EOT

LED Emergency Outdoor Tear Drop

Project

Catalog

Type

Date

Product Description

The LED Emergency Outdoor Tear Drop combines 90-minute emergency lighting with a low-profile, architectural design. The EOT is designed for outdoor use, with an optional cold-weather kit for added reliability in northern climates. The EOT comes standard with a photocell providing users added energy efficiency. An internal selector switch allows bypassing the photocell to control the unit from a wall swtich. A non-emergency unit is available for locations not requiring battery-backup, providing a uniform look for all fixtures.

Construction
- IP65 Rated enclosure
- Durable die-cast Aluminum body
- Separable backplate for easy installation and maintenance

Optical System
- Polycarbonate lens
- Utilizes advanced LED technology with CCT of 2700K and 5000K
- CRI 70+

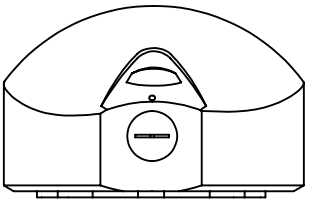
Electrical
- Input voltage of 120/277VAC
- Maintenance-free NiCad battery provides 90-minute emergency operation
- LED indicator light & test button with self-diagnostics standard
- Photocell standard with wall switch control
- Operating Temperature:
  - EM: 32°F to 122°F (0°C to +50°C)
  - Non-EM and EM Cold Weather: -13°F to +122°F (-25°C to +50°C)

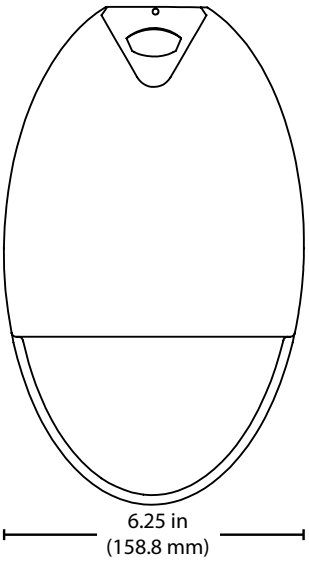
Mounting and installation
- Fixture mounts directly to J-Boxes and walls with screws
- Wiring possible through backplate or 1/2" conduit knockout
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Finish
- Fine-textured, UV-stabilized powder coat bronze finish

Listings
- LM-79, LM-80 testing performed in accordance with IESNA standards.
- UL & cUL 924 Listed
- Meets or exceeds requirements of NFPA 70 & NFPA 101
- Meets FCC Part 15, Subpart B, Class B standards for conducted and radiated emissions
- TM-21 Projected L70(9k) life >72,000 hours

Warranty
- 1-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge.)





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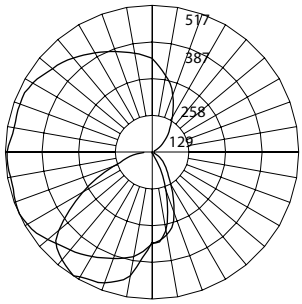
Photometric Data

EOT1MV2K

Input Voltage (VAC)	120/277
System Level Power (W)	13.4
Delivered Lumens - Standard Operation (Lm)	1074
System Efficacy (Lm/W)	80.1
Correlated Color Temp (K)	2756
Color Rendering Index (CRI)	83
Delivered Lumens - Emergency Operation (Lm)	277
Emergency Operation	90 min

Intensity Summary (Candle Power)

Angle	Mean CP
0	318
5	322
15	284
25	203
35	122
45	65
55	9
65	7
75	4
85	2
90	2



Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	305	28.4%
0-40	495	46.1%
0-60	871	81.1%
0-90	1074	100%
90-180	0.00	0%
0-180	1074	100%

CCT Data Multiplier

EOT1MV5K	1.078

Performance Data

Model Number	Lumens	Watts	Lumens/Watt
EOT1MV2K	1074	13.4	80.1
EOT1MV5K	1158	13.4	86.4

Ordering Information

Example: EOT1MV2KBZPS

Series	Version	Voltage	CCT	Housing Color	Photocell	Testing	Cold Weather	Emergency
EOT	**1**	**MV** (120-277V)	☐ **2K** (2700K)[1]	☐ **BZ** (Bronze)	**P** (Photocell)	**S** (Self-Diagnostic)	☐ *_Blank* (Standard)	☐ *__Blank* (Emergency)
			☐ **5K** (5000K)	☐ **SV** (Silver)			☐ **C** (Cold Weather)[1]	☐ **AC** (Non-EM)[1]

Specifications and dimensions subject to change without notice.

1. *Only available for Bronze Finish*