

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

CERTIFIED BY:

Nancy Denutte
Nancy Denutte, Fiscal Officer

Mike Gemperline
Mike Gemperline, Trustee

Shyra Eichhorn
Shyra Eichhorn, Trustee

Cathy Buehrer

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

From: Tom O'Brien
Sent: Friday, February 23, 2018 7:49 AM
To: Matt Huffman <mhuffman@libertytwp.org>
Cc: Jim Reardon <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.

From: Jim Reardon
Sent: Friday, February 23, 2018 7:44 AM
To: Tom O'Brien <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

Pole Lights	\$1,234.90
Electric Work	<u>\$1,000.00</u>
TOTAL	\$2,234.90

Fire Department portion

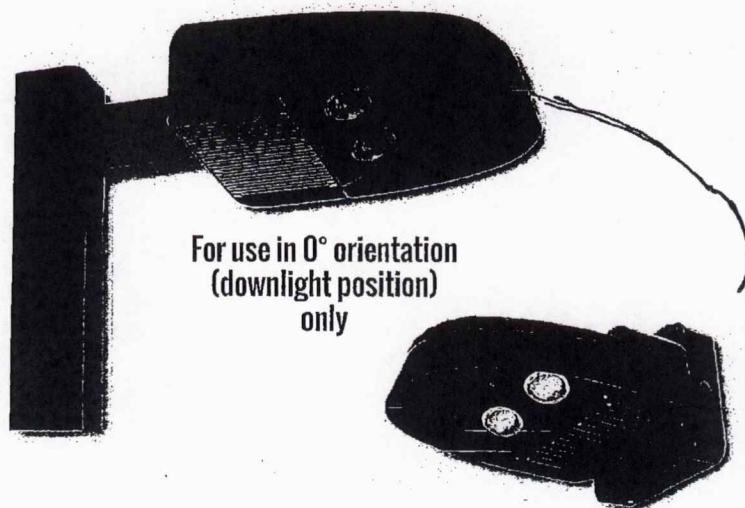
Pole Lights	\$740.94
Wall Packs	\$659.94
Electric Eye	<u>\$200.00</u>
TOTAL	\$1600.88

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



For use in 0° orientation
(downlight position)
only

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

Durable

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

Recommended Use

- General area lighting
- Parking lots
- Roadways

Input Voltage

- Universal (120V through 277V Operation)

Certifications



e-conolight® | Quality Products, Affordably Priced.

OUTDOOR LIGHTING

INDOOR LIGHTING

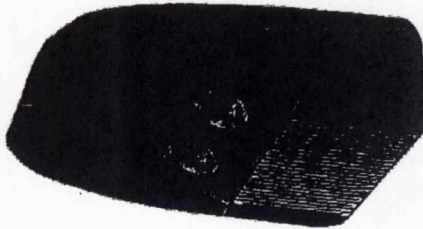
CLEARANCE

LIGHTING LAYOUT TOOL

RESOURCES

TREAT YOURSELF TO GREAT SAVINGS ON GREAT PRODUCTS 10%*OFF WITH PROMO CODE TREAT10

Home / Outdoor Lighting / Flood & Area



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

SKU: E-APA12A-C340Z

*** COLOR TEMPERATURE:**

Neutral White (4000K)

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

Dark Bronze

Quantity

ADD TO CART

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IN STOCK

RATINGS

★★★★★

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5 questions and 5 answers for this product

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SPECS & GUIDE

ACCESSORIES

REVIEWS

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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

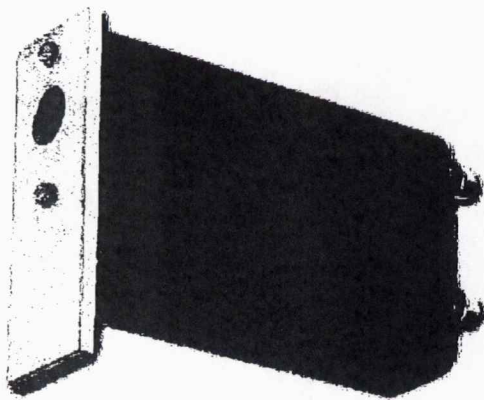
TYPICAL MOUNTING HEIGHT

15 to 25 feet

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

SKU: E-ACE

Quantity

[ADD TO CART](#)

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IN STOCK

RATINGS

★★★★★

Be the first to review this product

7 questions and 7 answers for this product

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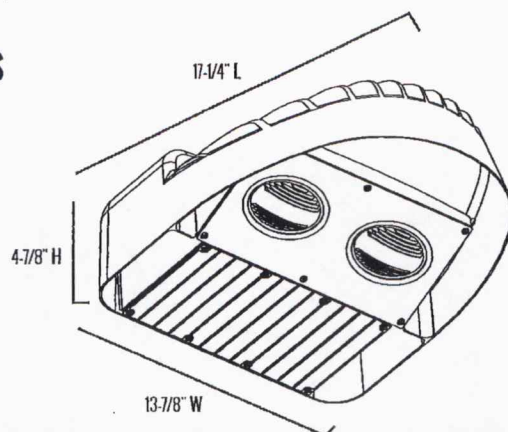
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There are no accessories for this product.

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>L₇₀ 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)	117W	≥ 70 CRI	250W PSMH
E-APA12A-C340Z	12,400 Lumens	Neutral White (4000K)	117W	≥ 70 CRI	250W PSMH

CORRELATED COLOR TEMPERATURE (CCT)

5000K → COOL WHITE

4000K → NEUTRAL WHITE

WARM WHITE

FLOOD & AREA

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

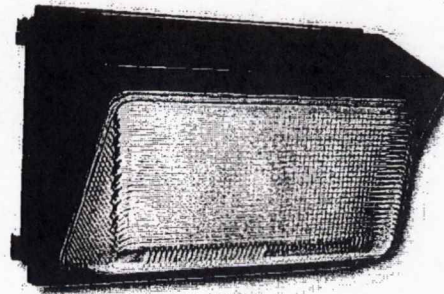
Revision Date: 07/18/17

1501 96th Street, Sturtevant, WI 53177 | Phone (888) 243-9445 | Fax (262) 504-5409 | www.e-conolight.com



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

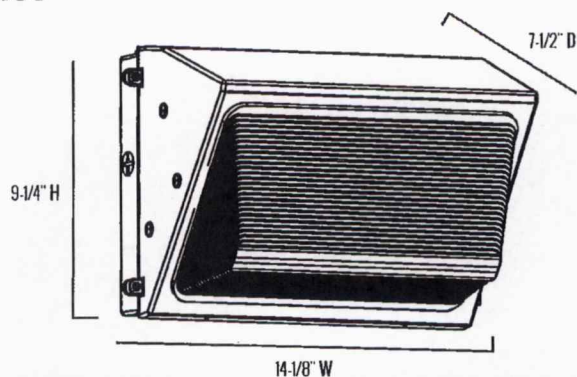
- Universal (120V through 277V Operation)

Certifications



e-conolight® | 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)

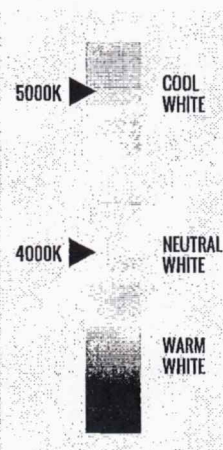
Electrical Performance

OPERATING MINIMUM	LIFESPAN <small>L₇₀ AT 25°C (77°F)</small>	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	---

CORRELATED COLOR TEMPERATURE (CCT)



Output Specifications

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

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Revision Date: 05/01/17

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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.

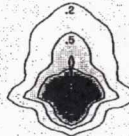
Photometric Diagrams

Mounted
at 10 ft.



60ft

Mounted
at 15 ft.



80ft

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

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