com	final cost	\$3,412.00	\$2,337.50	\$4,369.86	\$9,457.00	\$7,178.00	\$0.00	\$26,754.36
	warranty material	5 years						
	warranty labor	1-2 years						
Master Electric Inc	job cost mat'l & labor	\$6,933.00	\$6,084.48	\$13,285.25	\$14,980.56		\$9,132.25	\$50,415.54
Gladwin	rebate	\$516.00	\$602.48	\$2,339.25	\$1,628.56		\$617.25	\$5,703.54
alaina@masterelectricinc.net	final cost	\$6,417.00	\$5,482.00	\$10,946.00	\$13,352.00	\$0.00	\$8,515.00	\$44,712.00
	warranty material	5 years						
	warranty labor	1 year						
Medler Electric Inc	job cost material only	\$2,661.00	\$2,654.00	\$7,431.00	\$4,972.00	\$6,711.00	\$4,516.50	\$28,945.50
West Branch	rebate	\$516.00	\$750.00	\$2,339.25	\$1,387.68	\$1,496.40	\$617.25	\$7,106.58
	final cost	\$2,145.00	\$1,904.00	\$5,091.75	\$3,584.32	\$5,214.60	\$3,899.25	\$21,838.92
	warranty material	5 years						



## City of West Branch

121 North Fourth Street, West Branch, Michigan 48661  
Phone 989-345-0500 ☎ Fax 989-345-4390 ☎ e-mail [clerktreasurer@westbranch.com](mailto:clerktreasurer@westbranch.com)

The lighting bids are the second round of bids provided. During the first bid, each company did a tour of the buildings and made their own list of material required; however, the lists were so different that a comparison between the bids was not possible. In order to get a single list of materials that everyone could bid on, Ed Kaniewski, a lighting specialist from Medler Electric went building by building and talked with the employees at each building to get an idea of needs and made a list of their recommendation for light replacements. This list was then sent to everyone who bid the first time. The first round had 8 bids while this time we only had 2 bids, in addition Medler Electric did supply us with a bid for the materials only this time with the anticipation that we could combine it with some bids for labor only, to hopefully save some money. We did not get any labor only bids this time however.

One thing to note, the rebate estimates that were supplied by Energy Specialties Inc. seem to be quite a bit more than the other two who seem to be pretty in line with each other. I cannot provide any insight into which one is the true rebate cost.

I have also talked with both Energy Specialties and Master Electric and they are not interested in providing labor unless they provide the materials as well.

Medler Electric is going to try and have someone at the meeting that would be available for any questions that you may have, in addition Mike Goebel of Energy Specialties is planning on being at the meeting as well.

My only recommendation would be to add a contingency to the awarding of the bid that the amount is verified to be in this year's budget by Manager Grace upon her return.

## | Eliason & Dantzer Law

109 N. Third Street  
West Branch, MI 48661  
(989) 281-2366

June 29, 2018

City Council  
121 N. 4<sup>th</sup> Street  
West Branch, Michigan 48661

RE: City Attorney Bid

Dear Council,

The purpose of this letter is to resubmit my bid as City Attorney for the City of West Branch. It has been my pleasure to serve as attorney for the City of West Branch for the last two years. I thoroughly enjoy my work for the City and City Council would be honored to continue in that role. I would resubmit my bid at my current rate, \$75.00/hour.

Warm Regards,

Gabrielle E. Dantzer

## **Sole Source Vendor Exception Request**

for

### **City Attorney Contract**

**07/16/2018**

Pursuant to § 33.09 SOLE SOURCE VENDORS, "Supplies, materials, equipment and services may be purchased without formal bidding when the City Manager demonstrates in writing to the City Council that there is only one practical source for the supply, material, equipment or service."

In this instance, City Clerk/Treasurer on behalf of City Manager Heather Grace is requesting that the City Council forego formal bidding and approve the selection of "Eliason & Dantzer Law Offices" as the City Attorney for the City of West Branch and approve the "Legal Representation & Fee Agreement" submitted by Eliason & Dantzer Law attorney Gabbrielle Dantzer for the 2018/2019 fiscal year, for the following reasons:

- There is only one practical source for the provision of City Attorney services for the current fiscal year, due to the fact that the current City Attorney, Gabrielle Dantzer of Eliason & Dantzer Law Offices, is already working on current issues involving, among other things, a tax tribunal case and a personal property tax issue which would only impede the handling of these issues.;
- The contract submitted by Eliason Dantzer Law Offices for the 2018/2019 fiscal year proposes no increase in compensation compared to the billing practices of the previous fiscal year.

Thank you.

-----City Clerk/Treasurer John Dantzer

# **Unfinished Business**

**New Business**

Home



search

Home

Government ▾

Services ▾

Economic Development ▾

Zoning ▾

Live, Work, &amp; Play ▾

Boards &amp; Committees ▾

Utilities ▾

Transportation ▾

Forms ▾

Community Revitalization ▾

Edit Left Nav

Home &gt; More News &gt; NOTICE OF BOARD OPENINGS

## NOTICE OF BOARD OPENINGS

Print This E-mail This

Edit This News

Edit Meta Data

Admin Panel

Help

The City of West Branch is looking for applicants to fill openings for the following boards:

### 1. Planning Commission.

The Planning Commission is looking for someone to fill a vacant position to represent the transportation segment of the community. The current term is set to expire on 11/30/19. The Planning Commission meets on the second Tuesday of every month at 6:00 pm at City Hall. They also reserve the fourth Tuesday of every month for meetings as needed. Applications are to be turned in by Tuesday, July 3 at 4:30 pm and will be reviewed at their regular meeting on July 10 at 6:00 pm at City Hall

For a complete job description, please click [here](#).  
To view the bylaws, please click [here](#)

### 2. Election Board

The Election Board is responsible for the appointment of the Board of Election Inspectors and have charge of all activities and duties required by statute and the City of West Branch Charter relating to the conduct of elections in the City. Applications are to be turned in by Wednesday June 27th at 4:30 pm.

For a complete job description, please click [HERE](#)

FOR AN APPLICATION FOR EITHER BOARD, PLEASE CLICK [HERE](#).

### Location

### Map

### Media

#### City of West Branch

121 N 4th Street

West Branch MI 48661

Ph. (989) 345-0500 | Fax (989) 345-4390

Office Hours are Monday - Friday

8:00am to 4:30pm

#### [City of West Branch 5-Year Recreation Plan](#)

(click to view)

[Public comments on the 5-Year Recreation](#)[CVTRS Report](#)[Financial Dashboard](#)[Press Releases](#)[Title VI Non-Discrimination Plan](#)[FOIA Policy](#)[MI's Great Disinvestment](#)

The City of West Branch, the West Branch Area





## City of West Branch

121 N. Fourth St., West Branch, MI 48661  
Phone 989-345-0500 © Fax 989-345-4390 © email cityhall@westbranch.com

### APPLICATION FOR OPEN CITY BOARD OR COMMISSION POSITION

Application for: Planning Board/Commission

Name Cosine Cucynski

Address 1691 N. Germann Trl

Phone 989) 984-7039 (cell/phone)

Email kbeanie2002@gmail.com

City Resident? Yes \_\_\_ No X How Long? \_\_\_\_\_

Please list any previous City appointments or offices Ø

Please list any relevant employment or professional activities Hospice of Helping Har  
Multi-Business owner. ~~Call in City~~ except Skateplac

Other community affiliations/activities you feel would be a benefit to this position \_\_\_\_\_

Chamber Ambassador

Are you aware of the meeting schedule for this Board or Commission, and are you available to attend regularly scheduled meetings?

Aware of schedule? Yes X No \_\_\_ Can attend? Yes X No \_\_\_ Unsure \_\_\_

Why are you interested in serving of the City Board or Commission? \_\_\_\_\_

Improve and continue our city/town  
love WB!

What talents or experience would you bring to the position? Director; outside box thinking, optimistic (optimist member)

What are your primary interests in City Government and City services? Be involved help where I can.

Please relate any special goals you may have for the City Increase Growth!

Any other information you wish to provide for Mayor and Council consideration? Many-Many different areas of business and experience

Chris Haysley, RW  
Signature

6/25/18  
Date

Thank you for your interest in serving as a volunteer Board or Commission member.

Appointments to City Council advisory Board and Commissions are nominated by the Mayor and confirmed by consent of the City Council. If you are applying for a specific and currently open position, you will be notified of City Council's decision once it is made.

If you are submitting an application to be considered in the future as openings occur, you will be contacted by City staff when the vacancy is announced in order to confirm your interest in this specific opportunity.

Upon appointment, you will be required to stop by City Hall to complete a W-4, MI W-4 and an I-9 form along with supplying a copy of your driver's license and social security card or a copy of your passport.

# **Approval of Council Minutes & Summary**

REGULAR MEETING OF THE WEST BRANCH CITY COUNCIL HELD IN THE COUNCIL CHAMBERS OF CITY HALL, 121 NORTH FOURTH STREET, MONDAY, JULY 2, 2018.

Mayor Denise Lawrence called the meeting to order at 6:03 p.m.

Present: Mayor Denise Lawrence and Council Members Joanne Bennett, Mike Jackson, Aaron Tuttle, and Dan Weiler.

Absent: Council Members Tim Schaiberger and Rusty Showalter

Other officers present: Treasurer/Clerk John Dantzer, Planning Commission Chairperson Bob David (arrived at 6:10), DPW Superintendent Mike Killackey, and Police Chief Ken Walters.

All stood for the Pledge of Allegiance.

\* \* \* \* \*

Mayor Lawrence read a letter from Member Showalter noting he would not be able to make the meeting due to being called out of town for work.

**MOTION BY LAWRENCE, SECOND BY BENNETT, TO EXCUSE MEMBERS SHOWALTER AND SCHAIBERGER FROM THE MEETING.**

Yes — Bennett, Jackson, Lawrence, Tuttle, Weiler

No – None

Absent – Schaiberger, Showalter

Motion carried

\* \* \* \* \*

Bids were submitted for DPW equipment and Superintendent Killackey went over the bids and offered his recommendations.

**MOTION BY LAWRENCE, SECOND BY WEILER, TO AWARD THE BID FOR THE PICKUP TRUCK TO HODGES FOR AN AMOUNT NOT TO EXCEED \$31,994.40, TO AWARD THE BID FOR THE PLOW TRUCK TO D&K TRUCK FOR AN AMOUNT NOT TO EXCEED \$83,498 WITH THE ACCESSORIES TO BE AWARDED TO TRUCK AND TRAILER SPECIALTIES FOR AN AMOUNT NOT TO EXCEED \$84,346.42; TO AWARD THE BID FOR THE MOWER WITH ATTACHMENTS TO WILLARDS FOR AN AMOUNT NOT TO EXCEED \$35,288 ; AND TO AWARD THE BID FOR THE PLOW AND SALT SPREADER TO WEST BRANCH NAPA FOR AN AMOUNT NOT TO EXCEED \$10,090.99**

Yes — Bennett, Jackson, Lawrence, Tuttle, Weiler

No – None

Absent – Schaiberger, Showalter

Motion carried

\* \* \* \* \*

**MOTION BY LAWRENCE, SECOND BY JACKSON, TO PAY BILLS IN THE AMOUNT OF \$51,661.48**

**Yes — Bennett, Jackson, Lawrence, Tuttle, Weiler**

**No – None**

**Absent – Schaiberger, Showalter**

**Motion carried**

\* \* \* \* \*

**MOTION BY JACKSON, SECOND BY BENNETT, TO APPROVE PROCLAMATION 18-04**

**Proclamation # 18-04**

WHEREAS, each American Cancer Society Relay For Life event gives everyone an opportunity to fight cancer and help save more lives, and

WHEREAS, Relay For Life is the signature fundraising event for the American Cancer Society to help fund research and provide programs to assist cancer patients and their families, as well as our local communities, and

WHEREAS, Relay For Life events celebrate cancer survivors and caregivers coming together to be recognized for their personal fights against this disease that has taken too much, and

WHEREAS, there is a special Luminaria Ceremony at dusk to honor the memories of those who have lost their battle, celebrate those who have won, and support those whose fight continues, and

WHEREAS, the Relay For Life of Ogemaw County will be held at The Tolfree Wellness Park in West Branch, Michigan on Saturday, July 21-22 from 10 a.m. - 10 a.m. for the purpose of meeting the aforementioned objectives:

NOW, THEREFORE, BE IT PROCLAIMED, that July is named Relay For Life of Ogemaw County month in the City of West Branch and shall be dedicated to fight against cancer, and

BE IT FURTHER PROCLAIMED, that the City Clerk is directed to install this record in the permanent record of the City of West Branch, so that future West Branch citizens may look back with pride at community involvement in this signature event.

**Yes — Bennett, Jackson, Lawrence, Tuttle, Weiler**

**No – None**

**Absent – Schaiberger, Showalter**

**Motion carried**

\* \* \* \* \*

**MOTION BY LAWRENCE, SECOND BY TUTTLE, TO APPOINT DIANE BUSH TO THE ELECTION COMMISSION.**

**Yes — Bennett, Jackson, Lawrence, Tuttle, Weiler**

**No – None**

**Absent – Schaiberger, Showalter**

**Motion carried**

\* \* \* \* \*

A ballot for the MML Board of Trustees was presented.

**MOTION BY BENNETT, SECOND BY JACKSON, TO NAME CHRISTINE BURNS, TODD CAMPBELL, AND LEE KILBOURN AS THE VOTES FOR THE MML BOARD.**

**Yes — Bennett, Jackson, Lawrence, Tuttle, Weiler**

**No – None**

**Absent – Schaiberger, Showalter**

**Motion carried**

\* \* \* \* \*

**MOTION BY LAWRENCE, SECOND BY BENNETT, TO APPROVE THE MINUTES WITH CORRECTIONS AND SUMMARY FROM THE MEETING HELD JUNE 18, 2018.**

**Yes — Bennett, Jackson, Lawrence, Tuttle, Weiler**

**No – None**

**Absent – Schaiberger, Showalter**

**Motion carried**

\* \* \* \* \*

**MOTION BY BENNETT, SECOND BY LAWRENCE, TO RECEIVE AND FILE THE TREASURER'S REPORT AND INVESTMENT SUMMARY; ADMINISTRATIVE BUDGET AMENDMENTS 9915, 9917, 9919, AND 9920; THE MINUTES FROM THE WASTEWATER TREATMENT PLANT AUTHORITY MEETING HELD APRIL 23, 2018; MINUTES FROM THE PLANNING COMMISSION MEETING HELD JUNE 12, 2018; AND MINUTES FROM THE AIRPORT BOARD MEETING HELD MAY 16, 2018.**

**Yes — Bennett, Jackson, Lawrence, Tuttle, Weiler**

**No – None**

**Absent – Schaiberger, Showalter**

**Motion carried**

\* \* \* \* \*

A Back to the Bricks update was shared.

A Chamber of Commerce upcoming events flier was shared.

\* \* \* \* \*

Member Weiler gave an update on the last Wastewater Treatment Plant Authority meeting.

Mayor Lawrence gave an update on the recent Planning Commission meetings. Member Jackson noted he would like to see a maximum of one Council Member per board.

\* \* \* \* \*

Chief Walters updated Council that the DPW cleaned up the lot around the old laundromat off of Houghton Ave and have been working on the blight issues of the building as well.

\* \* \* \* \*

Sandy Rabidue updated Council on the watering of the flowers downtown and thanked the Fire Department for watering them.

\* \* \* \* \*

Mayor Lawrence adjourned the meeting at 6:33 pm.

---

Denise Lawrence, Mayor

---

John Dantzer, Clerk



SUMMARY OF THE REGULAR MEETING OF THE WEST BRANCH CITY  
COUNCIL HELD MONDAY, JULY 2, 2018.

Mayor Lawrence called the meeting to order at 6:03 p.m.

Present: Mayor Lawrence, Council Members Bennett, Jackson, Tuttle, and Weiler.

Absent: Council Members Schaiberger and Showalter

Other officers present: Clerk/Treasurer Dantzer, DPW Superintendent Killackey, Planning Chair David (arrived at 6:10), and Chief Walters.

All stood for the pledge of allegiance.

Council excused Members Showalter and Schaiberger from the meeting.

Council awarded bids for a pickup truck to Hodges not to exceed \$31,994.40, awarded a bid for a plow truck to D&K Truck not to exceed \$83,498 with accessories for the truck awarded to Truck and Trailer Specialties not to exceed \$83,462.42, awarded a bid for a mower with attachments to Willards not to exceed \$35,288, and awarded a bid for a plow and salt spreader to West Branch Napa not to exceed \$10,090.99

Council approved bills in the amount of \$51,661.48

Council approved Proclamation 18-04 naming July as Relay for Life month.

Council appointed Diane Busha to the Election Commission.

Council voted on selections for the MML Board.

Council approved the minutes and summary from the regular meeting held June 18, 2018.

Council received and filed the Treasurers Report and Investment Summary as well as administrative budget amendments; the minutes from the WWTPA meeting held April 23, 2018; the minutes from the Planning Commission meeting held June 12, 2018; and the minutes from the Airport Board meeting held May 16, 2018.

Communication were shared.

Member Weiler, Mayor Lawrence, and Chief Walters gave a report.

Sandy Rabidue addressed Council on the watering of the flowers downtown and thanked the fire department for their help.

Mayor Lawrence adjourned the meeting at 6:33 pm.

# **Consent Agenda**

11/12/2018 08:12 AM  
 User: MICHELLE  
 W. Westborough City

CASH SUMMARY BY BANK FOR WEST BRANCH  
 FROM 07/01/2018 TO 07/31/2018

Bank Code	Beginning Balance	Total	Total	En
Fund Description	07/01/2018	Debits	Credits	Bal 07/31/2018
GEN1 GEN1 - GENERAL CHECKING				
01				
50 CEMETERY PERPETUAL CARE	485,610.26	42,951.34	61,446.97	467,114.99
09 CEMETERY FUND	19,004.57	0.00	0.00	19,004.57
48 DDA OPERATING FUND	1,983.75	0.00	2,024.49	(40.74)
51 INDUSTRIAL PARK FUND	22,174.45	0.00	1,130.83	21,043.62
76 HOUSING RESOURCE FUND	3,114.84	0.00	355.69	2,759.15
18 SEWER DEBT FUND	188,420.72	75.00	0.00	188,495.72
19 WATER DEBT FUND	46,962.38	308.29	0.00	47,270.67
71 COLLECTION REPLACEMENT FUND	2,071.11	38.04	0.00	2,109.15
72 PLANT REPLACEMENT FUND (R&I)	30,811.33	0.00	0.00	30,811.33
90 SEWER FUND	8,172.60	2.20	0.00	8,174.80
91 WATER FUND	181,213.40	202.36	23,296.23	158,119.07
92 WATER REPLACEMENT FUND	116,808.24	275.72	6,912.19	110,171.01
93 SEWER COLLECTION	281,370.02	0.00	0.00	281,370.02
61 EQUIPMENT FUND	56,136.10	21.06	3,292.64	52,864.40
05 IRONS PARK ENTERTAINMENT FUND	135,857.10	5,213.93	1,612.91	139,458.07
07 YOUTH SAFETY PROGRAM	5,244.49	0.00	1,401.99	3,842.50
14 RECYCLING CENTER	744.48	0.00	0.00	744.48
	4,615.38	353.00	0.00	4,968.38
GEN1 - GENERAL CHECKING	1,590,315.22	49,440.94	101,473.94	1,538,282.22
4/LST MAJOR/ LOCAL STREETS				
02 MAJOR STREET FUND	496,801.98	16,661.31	5,560.15	507,903.12
03 LOCAL STREET FUND	361,932.21	9,770.43	1,273.30	370,429.38
MAJOR/ LOCAL STREETS	858,734.19	26,431.74	6,833.45	878,332.44
PAY PAYROLL				
04 PAYROLL CLEARING	6,522.51	36,183.31	33,891.75	8,814.00
PAYROLL	6,522.51	36,183.31	33,891.75	8,814.00
HEM SAVINGS				
01				
50 CEMETERY PERPETUAL CARE	435,266.57	0.00	0.00	435,266.57
51 INDUSTRIAL PARK FUND	1,672.44	0.00	0.00	1,672.44
71 COLLECTION REPLACEMENT FUND	20,848.41	0.00	0.00	20,848.41
91 WATER FUND	2,367.59	0.00	0.00	2,367.59
92 WATER REPLACEMENT FUND	26,112.09	0.00	0.00	26,112.09
93 SEWER COLLECTION	19,547.44	0.00	0.00	19,547.44
61 EQUIPMENT FUND	781.06	0.00	0.00	781.06
14 RECYCLING CENTER	103,275.16	0.00	0.00	103,275.16
	1,040.76	0.00	0.00	1,040.76
SAVINGS	610,911.52	0.00	0.00	610,911.52
TAX TAXES				
01 TAX AGENCY	1,453.92	0.00	0.00	1,453.92
TAXES	1,453.92	0.00	0.00	1,453.92
TOTAL - ALL FUNDS	3,067,937.36	112,055.99	142,199.14	3,037,794.21

07/12/2018 08:13 AM  
 User: MICHELLE  
 DB: Westbranch City

CASH SUMMARY BY ACCOUNT FOR WEST BRANCH  
 FROM 07/01/2018 TO 07/31/2018  
 FUND: ALL FUNDS  
 INVESTMENT ACCOUNTS

Fund Account	Description	Beginning Balance 07/01/2018	Total Debits	Total Credits	Ending Balance 07/31/2018
Fund 101					
004.300	CERTIFICATE OF DEPOSIT A	100,000.00	0.00	0.00	100,000.00
004.400	CERTIFICATE OF DEPOSIT B	150,000.00	0.00	0.00	150,000.00
		<hr/> 250,000.00	<hr/> 0.00	<hr/> 0.00	<hr/> 250,000.00
Fund 150	CEMETERY PERPETUAL CARE				
004.300	CERTIFICATE OF DEPOSIT C	114,255.00	0.00	0.00	114,255.00
004.400	CERTIFICATE OF DEPOSIT D	114,822.11	0.00	0.00	114,822.11
	CEMETERY PERPETUAL CARE	<hr/> 229,077.11	<hr/> 0.00	<hr/> 0.00	<hr/> 229,077.11
Fund 251	INDUSTRIAL PARK FUND				
004.300	CERTIFICATE OF DEPOSIT A	100,000.00	0.00	0.00	100,000.00
004.400	CERTIFICATE OF DEPOSIT B	100,000.00	0.00	0.00	100,000.00
	INDUSTRIAL PARK FUND	<hr/> 200,000.00	<hr/> 0.00	<hr/> 0.00	<hr/> 200,000.00
Fund 661	EQUIPMENT FUND				
004.300	CERTIFICATE OF DEPOSIT A	150,000.00	0.00	0.00	150,000.00
004.400	CERTIFICATE OF DEPOSIT B	100,000.00	0.00	0.00	100,000.00
	EQUIPMENT FUND	<hr/> 250,000.00	<hr/> 0.00	<hr/> 0.00	<hr/> 250,000.00
	TOTAL - ALL FUNDS	<hr/> 929,077.11	<hr/> 0.00	<hr/> 0.00	<hr/> 929,077.11

West Branch  
JOURNAL ENTRY  
JE: 9927

Post Date: 06/30/2018  
Entry Date: 07/05/2018  
Description: BUDGET POLICY AMENDMENT

Entered By: MICHELLE  
Journal: BA

GL #	Description	DR	CR
590-567.000-727.703	LAB SUPPLIES		
590-567.000-716.700	BC/BS HEALTH INSURANCE PREMIU		500.00
101-172.000-703.700	SALARIES AND WAGES	500.00	
101-172.000-704.700	WAGES - PART-TIME		651.00
101-201.000-703.700	SALARIES AND WAGES	651.00	
101-172.000-704.700	WAGES - PART-TIME		262.00
101-201.000-718.701	EMPLOYER DEFERED COMP.	262.00	
101-201.000-720.700	WORKERS COMPENSATION PREMIUM		45.00
101-253.000-703.700	SALARIES AND WAGES	45.00	
101-172.000-704.700	WAGES - PART-TIME		212.00
101-301.000-705.700	CHIEF OF POLICE	212.00	
101-301.000-703.701	SHIFT PREIMUM		299.00
101-301.000-718.700	MERS RETIREMENT (EMPLOYER)	299.00	
101-301.000-703.701	SHIFT PREIMUM		73.00
101-441.000-718.701	EMPLOYER DEFERED COMP.	73.00	
101-441.000-710.700	OVERTIME		71.00
101-528.000-801.700	CONTRACTUAL SERVICES	71.00	
101-528.000-703.700	SALARIES AND WAGES		6,041.00
101-528.000-941.700	EQUIPMENT RENTAL	4,400.00	
101-721.000-718.701	EMPLOYER DEFERED COMP.	1,641.00	
101-721.000-703.700	SALARIES AND WAGES		17.00
101-751.000-703.700	SALARIES AND WAGES	17.00	
101-751.000-714.700	MANDITORY MEDICARE		411.00
101-751.000-715.700	SOCIAL SECURITY (EMPLOYER)		3.00
101-751.000-720.700	WORKERS COMPENSATION PREMIUM		13.00
101-751.000-801.700	CONTRACTUAL SERVICES		20.00
202-463.000-703.700	SALARIES AND WAGES	447.00	
202-463.000-714.700	MANDITORY MEDICARE		192.00
202-463.000-720.700	WORKERS COMPENSATION PREMIUM		2.00
202-463.000-801.700	CONTRACTUAL SERVICES		14.00
202-470.000-720.700	WORKERS COMPENSATION PREMIUM	208.00	
202-470.000-703.700	SALARIES AND WAGES		1.00
203-463.000-720.700	WORKERS COMPENSATION PREMIUM	1.00	
203-463.000-703.700	SALARIES AND WAGES		25.00
248-000.000-703.700	SALARIES AND WAGES	25.00	
248-000.000-703.702	WAGES SHOWMOBILE		35.00
590-567.000-715.700	SOCIAL SECURITY (EMPLOYER)	35.00	
590-567.000-718.701	EMPLOYER DEFERED COMP.		298.00
590-567.000-720.700	WORKERS COMPENSATION PREMIUM		19.00
590-567.000-727.703	LAB SUPPLIES		134.00
590-567.000-865.700	PROFESSIONAL DEVELOPMENT		192.00
591-000.000-703.700	SALARIES AND WAGES	643.00	
591-000.000-715.700	SOCIAL SECURITY (EMPLOYER)		115.00
591-000.000-720.700	WORKERS COMPENSATION PREMIUM		89.00
591-000.000-941.700	EQUIPMENT RENTAL		30.00
661-000.000-714.700	MANDITORY MEDICARE	234.00	
661-000.000-703.700	SALARIES AND WAGES		3.00
		3.00	
Journal Total:		9,767.00	9,767.00

APPROVED BY: \_\_\_\_\_

West Branch  
JOURNAL ENTRY  
JE: 9931

Post Date: 06/30/2018  
Entry Date: 07/12/2018  
Description: SEWER COLLECTION AMENDEMENTS

Entered By: JOHN  
Journal: BA

GL #	Description	DR	
593-557.000-703.700	SALARIES AND WAGES		202.
593-557.000-710.700	OVERTIME		
593-557.000-715.700	SOCIAL SECURITY (EMPLOYER)	15.00	
593-557.000-718.700	MERS RETIREMENT (EMPLOYER)		13.
593-557.000-720.700	WORKERS COMPENSATION PREMIUM		3.
593-557.000-741.700	POSTAGE	10.00	
593-557.000-801.700	CONTRACTUAL SERVICES	75.00	
593-557.000-941.700	EQUIPMENT RENTAL	39.00	
		79.00	
	Journal Total:	218.00	218.0

APPROVED BY: \_\_\_\_\_

**DOWNTOWN DEVELOPMENT AUTHORITY  
REGULAR MEETING  
MAY 22, 2018  
121 N. 4TH ST., WEST BRANCH, MI 48661**

The Downtown Development Authority meeting was opened by Chairman Fabbri at 12:00 noon.

**ROLL CALL:**

Present - Samantha Fabbri, Autum Hunter, Joe Clark, Sandy Rabidue, Joanne Bennett, and Mayor Lawrence.

Absent - Tracy Williams

Others - Chief Walters, WBPD, Kelli Collins, GPSCR Coordinator, John Dantzer, Clerk.

**ADDITIONS TO AGENDA:**

Letter of resignation dated May 21, 2018 from Tracy Williams was presented.

**MOTION BY CLARK TO ACCEPT THE RESIGNATION LETTER FROM TRACY WILLIAMS. SECOND RABIDUE.**  
**YES-** Samantha Fabbri, Autum Hunter, Joe Clark, Sandy Rabidue, Joanne Bennett, Mayor Lawrence.  
**NO - None.**

**ABSENT-** Tracy Williams

**MOTION CARRIED.**

Members discussed the open seats on the DDA Board. Dantzer advised he has an application form for DDA Board Members. It was suggested to post this on the city web site. Currently the board has 5 filled seats plus the Mayor. There are openings for 3 members. Members agreed setting a deadline date of June 20, 2018 to submit applications for consideration on the board. This will enable DDA members to review the applications before the next meeting which is June 26, 2018.

**MINUTES:**

Minutes of the Special Meeting April 30, 2018 were reviewed.

**MOTION BY CLARK TO ACCEPT THE MINUTES AS PRESENTED. SECOND BY RABIDUE.**

**YES-** Samantha Fabbri, Autum Hunter, Joe Clark, Sandy Rabidue, Joanne Bennett, Mayor Lawrence.  
**NO - None.**

**ABSENT-** Tracy Williams

**MOTION CARRIED.**

**BILLS:**

No bills were presented for payment.

Fabbri questioned the process of how bills are paid and approved. Members discussed this past practice and agreed it needs to change. Members expressed concern of expenses incurred by the DDA which they were never aware of until after the invoice had been submitted and paid. All agreed clarification of the procedure for bills being authorized and approved is essential. One example Fabbri questioned was payment of a FOIA invoice for West Branch Township paid by the DDA for \$600. Fabbri states the DDA did not approve or authorize this invoice and did not approve it. Members stated it was deducted from their account and they gained knowledge through the monthly copy of DDA financial reports they receive. Dantzer stated the FOIA request was asking for specific information on the Wayfinding Signs.



**MOTION BY HUNTER TO REQUEST PRIOR APPROVAL OF "OUT OF ORDINARY" OPERATING EXPENSES FOR THE DDA BEFORE THEY ARE INCURRED. SECOND CLARK.**

**YES- Samantha Fabbri, Autum Hunter, Joe Clark, Sandy Rabidue, Joanne Bennett, Mayor Lawrence.**

**NO - None.**

**ABSENT- Tracy Williams**

**MOTION CARRIED.**

**BIDS:**

**None.**

**REPORTS AND/OR COMMENTS:**

**Chairman Report:**

Fabbri stated concerns regarding negative social media posts and the importance of boards and members working together for the better of the City and Community.

**Member Report:**

Rabidue stated we need additional signs for vacant downtown buildings. Discussion was made on type of signs...possibly a more generic sign which could leave contact information off and be added to the bottom and changed as needed.

**MOTION BY FABBRI TO RECOMMEND RABIDUE ABSTAIN FROM VOTING ON THIS ISSUE. SECOND BY BENNETT.**

**YES- Samantha Fabbri, Autum Hunter, Joe Clark, Sandy Rabidue, Joanne Bennett, Mayor Lawrence.**

**NO - None.**

**ABSENT- Tracy Williams**

**MOTION CARRIED.**

**MOTION BY BENNETT TO ORDER 4 GENERIC SIGNS WHICH WOULD HAVE DETACHABLE BOTTOMS FOR CONTACT INFORMATION. SECOND HUNTER.**

**YES- Samantha Fabbri, Autum Hunter, Joe Clark, Joanne Bennett, Mayor Lawrence.**

**NO - None.**

**ABSTAIN - Sandy Rabidue**

**ABSENT- Tracy Williams**

**MOTION CARRIED.**

Rabidue advised she will be attending the Planning Commission Meeting tonight to address the board on approval and consideration of a stand-alone ordinance allowing benches, flower pots, etc. to be placed in the Downtown District in front of businesses. Fabbri stated she has spoken to MDOT and our area representative informed he does not feel benches are an MDOT issue but a municipality matter. Chief Walters suggested out of courtesy for MDOT, if the City approves/adopts a stand-alone ordinance for this we may want to let MDOT know and made aware. Dantzer provided sample similar ordinances from other municipalities which currently allow this. Collins suggested getting Denise Cline's opinion tonight at the Planning Meeting as she will be attending and may also provide ordinances from other entities she has worked with regarding benches, flower pots, outdoor seating, etc.

Chief Walters presented and distributed updated Business Contact Forms Dispatch would like completed by businesses as soon as possible. Dispatch recently upgraded to an enhanced system and are required to update these contact forms.

Mayor Lawrence brought to the attention of the board that members are in violation of the Open Meetings Act by attending Public Meetings without proper notice if a quorum is present. She stated attending City Council meetings as an example. Fabbri thanked her for bringing that to the board's attention and reminded her she has encouraged attendance of board members at other meetings in the past. Members agreed they have been more actively attending other meetings as asked and discussed a possible standing notice or other suggestion for correcting this issue. Fabbri stated we need to resolve this as we do not want to discourage any DDA board member from attending Council Meetings or any other meetings. Dantzer stated he will contact the speaker from the Parliamentary Procedure Training recently and see what suggestion she has.

**NEW BUSINESS:**

None.

**UNFINISHED BUSINESS:**

Fabbri announced Zapzynski has been removed from the DDA board due to lack of attendance.

Fabbri advised the Rodeo invoice scheduled for Downtown has been submitted for payment under the Retail Merchants Contract.

Clark made known Finished Concrete will be contacting them soon to schedule the reconstruction of steps in the Parking Lots.

Fabbri suggested members address the By-Law Drafts. Concerns were brought up of any future attorney invoices for reviewing/drafting DDA By-laws. Fabbri presented a letter drafted to the City Attorney asking she cease any work in regards to DDA By-laws. DDA members agreed they are confident they are capable of drafting By-laws. Fabbri has obtained a copy of the new Act which applies to DDA's. All agreed the DDA does not have a budget for attorney fees. Fabbri presented a copy of the letter to the City Attorney to Chief Walters and Dantzer.

**MOTION BY FABBRI TO GIVE A LETTER TO CITY ATTORNEY DANTZER, CHIEF WALTERS, AND CLERK DANTZER, TO DISCONTINUE ANY WORK ON DDA BY-LAWS UNTIL FURTHER NOTICE. SECOND HUNTER. YES- Samantha Fabbri, Autum Hunter, Joe Clark, Sandy Rabidue, Joanne Bennett, Mayor Lawrence. NO - None.**

**ABSENT- Tracy Williams**

**MOTION CARRIED.**

Snow Policy Draft was presented in the DDA packet. Rabidue inquired how to determine when the original snow removal policy began in the DDA District. Members discussed the policy and how it has changed and evolved over the years into something it was not originally intended to be. Due to these changes, the DDA budget has suffered financially, and cannot sustain the current way it is being done. Clark explained his recollection of how the parking lots became a part of the DDA and how it has gotten out of hand and become unaffordable for the DDA. Members agreed to work on the By-laws and then review and work on the Snow Removal Policy.

**ADJOURNMENT:**

Chairman Fabbri adjourned the meeting at 1:38 pm.

City of West Branch Planning Commission Meeting of  
June 26, 2018

Meeting called to order at 6:03 pm.

Roll Call - Present: Mike Jackson, Bob David, Jan Hasty, Lisa Jensen. (Evelyn Schenk arrived at 6:33 pm).

Absent, Kara Fachting, Dan Weiler.

Pledge

Public hearings – None

Additions to the agenda – Sandy Rabidue spoke regarding a proposed ordinance for sidewalk benches, flower pots etc.

Public comment – none

Unfinished business - Continuation of reviewing Article 3 General Provisions with Denise Cline

Other new business – none

Approval of minutes for the regular meeting held Tuesday, June 12, 2018

\*Motion by Mike Jackson, Second by Jan Hasty to approve minutes. All in favor, none opposed.

Motion carried

Communications – none

Reports – Denise Lawrence reminded the members that July 9<sup>th</sup> 2018 there is a Rising Tide meeting to be held at Gs Pizza, and July 10<sup>th</sup> 2018 to be held at Michigan Works at 2:00pm

Public comment – none

Adjournment - 8:17 pm

Next meeting to be held on July 10<sup>th</sup>, 2018 at West Branch City Hall.

Minutes taken and typed by Lisa Jensen, Planning commission secretary

**REGULAR MEETING OF THE OGEMAW COUNTY EMS AUTHORITY BOARD WAS HELD AT THE  
OGEMAW COUNTY EMS AUTHORITY BUILDING ON May 17, 2018 at 4:30 P.M.**

Present: Denise Lawrence, City of West Branch, Danny Morrison, Cummings Township, Bruce  
Reetz, Ogemaw County, Dave Reasner, City of Rose City, Lisa Cotton, Mills Township (5:00 pm)

Others Present: Trista Spencer-Director, Gail Seder-Administrative Assistant, Jeramie Brookins-  
Employee, Amy Beach-911 Director

\*\*\*\*\*

**Chairman Reetz called the meeting to order at 4:30 p.m. with the pledge of allegiance.**

\*\*\*\*\*

Roll Call: Bruce – Yes, Danny-Yes, Dave – Yes, Denise – Yes

\*\*\*\*\*

**Motion by Denise, supported by Dave, all in favor to approve the April 19, 2018 minutes.**

\*\*\*\*\*

**CORRESPONDENCE:**

No Correspondence to review.

\*\*\*\*\*

**CLAIMS & ACCOUNTS:**

**Motion by Dan to approve the Claims and Accounts in the amount of \$50,799.84. Supported  
by Denise, all in favor, motion carried. Roll Call: Danny-Yes, Dave – Yes, Lisa-Absent, Denise  
– Yes, Bruce – Yes.**

\*\*\*\*\*

**OLD BUSINESS:**

Tom Benjamin explained details of the site plan for the new Rose City Station, that was  
previously given to Trista. He will get specs asap so we can have a special meeting to approve  
bids and get the project started.

\*\*\*\*\*

**NEW BUSINESS:**

Trista stated that EMS was approved for the grant of \$180,000 for new power load cots. She will bid out the cots, but will probably use Striker, as that is who we have always dealt with and they currently service our current cots.

Amy Beach, 911 Director, supplied the Board Members with the proposed 911 ballot wording. This Board will make a motion at the next meeting to approve the one-time payment to 911 for their services, contingent upon the Ogemaw County Board approval to place 911 Authority on the ballot.

\*\*\*\*\*

**PUBLIC COMMENT:**

None.

**Motion made by Denise to adjourn at 5:20 p.m. Supported by Dan. All in favor, Motion carried.**

Meeting Adjourned at 5:20 p.m.

**The next meeting will be Thursday, June 21, 2018 at 4:30 p.m.**

Mw/gs/board mtg/05-17-18 minutes

MEETING OF THE WEST BRANCH CITY ELECTION BOARD HELD IN THE CLERKS OFFICE OF CITY HALL, 121 NORTH FOURTH STREET, WEDNESDAY, JULY 11, 2018.

City Clerk John Dantzer called the meeting to order at 11:30 a.m.

Present: John Dantzer, Dianne Gavitt, and Diane Busha

Absent: None

Motion by Gavitt, second by Busha, to approve the following election inspectors for the August 7, 2018 Primary Election.

Amy Merrick, Joe Delmotte, Elaine Urban, Nancy Ranger, Barbara Robinson, Gail Howie, John Dantzer, Sue Jennings, and Michelle Frechette

Yes – Busha, Dantzer, Gavitt

No - None

Absent – None

Motion carried

The Election Commission observed the public accuracy test and signed off on a complete and accurate testing.

Meeting was adjourned at 1:15 p.m.





# West Branch Police Department

Chief Kenneth W. Walters

130 Page St.

West Branch, Michigan 48661

Phone: 989-345-2627 Fax: 989-345-0083

E-mail: [police@westbranch.com](mailto:police@westbranch.com)

7/11/2018

Honorable Mayor and Council,

This is the month end report for June. Officers handled 135 complaints and made 14 arrests. Four of these arrests were for "hard narcotics." Officers further made one arrest for auto theft.

During the month of June, the department further investigated the unfortunate death of a 4 month old child. The incident was determined to be negligent, but not criminal.

As of this date, we are still awaiting the arrival of the new patrol vehicle, but all other items have arrived.

Sincerely,

A handwritten signature in dark ink, appearing to be 'K. Walters', written over a horizontal line.

Chief Kenneth W. Walters

West Branch Police Department

## Offense Count Report

## Report Criteria:

Start Offense	End Offense		
01000	99009		
<b>JUNE 2018</b>	<b>TOTAL 2018</b>	<b>TOTAL 2017</b>	<b>TOTAL 2016</b>
06/01/2018-06/30/2018	01/01/2018-06/30/2018	01/01/2017-12/31/2017	01/01/2016-12/31/2016

Offense	Description	JUNE 2018	TOTAL 2018	TOTAL 2017	TOTAL 2016
11001	SEXUAL PENETR'N PENIS/VAGINA CSC1	0	1	1	2
11003	SEXUAL PENETRATION ORAL/ANAL CSC1	0	0	0	1
11004	SEXUAL PENETRATION ORAL/ANAL CSC3	0	0	2	0
11007	SEXUAL CONTACT FORCIBLE CSC2	0	1	1	0
11008	SEXUAL CONTACT FORCIBLE CSC4	0	3	4	2
12000	ROBBERY	0	0	1	0
13001	NONAGGRAVATED ASSAULT	4	11	18	13
13002	AGGRAVATED/FELONIOUS ASSAULT	0	1	2	3
13003	INTIMIDATION/STALKING	0	1	2	5
22001	BURGLARY - FORCED ENTRY	1	3	3	6
22002	BURGLARY - ENTRY W/OUT FORCE(INTENT	0	1	0	0
22003	BURGLARY - UNLAWFUL ENTRY(NO INTENT	0	0	2	3
23003	LARCENY - THEFT FROM BUILDING	1	2	3	10
23005	LARCENY - THEFT FROM MOTOR VEHICLE	2	2	1	0
23007	LARCENY - OTHER	1	6	9	3
24001	MOTOR VEHICLE THEFT	0	1	0	3
25000	FORGERY/COUNTERFEITING	0	0	1	0
26001	FRAUD - FALSE PRETENSE/SWINDLE/CONF	0	0	1	5
26002	FRAUD - CREDIT CARD/ATM	0	0	0	2
26003	FRAUD - IMPERSONATION	0	0	0	1
26006	FRAUD - BAD CHECKS	0	1	1	2
27000	EMBEZZLEMENT	1	1	1	0
29000	DAMAGE TO PROPERTY	2	6	8	11
30002	RETAIL FRAUD - THEFT	2	6	12	12
35001	VIOLATION OF CONTROLLED SUBSTANCE	0	1	7	22
35002	NARCOTIC EQUIPMENT VIOLATIONS	0	0	0	1
36004	SEX OFFENSE - OTHER	0	3	0	3
37000	OBSCENITY	0	0	1	0
38001	FAMILY - ABUSE/NEGLECT NONVIOLENT	0	0	1	4
41002	LIQUOR VIOLATIONS - OTHER	0	0	1	0
42000	DRUNKENNESS	0	1	2	5
48000	OBSTRUCTING POLICE	0	1	0	1
50000	OBSTRUCTING JUSTICE	10	43	69	67
52001	WEAPONS OFFENSE - CONCEALED	0	0	0	1
52003	WEAPONS OFFENSE - OTHER	0	0	0	2
53001	DISORDERLY CONDUCT	0	0	3	8
53002	PUBLIC PEACE - OTHER	0	0	1	0
54001	HIT & RUN MOTOR VEHICLE ACCIDENT	0	3	10	13
54002	OUIL OR OUID	0	3	7	14
54003	DRIVING LAW VIOLATIONS	3	13	51	73
55000	HEALTH AND SAFETY	6	19	40	10
57001	TRESPASS	0	6	3	8
70000	JUVENILE RUNAWAY	0	1	2	9
70004	Juvenile Issues	0	1	1	1
73000	MISCELLANEOUS CRIMINAL OFFENSE	0	2	8	7
90001	Vehicle Lockouts	9	67	133	157

## Offense Count Report

## Report Criteria:

Start Offense	End Offense		
01000	99009		
<b>JUNE 2018</b>	<b>TOTAL 2018</b>	<b>TOTAL 2017</b>	<b>TOTAL 2016</b>
06/01/2018-06/30/2018	01/01/2018-06/30/2018	01/01/2017-12/31/2017	01/01/2016-12/31/2016

Offense	Description	JUNE 2018	TOTAL 2018	TOTAL 2017	TOTAL 2016
90002	Motorist Assists				
90003	Assist E.M.S.	4	13	21	32
90005	City Ordinance Violations	11	73	167	160
90006	Prisoner Transports	2	18	16	40
90007	Parking Complaints	0	0	1	0
90008	ANIMAL COMPLAINTS	0	0	7	3
90009	Maplewood Manor Alarm / Criminal History Checks	1	8	17	12
91001	Delinquent Minors	0	1	0	2
91002	Runaway	2	6	15	4
91004	Abandoned Vehicle	0	0	2	0
92003	Walk Away (Ment. & Host.)	0	0	5	5
92004	Insanity	0	1	2	4
93001	PROPERTY DAMAGE ACCIDENT/PI	0	5	15	14
93002	Accident, Non-Traffic	3	23	43	44
93003	Civil Traffic Violations	3	11	14	20
93004	Parking Violations	0	0	0	1
93006	Traffic Policing	1	1	0	4
93007	Traffic Safety Public Relations	2	3	6	2
93008	Inspections/Investigations -Breathalyzer	0	3	0	1
94001	Valid Alarm Activations	1	2	2	1
94002	False Alarm Activations	1	1	2	1
95001	Accident, Fire	1	32	74	63
95003	Inspection, Fire	2	2	3	4
95004	Hazardous Condition	0	0	0	1
97001	Accident, Traffic	4	4	0	0
97003	Accident, Other Shooting	0	0	1	0
98000	Other Types Not Listed	0	0	1	0
98002	Inspections/Investigations -Motor Vehicles	0	0	0	3
98003	Inspections/Investigations -Property	0	0	0	1
98004	Inspections/Investigations -Other	3	4	9	8
98006	Civil Matters/Family Disputes	0	0	1	3
98007	Suspicious Situations/Subjects	7	22	58	29
98008	Lost/Found Property	16	80	182	215
98009	Inspections/Investigations -Drug Overdose	1	4	17	14
99001	Suicide	0	1	0	3
99002	Natural Death	0	0	1	1
99003	Missing Persons	0	1	4	4
99007	PR Activities	0	0	2	3
99008	General Assistance	1	5	14	5
99009	General Non-Criminal	24	139	234	321
		3	7	28	24
	<b>Totals:</b>	<b>135</b>	<b>681</b>	<b>1377</b>	<b>1542</b>

# **Communications**

**STATE OF MICHIGAN  
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION**

**NOTICE OF HEARING FOR  
THE ELECTRIC AND GAS  
CUSTOMERS OF  
CONSUMERS ENERGY COMPANY  
CASE NO. U-20028**

- Consumers Energy Company requests Michigan Public Service Commission for authority to reconcile its 2017 Energy Waste Reduction plan costs associated with the plan approved in case no. U-17771.
- The information below describes how a person may participate in this case.
- You may call or write, Consumers Energy Company, One Energy Plaza, Jackson, MI 49201-2276 for a free copy of its application. Any person may review the application at the offices of Consumers Energy Company.
- The prehearing conference in this matter will be held:

**DATE/TIME:** **Tuesday, July 17, 2018, at 9:00 A.M.**

**BEFORE:** Administrative Law Judge Sharon L. Feldman

**LOCATION:** Michigan Public Service Commission  
7109 West Saginaw Highway  
Lansing, Michigan 48917

**PARTICIPATION:** Any interested person may attend and participate. The hearing site is accessible, including handicapped parking. Persons needing any accommodation to participate should contact the Commission's Executive Secretary at (517) 284-8090 in advance to request mobility, visual, hearing or other assistance.

The Michigan Public Service Commission (Commission) will hold a hearing to consider Consumers Energy Company's (Consumers Energy) May 31, 2018 application requesting approval to: 1) reconcile its 2017 Energy Waste Reduction (EWR) plan costs for the period ended December 31, 2017; 2) collect a financial performance incentive payment for both the gas and electric EWR Plan; 3) adjust EWR surcharges based on an updated allocation of costs for primary and secondary customers within the business customer class; 4) revise EWR tariffs, including the removal of the EWR surcharge as an itemized charge on customer bills; 5) convert 230,291 EWR Credits into Renewable Energy Credits in 2017 for use in meeting Consumer Energy's renewable energy requirements under Act 295; and 6) other relief.



All documents filed in this case shall be submitted electronically through the Commission's E-Dockets website at: [michigan.gov/mpscedockets](http://michigan.gov/mpscedockets). Requirements and instructions for filing can be found in the User Manual on the E-Dockets help page. Documents may also be submitted, in Word or PDF format, as an attachment to an email sent to: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov). If you require assistance prior to e-filing, contact Commission staff at (517) 284-8090 or by email at: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov).

Any person wishing to intervene and become a party to the case shall electronically file a petition to intervene with this Commission by **July 10, 2018**. (Petitions to intervene may also be filed using the traditional paper format.) The proof of service shall indicate service upon Consumers Energy Company's Legal Department – Regulatory Group, One Energy Plaza, Jackson, MI 49201.

Any person wishing to appear at the hearing to make a statement of position without becoming a party to the case may participate by filing an appearance. To file an appearance, the individual must attend the hearing and advise the presiding administrative law judge of his or her wish to make a statement of position. All information submitted to the Commission in this matter becomes public information, thus available on the Michigan Public Service Commission's website, and subject to disclosure. Please do not include information you wish to remain private.

Requests for adjournment must be made pursuant to the Commission's Rules of Practice and Procedure R 792.10422 and R 792.10432. Requests for further information on adjournment should be directed to (517) 284-8130.

A copy of Consumers Energy Company's request may be reviewed on the Commission's website at: [michigan.gov/mpscedockets](http://michigan.gov/mpscedockets), and at the office of Consumers Energy Company. For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

Jurisdiction is pursuant to 1909 PA 106, as amended, MCL 460.551 et seq.; 1909 PA 300, as amended, MCL 462.2 et seq.; 1919 PA 419, as amended, MCL 460.54 et seq.; 1939 PA 3, as amended, MCL 460.1 et seq.; 1969 PA 306, as amended, MCL 24.201 et seq.; 2008 PA 295, as amended, MCL 460.1001 et seq., and Parts 1 & 4 of the Michigan Administrative Hearing System's Administrative Hearing Rules, Mich. Admin Code, R 792.10101 through R 792.10137, and R 792.10401 through R 792.10448.

**[THE MICHIGAN PUBLIC SERVICE COMMISSION MAY  
APPROVE, REJECT, OR AMEND PROPOSALS MADE BY  
CONSUMERS ENERGY.]**

**STATE OF MICHIGAN  
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION**

**NOTICE OF HEARING  
FOR THE ELECTRIC  
CUSTOMERS OF  
CONSUMERS ENERGY COMPANY  
CASE NO. U-20165**

- Consumers Energy Company requests Michigan Public Service Commission's approval of its Integrated Resource Plan under MCL 460.6t.
- The information below describes how a person may participate in this case.
- You may call or write, Consumers Energy Company, One Energy Plaza, Jackson, MI 49201-2276 for a free copy of its application. Any person may review the application at the offices of Consumers Energy Company.
- The prehearing conference in this matter will be held:

**DATE/TIME:** **Monday, July 16, 2018, at 9:00 A.M.**

**BEFORE:** Administrative Law Judge Sharon L. Feldman

**LOCATION:** Michigan Public Service Commission  
7109 West Saginaw Highway  
Lansing, Michigan 48917

**PARTICIPATION:** Any interested person may attend and participate. The hearing site is accessible, including handicapped parking. Persons needing any accommodation to participate should contact the Commission's Executive Secretary at (517) 284-8090 in advance to request mobility, visual, hearing or other assistance.

The Michigan Public Service Commission (Commission) will hold a hearing to consider Consumers Energy Company's (Consumers Energy) June 15, 2018 application for approval of its Integrated Resource Plan (IRP) under MCL 460.6t. Consumers Energy requests that the Michigan Public Service Commission approve: 1) the Proposed Course of Action as the most reasonable and prudent means of meeting the Company's energy and capacity needs; 2) the cost recovery for its proposed Energy Waste Reduction, Demand Response, and Conservation Voltage Reduction costs which will be commenced by Consumers Energy within three years following the Commission's approval of its IRP; 3) a proposal to recover the unrecovered book balance of Karn Units 1 and 2, including decommissioning costs, and proposed regulatory accounting treatment through 2031; 4) the proposed competitive-bid methodology for determining avoided costs rates and for determining and addressing its capacity position pursuant to the Public Utility Regulatory Policies Act of 1978; 5) the utilization of a three-year period for the purpose of determining Consumers Energy's capacity position and related obligations pursuant to the Public Utility Regulatory Policies Act of 1978 and find that it has no capacity need for the next three years; 6) the Financial Compensation Mechanism for any new Power Purchase Agreements entered by Consumers Energy; and 7) other relief.



All documents filed in this case shall be submitted electronically through the Commission's E-Dockets website at: [michigan.gov/mpscedockets](http://michigan.gov/mpscedockets). Requirements and instructions for filing can be found in the User Manual on the E-Dockets help page. Documents may also be submitted, in Word or PDF format, as an attachment to an email sent to: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov). If you require assistance prior to e-filing, contact Commission staff at (517) 284-8090 or by email at: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov).

Any person wishing to intervene and become a party to the case shall electronically file a petition to intervene with this Commission by **July 9, 2018**. (Petitions to intervene may also be filed using the traditional paper format.) The proof of service shall indicate service upon Consumers Energy Company's Legal Department – Regulatory Group, One Energy Plaza, Jackson, MI 49201.

Any person wishing to appear at the hearing to make a statement of position without becoming a party to the case may participate by filing an appearance. To file an appearance, the individual must attend the hearing and advise the presiding administrative law judge of his or her wish to make a statement of position. All information submitted to the Commission in this matter becomes public information, thus available on the Michigan Public Service Commission's website, and subject to disclosure. Please do not include information you wish to remain private.

Requests for adjournment must be made pursuant to the Commission's Rules of Practice and Procedure R 792.10422 and R 792.10432. Requests for further information on adjournment should be directed to (517) 284-8130.

A copy of Consumers Energy Company's request may be reviewed on the Commission's website at: [michigan.gov/mpscedockets](http://michigan.gov/mpscedockets), and at the office of Consumers Energy Company. For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

Jurisdiction is pursuant to 1909 PA 106, as amended, MCL 460.551 et seq.; 1919 PA 419, as amended, MCL 460.54 et seq.; 1939 PA 3, as amended, MCL 460.1 et seq.; 1969 PA 306, as amended, MCL 24.201 et seq.; and Parts 1 & 4 of the Michigan Administrative Hearing System's Administrative Hearing Rules, Mich. Admin Code, R 792.10101 through R 792.10137, and R 792.10401 through R 792.10448.

**[THE MICHIGAN PUBLIC SERVICE COMMISSION MAY  
APPROVE, REJECT, OR AMEND PROPOSALS MADE BY  
CONSUMERS ENERGY.]**

**STATE OF MICHIGAN  
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION**

**NOTICE OF HEARING  
FOR THE ELECTRIC  
CUSTOMERS OF  
CONSUMERS ENERGY COMPANY  
CASE NO. U-20164**

- Consumers Energy Company requests Michigan Public Service Commission approval for reconciliation of its 2017 demand response program costs.
- The information below describes how a person may participate in this case.
- You may call or write, Consumers Energy Company, One Energy Plaza, Jackson, MI 49201-2276 for a free copy of its application. Any person may review the application at the offices of Consumers Energy Company.
- The prehearing conference in this matter will be held:

**DATE/TIME:** Tuesday, July 24, 2018, at 9:00 A.M.

**BEFORE:** Administrative Law Judge Sally L. Wallace

**LOCATION:** Michigan Public Service Commission  
7109 West Saginaw Highway  
Lansing, Michigan 48917

**PARTICIPATION:** Any interested person may attend and participate. The hearing site is accessible, including handicapped parking. Persons needing any accommodation to participate should contact the Commission's Executive Secretary at (517) 284-8090 in advance to request mobility, visual, hearing or other assistance.

The Michigan Public Service Commission (Commission) will hold a hearing to consider Consumers Energy Company's (Consumers Energy) May 31, 2018 application for reconciliation of its 2017 demand response program costs. Consumers Energy requests the Commission approve: 1) the recovery of all incremental capital expenditures incurred by Consumers Energy in 2017 beyond the amounts previously approved by the Commission in Case Nos. U-17990 and U-18322; 2) the deferred regulatory accounting treatment of the actual revenue requirement for Demand Response (DR) program capital expenditures and Operations and Maintenance (O&M) expenses incurred in 2017 compared to authorized revenue requirement resulting in the creation of a regulatory liability of \$489,633 which will be reflected in a future electric general rate case; 3) the deferred regulatory accounting treatment of Consumers Energy's requested financial compensation mechanism for DR and financial incentive of \$1,461,181, creating a regulatory asset which will be reflected in a future electric general rate case; and 4) other relief.

All documents filed in this case shall be submitted electronically through the Commission's E-Dockets website at: [michigan.gov/mpscedockets](http://michigan.gov/mpscedockets). Requirements and instructions for filing can be found in the User Manual on the E-Dockets help page. Documents may also be submitted, in Word or PDF format, as an attachment to an email sent to: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov). If you require assistance prior to e-filing, contact Commission staff at (517) 284-8090 or by email at: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov).

Any person wishing to intervene and become a party to the case shall electronically file a petition to intervene with this Commission by **July 17, 2018**. (Petitions to intervene may also be filed using the traditional paper format.) The proof of service shall indicate service upon Consumers Energy Company's Legal Department – Regulatory Group, One Energy Plaza, Jackson, MI 49201.

Any person wishing to appear at the hearing to make a statement of position without becoming a party to the case may participate by filing an appearance. To file an appearance, the individual must attend the hearing and advise the presiding administrative law judge of his or her wish to make a statement of position. All information submitted to the Commission in this matter becomes public information, thus available on the Michigan Public Service Commission's website, and subject to disclosure. Please do not include information you wish to remain private.

Requests for adjournment must be made pursuant to the Commission's Rules of Practice and Procedure R 792.10422 and R 792.10432. Requests for further information on adjournment should be directed to (517) 284-8130.

A copy of Consumers Energy Company's request may be reviewed on the Commission's website at: [michigan.gov/mpscedockets](http://michigan.gov/mpscedockets), and at the office of Consumers Energy Company. For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

Jurisdiction is pursuant to 1909 PA 106, as amended, MCL 460.551 et seq.; 1919 PA 419, as amended, MCL 460.54 et seq.; 1939 PA 3, as amended, MCL 460.1 et seq.; 1969 PA 306, as amended, MCL 24.201 et seq.; and Parts 1 & 4 of the Michigan Administrative Hearing System's Administrative Hearing Rules, Mich. Admin Code, R 792.10101 through R 792.10137, and R 792.10401 through R 792.10448.

**[THE MICHIGAN PUBLIC SERVICE COMMISSION MAY  
APPROVE, REJECT, OR AMEND PROPOSALS MADE BY  
CONSUMERS ENERGY.]**

DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
BUREAU OF CONSTRUCTION CODES  
NOTICE OF PUBLIC HEARING

Part 8. Electrical Rules (ORR#2017-001LR)

The Department of Licensing and Regulatory Affairs, Bureau of Construction Codes, will hold a public hearing on the revision of the Part 8. Electrical Rules. The public hearing will be held on August 10, 2018, at 9:00 a.m. in the Ottawa Building, Conference Room UL 3, 611 W. Ottawa Street, Lansing, MI 48933. The Part 8. Electrical rules are proposed to take immediate effect after filing with the Secretary of State.

The proposed revisions to the Part 8 Electrical Code rules will adopt the 2017 edition of the National Electrical Code, a national industry standard, and provide Michigan-specific amendments. The hearing is being conducted by the Department under the authority of Section 4 of 1972 PA 230, MCL 125.1504, and Executive Reorganization Order Nos. 1996-2, 2003-1, 2008-4, 2011-4, and 2017-1, MCL 445.2001, 445.2011, 445.2025, 445.2030, and 339.3102.

The proposed rules will be published in the August 1, 2018, *Michigan Register*. You may download a free copy of the proposed amendments by visiting the Bureau's website at [www.michigan.gov/bcc](http://www.michigan.gov/bcc). The amendments are located under "What's Happening" on the front page of the website.

Oral or written comments may be presented in person at the hearing on August 10, 2018, or submitted in writing by mail, email, or facsimile no later than 5:00 p.m., August 10, 2018, to the address stated below. If your presentation at the public hearing is in written form, please provide a copy to the Rules Specialist, at the conclusion of your testimony at the hearing.

Department of Licensing and Regulatory Affairs  
Bureau of Construction Codes  
Administrative Services Division  
P.O. Box 30254  
Lansing, MI 48909  
Telephone (517) 241-6312  
Facsimile (517) 241-9570  
[matsumotos@michigan.gov](mailto:matsumotos@michigan.gov)

The meeting site and parking are accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call Shannon Matsumoto at (517) 241-6312 (voice) at least 14 days prior to the hearing. LARA is an equal opportunity employer/program.





P.O. Box 948 • Escanaba, MI 49829-0948 • (906)786-9402 • fax (906) 786-47

TDD (800) 649-37

June 29, 2018

Dear Michigan Municipal Leaders:

Two months ago, I requested that you join the City of Escanaba's fight to permanently change the State of Michigan's acceptance of the "Dark Store Theory."

The Court of Appeals' decision *Menard Inc. v City of Escanaba*, 315 Mich App 512 (2016), questioned the Tax Tribunal's adoption of the "dark store theory," which reduces the assessed values of "big box" stores in Michigan far below any assessed values elsewhere in the in the United States or Canada. Indeed, the City of Escanaba's current assessment is within the range of *settlements* that Menard is reaching in other states.

Although the Court of Appeals reversed the Tribunal's *Menard* decision, the Court asked the Tribunal to provide a thorough analysis of the market dynamics underlying the "dark store theory," which the parties may establish using studies, valuation reports, and a nearly unlimited assembly of data and testimony. Recognizing the importance of this case, the Tribunal designated *three* Tribunal members (judges) to hear the evidence and determine, once and for all, the treatment of big box appeals in Michigan. The hearing is an opportunity that will likely never reoccur for any local unit litigating against a big box or similar property.

National retailers have been waiting and preparing for the *Menard* remand hearing due to its long-term implications. We are aware of one retailer study that analyzed over 200 sales of big box stores nationwide to demonstrate that deed-restrictions do not affect the sale price. Responding to that study (and likely others like it) will require access to expensive databases and significant expert research and analysis. Escanaba is aware that it cannot simply "show up" for this critical hearing. It must provide what the Tribunal and the Court of Appeals are looking for: a comprehensive study of the Dark Store Theory. Because of this, the issues on remand far exceed the scope and detail of a typical valuation disclosure in a Tribunal case. The City appreciates that it is fighting on behalf of all other taxing units in the state.

The Michigan Department of Treasury recognizes the magnitude of the work involved and has agreed to share some of the City's expenses for expert work; however, the State's assistance is less than half of the anticipated expert witness expenses. Townships, cities, and two counties have also contributed to the City's expenses, and the City is encouraged by their support. But the potential costs are daunting and may eclipse funding sources. The City estimates that it will need to raise \$200,000 from sources outside the City to ensure that the City and its local cost-sharing units can cover litigation through the conclusion of the hearing. To date, the City has received \$30,000 in assistance from other local units. The City will need additional funds quickly because extensive evidence must be compiled and submitted to the Tribunal in early August.



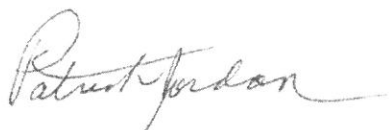
**Mission Statement:**  
Enhancing the enjoyment and livability of our community by providing quality municipal services to our citizens.  
*The City of Escanaba is an equal opportunity employer and provider.*

Rest assured, local units are authorized to support litigation of statewide significance, even if the local unit is not a party. See MCL 211.43; *Hess v. Cannon and Grattan Townships*, 265 Mich. App. 582, 696 N.W.2d 742 (2005). Alternatively, local units can make a donation to the legal defense funds of the MTA or the MML, or directly to MAC. These groups have agreed to collect and remit the contributions to aid in fighting the *Menard* case. The City has agreed not to spend those contributions until it has received enough funding to wage the fight. If the funds collected exceed the City's costs, the City will refund the excess pro-rata to those local units that joined this fight.

As the *Menard* case proceeds, the City may be approached with settlement offers from the taxpayer. The City is mindful that if it were to settle, all local units in this state would lose a unique opportunity to end the dark store war once and for all. Other local units would then be forced to litigate the meaning of the *Menard* decision without the benefit of precedent in the *Tribunal* that the forthcoming remand hearing could have established. **Because of the impact of a settlement on other local units, the City will refund all contributions if it settles the case.**

This fight is a fight for all local units and not Escanaba's fight alone, as no single local unit can afford the challenge alone. The MTA, MML and MAC are pleased to support the local units' position in this matter and have been actively engaged in seeking support, answering questions, working with the State, and assisting with the unique legal issues that this important case presents. Feel free to contact us or those organizations if you have questions.

Sincerely,



Patrick S. Jordan  
City Manager, City of Escanaba  
(906) 786-9402

# **Reports**

**Mayor**

**Council**

**City Manager**



**Public  
Comment  
-Any  
Topic**

# Adjournment