

**RESOLUTION #18-0305-04**

**Approving Expenditure for repair and replacement of outdoor lighting at Station 321**

**WHEREAS**, the outdoor lighting in the visitor parking area of Station 321 does not work properly, poses a safety hazard to visitors and is need of repair and replacement, and

**WHEREAS**, the labor necessary to complete these repairs will be done cooperatively between the Road and Fire Departments – with the Road Department trenching where necessary and the Fire Department staff completing the installation and electrical work.

**NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF TRUSTEES OF LIBERTY TOWNSHIP, DELAWARE COUNTY, OHIO** to approve expenditures not to exceed \$4,000.00 for the repair of the visitors parking lot lighting with the costs being split between the General Fund (for pole lights and electric work) and the Fire Fund (for pole lights, wall packs and electric eye). **Further, the Board of Trustees** acknowledges and commends the cooperative efforts of Township staff to complete the work for this much needed repair in-house which is a cost savings to the residents of the Township.

Motion made by Leneghan and seconded by Eichhorn

**Vote:** yes Mrs. Eichhorn yes Mr. Gemperline yes Mrs. Leneghan

This Resolution shall be in force and become effective immediately upon its execution.

March 5, 2018

Date

Melanie Leneghan  
Melanie Leneghan, Trustee

Mike Gemperline  
Mike Gemperline, Trustee

CERTIFIED BY:

Nancy Denute  
Nancy Denute, Fiscal Officer

Shyra Eichhorn  
Shyra Eichhorn, Trustee

## Cathy Buehrer

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**From:** Matt Huffman  
**Sent:** Friday, February 23, 2018 7:58 AM  
**To:** Cathy Buehrer  
**Cc:** Tom O'Brien  
**Subject:** FW: Exterior Lighting Replacement

Cathy,

Can we get this on the next BOT meeting?

Thanks,  
Matt Huffman, AICP  
Township Administrator  
Liberty Township, Delaware County  
10104 Brewster Lane  
Powell, OH 43065

740-938-2000

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**From:** Tom O'Brien  
**Sent:** Friday, February 23, 2018 7:49 AM  
**To:** Matt Huffman <[cmhuffman@libertytwp.org](mailto:cmhuffman@libertytwp.org)>  
**Cc:** Jim Reardon <[jreardon@libertytwp.org](mailto:jreardon@libertytwp.org)>  
**Subject:** FW: Exterior Lighting Replacement

If you are good with this I will put a package together. The 1000.00 includes new wiring out to a pole in front that is broken underground someplace. That will be contracted out but Joel will do the trenching for us. All other work will be done in-house by the FD.

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**From:** Jim Reardon  
**Sent:** Friday, February 23, 2018 7:44 AM  
**To:** Tom O'Brien <[tobrien@libertytwp.org](mailto:tobrien@libertytwp.org)>  
**Subject:** Exterior Lighting Replacement

Chief,

FF Worley has prepared the pricing for the exterior light that is to be completed with shared cost with the township.

Here is the breakdown.

Will need a resolution not to exceed \$4,000.00

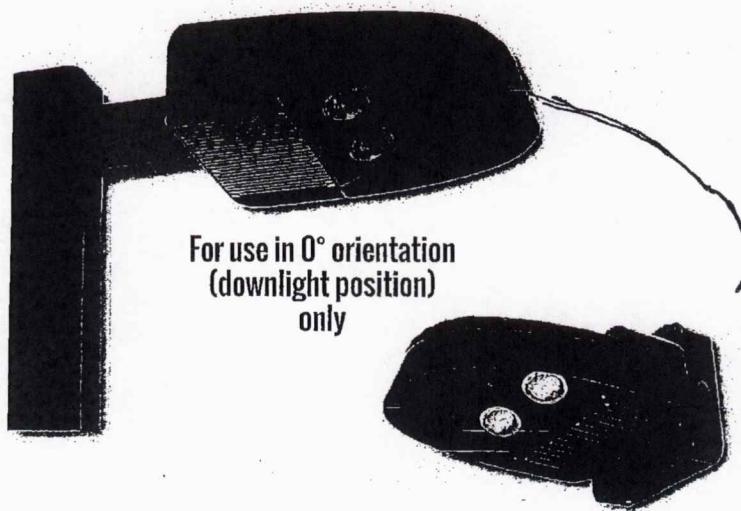
Township portion		Fire Department portion	
Pole Lights	\$1,234.90	Pole Lights	\$740.94
Electric Work	<u>\$1,000.00</u>	Wall Packs	\$659.94
<b>TOTAL</b>	<b>\$2,234.90</b>	<u>Electric Eye</u>	<u>\$200.00</u>
		<b>TOTAL</b>	<b>\$1600.88</b>

The total cost is \$3,835.78. I would ask that the resolution be “not to exceed” in the event we need some small additional parts.

JPR

# E-APA12 Series

LED Area Light - Type III  
Replaces 250W PSMH



## Achieve cohesion by way of multiple mounting options!

Our E-APA fixtures can be pole or wall mounted to provide any application space with a unified look and a sleek design.

### Efficient

- Up to 57% energy savings over comparable HID fixtures
- Heat dissipating fins keep LEDs running cooler, longer
- Glare shield reduces light pollution

### Recommended Use

- General area lighting
- Parking lots
- Roadways

### Durable

- Sturdy, low-copper die-cast aluminum construction
- Rugged tempered glass lens

### Input Voltage

- Universal (120V through 277V Operation)

### Certifications



e-conolight®

Quality Products, Affordably Priced.

OUTDOOR LIGHTING

INDOOR LIGHTING

CLEARANCE

LIGHTING LAYOUT TOOL

RESOURCES

**TREAT YOURSELF TO GREAT SAVINGS ON GREAT PRODUCTS 10%\*OFF WITH PROMO CODE TREAT1C**

Home / Outdoor Lighting / Flood &amp; Area

**NEW**

Click to expand



Replaces 250W | 12,400 \$269.99  
 Lumens LED Area Light  
 E-APA12 Series | 4000K |  
 Dark Bronze

SKU: E-APA12A-C340Z

Quantity [ADD TO CART](#)[ADD TO QUOTE](#)

IN STOCK

RATINGS



Be the first to review this product

5 questions and 5 answers for this product

[Write a review](#)[Ask a question](#)**\* COLOR TEMPERATURE:**

Neutral White (4000K)

Cool White  
(5000K)Neutral  
White  
(4000K)**\* FINISH COLOR:**

Dark Bronze

[DETAILS](#)[SPECS & GUIDE](#)[ACCESSORIES](#)[REVIEWS](#)[Q&A](#)**OVERVIEW**

Replaces 250-watt pulse start metal halide (PSMH). 117-watt LED Area Light – Type III with 12,400 delivered lumens. 4000K, dark bronze, DLC and UL Listed, 5-year limited warranty, free shipping over \$100.

**FEATURES****Housing:**

- Low copper, die-cast aluminum housing
- Dark bronze polyester powder-coat finish

**Lens Assembly:**

- Tempered glass lens is thermal, shock and impact resistant
- Fixed cutoff glare shield reduces light pollution
- Patented lens design delivers IES Type III distribution

**Mounting:**

- Fixture comes without mounting (sold separately)
- For use in 0° orientation (downlight position) only

**UL Listed:**

- Wet locations

**RECOMMENDED USE**

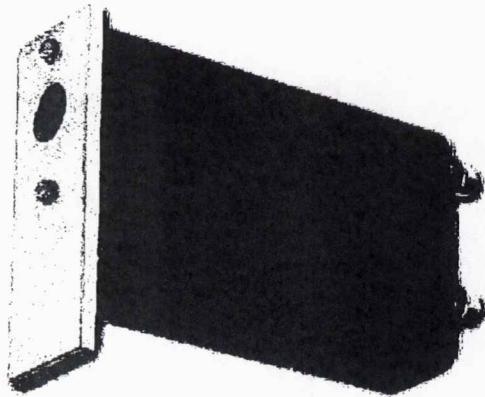
- General area lighting
- Parking lots
- Roadways

**TYPICAL MOUNTING HEIGHT**

15 to 25 feet

[OUTDOOR LIGHTING](#) [INDOOR LIGHTING](#) [CLEARANCE](#) [LIGHTING LAYOUT TOOL](#) [RESOURCES](#)**TREAT YOURSELF TO GREAT SAVINGS ON GREAT PRODUCTS 10%\*OFF WITH PROMO CODE TREAT10**

Home /

**6-inch Mounting Arm | \$16.99**  
E-AL1L, E-AL2L, E-APA

SKU: E-ACE

Quantity [ADD TO CART](#)[ADD TO QUOTE](#)

IN STOCK

**RATINGS**

Be the first to review this product

7 questions and 7 answers for this product

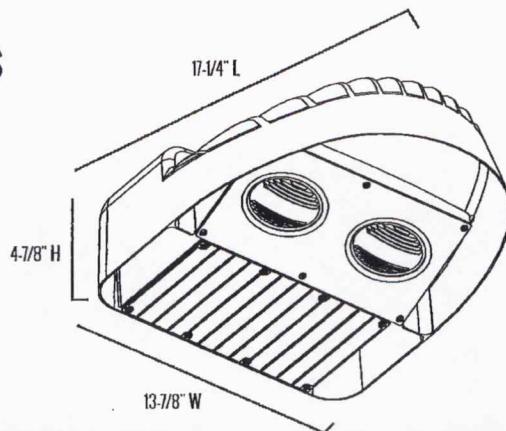
[Write a review](#)[Ask a question](#)

Click to expand

[DETAILS](#)[SPECS & GUIDE](#)[ACCESSORIES](#)[REVIEWS](#)[Q&A](#)

There are no accessories for this product.

## E-APA12 Series



### Series Overview

DIMENSIONS	PRODUCT WEIGHT	MOUNTING HEIGHT	SPACING
17-1/4" L x 13-7/8" W x 4-7/8" H	16.0 lbs.	15 to 25 feet	3 to 4 times the mounting height

### Fixture Specifications

HOUSING	Low-copper, die-cast aluminum housing Dark bronze polyester powder-coat finish
LENS ASSEMBLY	Fixed cutoff glare shield reduces light pollution Tempered glass lens is thermal, shock and impact resistant Patented lens design delivers IES Type III distribution
MOUNTING	Fixture comes without mounting (sold separately) For use in 0° orientation (downlight position) only

### Electrical Performance

OPERATING MINIMUM	LIFESPAN <small>L<sub>50</sub> AT 25°C (77°F)</small>	POWER FACTOR	TOTAL HARMONIC DISTORTION	DIMMABLE
-40°C (-40°F)	Estimated >100,000 Hours	>0.9	<20%	No
INPUT VOLTAGE	120V	208V	240V	277V
Current Draw (Amps)	0.97A	0.56A	0.49A	0.42A

### Warranty & Certifications

WARRANTY	UL LISTED	DLC	ENERGY STAR
5-Year Limited	Wet Locations (0° tilt only)	Yes	

### Output Specifications

SKU	LIGHT OUTPUT	COLOR TEMP <small>(See chart)</small>	POWER CONSUMPTION	COLOR ACCURACY	REPLACES
E-APA12A-C350Z	12,100 Lumens	Cool White (5000K)	17W	≥70 CRI	250W PSMH
E-APA12A-C340Z	12,400 Lumens	Neutral White (4000K)	17W	≥70 CRI	250W PSMH

CORRELATED  
COLOR TEMPERATURE  
(CCT)

5000K COOL WHITE

4000K NEUTRAL WHITE

WARM WHITE

Due to continuous product improvement, information in this document is subject to change.

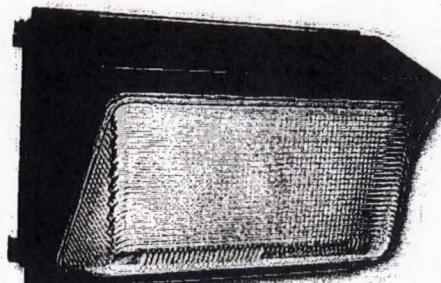
Revision Date: 07/18/17

1501 96<sup>th</sup> Street, Sturtevant, WI 53177 | Phone (888) 243-9445 | Fax (262) 504-5409 | [www.e-conolight.com](http://www.e-conolight.com)

e-conolight®

# E-WFT04 Series

LED Traditional Style Wall Pack - Small  
Replaces 100W PSMH



**Classic, traditional-style fixture, now with greater output and increased efficiency!**

#### Efficient

- Uses 45% less energy than comparable HID fixtures
- Quick, easy installation

#### Durable

- Lens is heat and shock resistant
- Powder-coat finish withstands the test of time

#### Recommended Use

- Security
- Pathways
- Perimeter lighting

#### Input Voltage

- Universal (120V through 277V Operation)

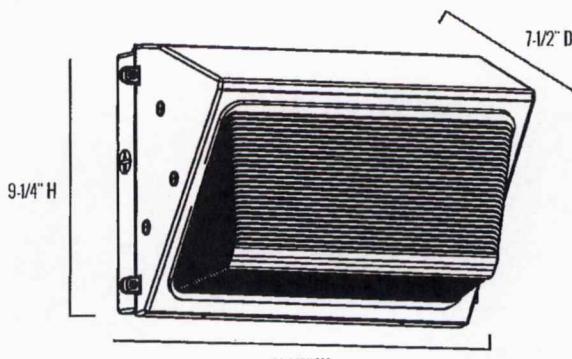
#### Certifications



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Quality Products, Affordably Priced.

## E-WFT04 Series



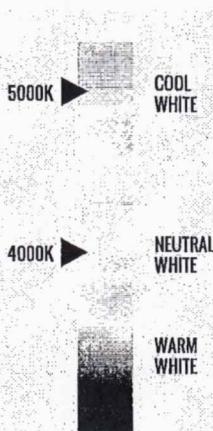
### Series Overview

DIMENSIONS	PRODUCT WEIGHT	MOUNTING HEIGHT	SPACING
7-1/2" D x 14-1/8" W x 9-1/4" H	8.6 lbs.	8 to 18 feet	2 to 3 times the mounting height

### Fixture Specifications

HOUSING	Heavy duty, die-cast aluminum housing with hinged door frame Dark bronze polyester powder-coat finish
LENS ASSEMBLY	Heat and shock-resistant borosilicate glass prismatic lens
MOUNTING	1/2" NPT tapped knockouts for conduit entrances (one on top, one on each side, one on back)

### CORRELATED COLOR TEMPERATURE (CCT)



### Electrical Performance

OPERATING MINIMUM	LIFESPAN $L_{50}$ AT 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION	DIMMABLE
-40°C (-40°F)	Estimated 76,000 Hours	>0.9	<20%	No
INPUT VOLTAGE	120V	208V	240V	277V
Current Draw (Amps)	0.36A	0.21A	0.18A	0.16A

### Warranty & Certifications

WARRANTY	UL LISTED	DLC	ENERGY STAR
5-Year Limited	Wet Locations	Yes	---

### Output Specifications

SKU	LIGHT OUTPUT	COLOR TEMP (See chart)	POWER CONSUMPTION	COLOR ACCURACY	REPLACES
E-WFT04A-N50Z	4600 Lumens	Cool White (5000K)	43W	$\geq 70$ CRI	100W PSMH
E-WFT04A-N40Z	4600 Lumens	Neutral White (4000K)	43W	$\geq 70$ CRI	100W PSMH

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# E-WFT04 Series

## Accessories



Photocell - Button, 120V/208V/240V/277V

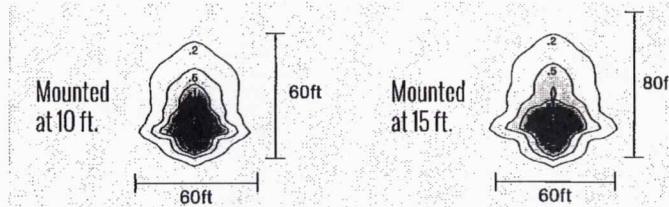
SKU: E-ACP1 (120V)

E-ACP2 (208V/240V/277V)

USE: Photocell is field installed.

Drilling of the back box in the field is required.

## Photometric Diagrams



All published photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. Fixture photometry was completed on a single representative fixture.

## Generational Chart

OLD SERIES	NEW SERIES
E-WP8 Series	E-WFT04 Series

WALL PACKS

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