

TRON

Built for parking garages, entrances and loading docks, TRON is a durable round canopy light with adjustable power and color temperature, a high-reflectivity reflector and IP65 wet location rating.

Parking Garages

Building Entrance

Storage Facility

Loading Dock



Project Information

Type: _____ Date: _____
 Project: _____
 Catalog #: _____
 Notes: _____



Key Specifications

Electrical

Input voltage	120-277/347V
Power factor	>0.9
THD	<20%
Dimming	0-10V dimming
Power	45/60/80W

Optical

CRI	80 CRI
CCT	3000K · 4000K · 5000K
Efficacy	~120lm/W
Distribution	155°

Physical

Housing	Aluminum die cast, cooling fins
Lens	Polycarbonate, high transmittance
Mounting	Surface · Pendant · U-bracket
Finish	White · Bronze
Ambient	-40°C to 45°C
Protection	IP65 wet locations · IK08 impact
Controls	Motion sensor · Photocell · 8W EM

Certifications

Listings	UL · DLC Premium · RoHS
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System Warranty

5 years

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L70 at 50000h

Rated for 70% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

AE-OD-TR

01 FIXTURE FAMILY



AE-OD-TR

ERALUX TRON outdoor canopy light fixture

02 POWER

-80W

45/60/80W
5400/7200/9600lm

03 EFFICIENCY

-RG-H

Round canopy
with
high efficiency

04 VOLTAGE

-MV

120-277/347V

05 CCT

-TCP

Switchable
3000K/4000K/5000K

06 CONTROL

Blank

0-10V dimming

-MS

Motion sensor

-P

Photocell

-EM

8W emergency
battery

07 MOUNTING

Blank

Surface, or
pendant
by a pole (1)

-U

U-bracket
mounting

08 FINISH



-BZ

Bronze
powder coat



-WH

White
powder coat

1. Pole is provided by others.

Accessory Ordering Guide

Assembled Catalog Number

RESET

01

ACCESSORY



AE-IL-SB2-CA-MS
Microwave motion sensor



AE-IL-SB2-CA-REMOTE-CTRL
Remote control for the motion sensor



AE-WP-PHOTOCELL-CA
Photocell, daylight harvesting, 12V



AE-OD-TR-U-BRACKET-BZ
U-bracket bronze



AE-OD-TR-U-BRACKET-WH
U-bracket white



AE-OD-TR-U-BRACKET-BK
U-bracket black

Lumens at Different CCT

ITEM NUMBER	POWER	INPUT VOLTAGE	30K CCT	40K CCT	50K CCT
AE-OD-TR-80W-RG-H-MV-TCP-XX-ZZ	45W	120-347V	6324.7lm	6797.6lm	6764.7lm
	60W		8252.2lm	8923.1lm	8732.5lm
	80W		10507lm	11337lm	10972lm

DLC Qualified Model

DLC	PRODUCT ID	MODEL NUMBER	CATEGORY	CLASS
5.1	S-W18QRK	AE-OD-TR-80W-RG-H-MV-TCP-[Blank,P,MS]-[BZ,BK,WH]	Outdoor	Premium

Design Lights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

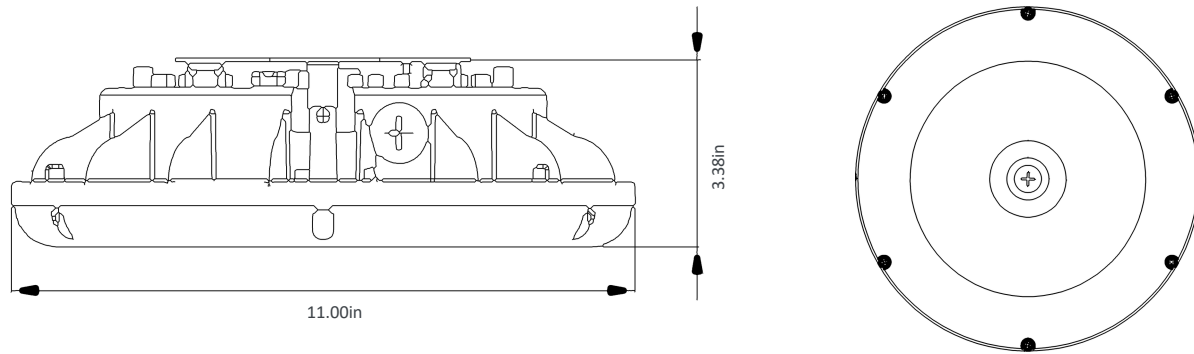
Features

Innovative design: aluminum die cast housing and fins for better heat dissipation; highly robust polycarbonate and high transmittance lens. **Multiple options:** power switchable for 40/60/80W · CCT switchable 30/40/50K · bronze and white finishes. **Accessories:** 120-347V photocell · 8W emergency battery backup · motion sensor. **Mountings available:** pole mount · surface mount · U-bracket mount. **Protection:** protected against dust ingress and water jets; impact resistant.



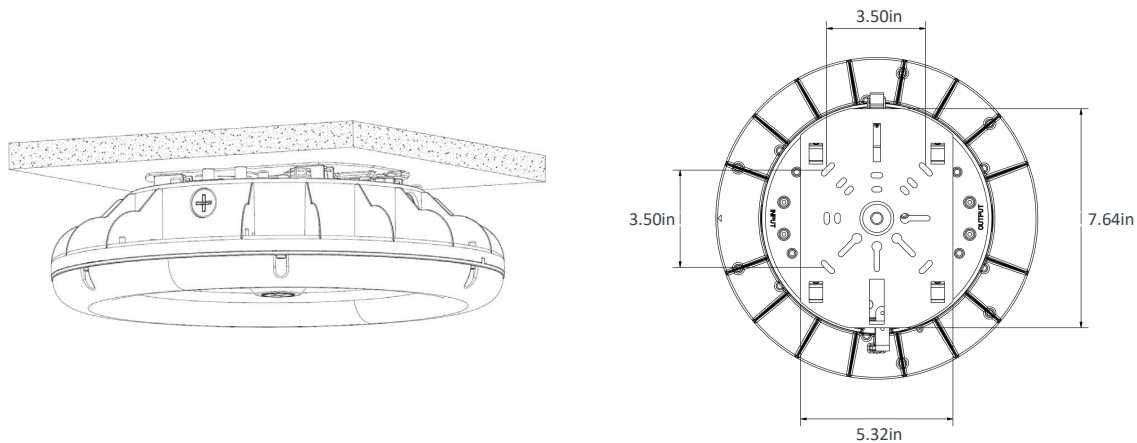
Dimensions

Fixture - AE-OD-TR-80W-RG-H-MV-TCP



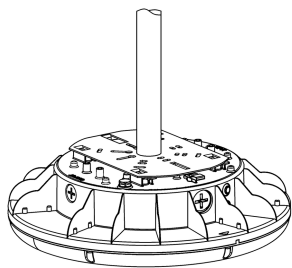
Surface Mount

Can be mounted on a ceiling or a wall. Screw positions are shown on the right; dimensions in inches.



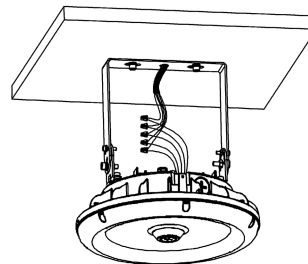
Pendant mount

Can be suspended using a pole through a 3/4in NPT.



U-mounting

Can be mounted using the U-bracket, adjustable to any desirable angle. The U-bracket is needed for installation.

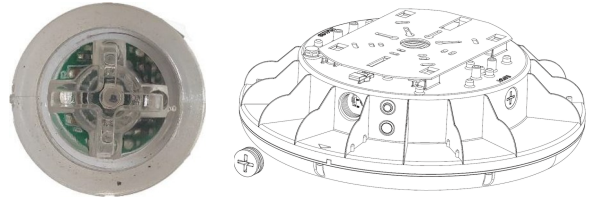


Installation instructions: [Install Instruction link](#)

Controls

Photocell

12V photocell available (AE-WP-PHOTOCELL-CA); it can be placed on the side of the fixture, as shown in the image.



Emergency LED Driver (Integrated)

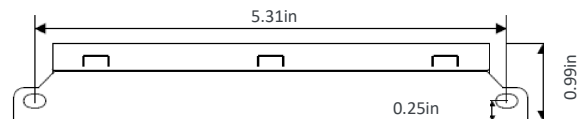
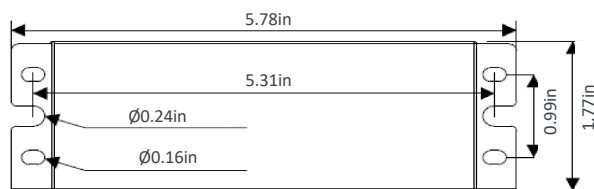
EMQ-08300DO-HY • output power 8W

Input voltage	100-347V
Input current	100mA max
Recharge time	24h
Discharge time	1.5h
Emergency power	8W
Installation	Integrated inside fixture

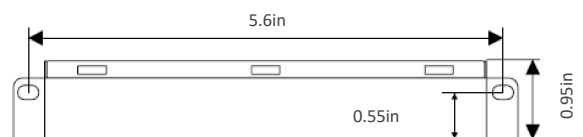
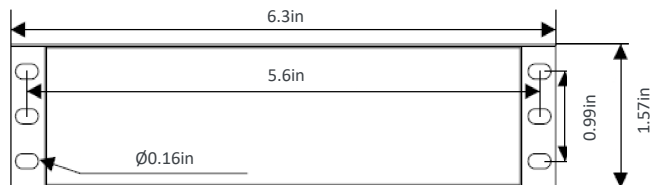


A UL-listed emergency lighting solution for the US and Canada, featuring high output voltage, self-testing and overcharge/discharge protection. Compliant with UL924 and CSA C22.2 NO.141, it is suitable for field or factory installation and integrates seamlessly with LED drivers. With low energy consumption and Title20 compliance, it offers 8W emergency power, a quick 24-hour recharge time and a 1.5-hour discharge time.

Driver Dimensions



Battery Dimensions - 8W Version



Recharge time 24h, discharge time 1.5h. Dimensions in inches.

Photometric Data

AE-OD-TR-80W-RG-H-MV-TCP-XX-BZ				cd	DISTANCE	CENTER Fc	BEAM WIDTH	
	ZONE	LUMENS	% FIXTURE					
45W · 150°	0-20°	537.61	7.87		2.5ft	213	14.3ft	12.0ft
Wattage	0-40°	2214.72	32.43		5.0ft	53.2	28.5ft	24.0ft
CCT	0-60°	4688.06	68.65		7.5ft	23.6	42.8ft	36.0ft
Distribution	0-80°	6304.52	92.32		10.0ft	13.3	57.1ft	48.0ft
	0-90°	6547.76	95.88		12.5ft	8.51	71.3ft	60.0ft
	0-180°	6828.89	100.00		15.0ft	5.91	85.6ft	72.0ft
						Vert. spread		141.4°
						Horiz. spread		134.8°

AE-OD-TR-80W-RG-H-MV-TCP-XX-BZ				cd	DISTANCE	CENTER Fc	BEAM WIDTH	
	ZONE	LUMENS	% FIXTURE					
80W · 150°	0-20°	896.26	7.87		2.5ft	354	14.3ft	12.0ft
Wattage	0-40°	3690.26	32.40		5.0ft	88.6	28.6ft	24.1ft
CCT	0-60°	7814.08	68.60		7.5ft	39.4	42.9ft	36.1ft
Distribution	0-80°	10513.09	92.29		10.0ft	22.1	57.2ft	48.1ft
	0-90°	10920.26	95.87		12.5ft	14.2	71.5ft	60.2ft
	0-180°	11391.29	100.00		15.0ft	9.84	85.8ft	72.2ft
						Vert. spread		141.4°
						Horiz. spread		134.9°

Sensors

Bluetooth Sensors ARIA PLUS · BLE

Fixture-integrated sensors

Product	Detection type	Detection range	Bluetooth range	Dimming protocol	Installation
 EFS106-AUX-W High bay · outdoor	PIR	40–80ft	328ft	0-10V Dimming	Plug-in – AUX base

Non-Bluetooth Sensors set up by IR remote

Product	Detection type	Detection range	Set-up	Dimming protocol	Installation
 AE-IL-SB2-CA-MS High bay · IP65 Remote control AE-IL-SB2-CA-REMOTE-CTRL	Microwave	13–40ft	IR remote	0-10V Dimming	Plug-in – sensor port

Please refer to spec sheet for exact specifications for all items above.