

E-CRB Series

LED Round Canopy Light
Replaces 100W / 175W MH



Use Up To 70% Less Energy Than HID

Break away from the norm with our new LED Round Canopy! Its frosted lens reduces glare, while its sleek curved design provides an upscale look. Install today for an instant upgrade.

Design

- NEMA Type V beam spread covers 360° of targeted area
- Round distribution allows for even light gradient
- Circular design provides an inviting look and feel

Easy Install

- Included Junction Box Mounting Plate allows for luminaire suspension (while splicing wires)
- Compatible with industry's most popular junction boxes
- Luminaire attaches to Junction Box Mounting Plate using four-point mating hook system

Recommended Use

- Security
- Entryways
- Perimeter lighting
- Exterior canopies

Input Voltage

- Universal (120V through 277V Operation)

Certifications



E-CRB03 Series



E-CRB05 Series
(0-10V dimming)

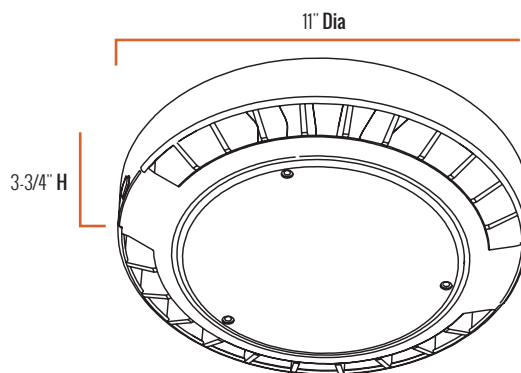


CREE LEDs



Quality Products, Affordably Priced.

E-CRB Series



Note: Canopy Lights not intended for use in environments with direct exposure to high-pressure water, such as car washes.

Series Overview

DIMENSIONS	PRODUCT WEIGHT	MOUNTING HEIGHT	SPACING
3-3/4" H x 11" Dia	6.6 lbs.	8 to 15 feet	1 to 2 times the mounting height

Fixture Specifications

HOUSING	Die-cast aluminum housing Dark bronze or white polyester powder-coat finish
LENS ASSEMBLY	Frosted, UV-stabilized polymeric material with self-retaining screws
MOUNTING	Single-gang, 3-1/2" octagonal, 4" square or 4" octagonal junction box

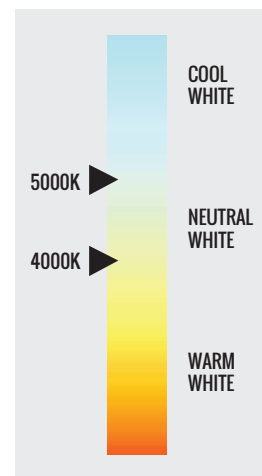
Electrical Performance

OPERATING MINIMUM	LIFESPAN <small>L₇₀ AT 25°C (77°F)</small>	POWER FACTOR	TOTAL HARMONIC DISTORTION	DIMMABLE
-40°C (-40°F)	Estimated 170,000 Hours	> 0.95	< 11%	No (E-CRB03) Yes (E-CRB05, 0-10V dimming)
INPUT VOLTAGE	120V	208V	240V	277V
Current Draw (Amps)	0.33A	0.19A	0.17A	0.14A

Warranty & Certifications

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

CORRELATED COLOR TEMPERATURE (CCT)



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

Revision Date: 12/11/18

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

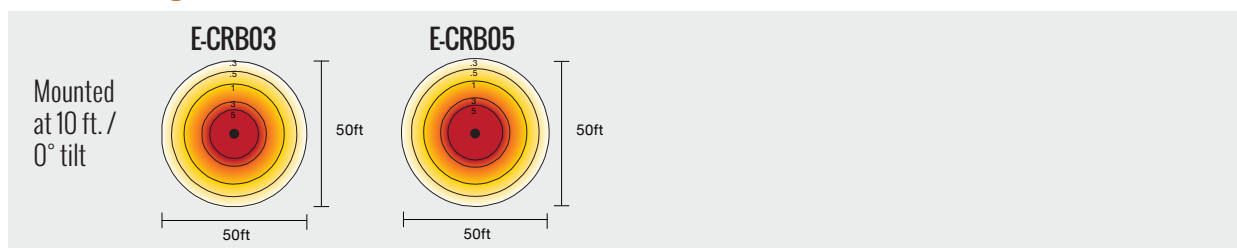
e-conolight®

E-CRB Series

Output Specifications

SKU	LIGHT OUTPUT	COLOR TEMP (See chart)	POWER CONSUMPTION	COLOR ACCURACY	REPLACES
E-CRB03A-W50Z (Dk. Bronze)	3700 Lumens	Cool White (5000K)	40W	≥ 74 CRI	100W MH
E-CRB03A-W50W (White)	3700 Lumens	Cool White (5000K)	40W	≥ 74 CRI	100W MH
E-CRB03A-W40Z (Dk. Bronze)	3700 Lumens	Neutral White (4000K)	40W	≥ 74 CRI	100W MH
E-CRB03A-W40W (White)	3700 Lumens	Neutral White (4000K)	40W	≥ 74 CRI	100W MH
E-CRB05A-W50Z (Dk. Bronze)	5400 Lumens	Cool White (5000K)	55W	≥ 74 CRI	175W MH
E-CRB05A-W50W (White)	5400 Lumens	Cool White (5000K)	55W	≥ 74 CRI	175W MH
E-CRB05A-W40Z (Dk. Bronze)	5400 Lumens	Neutral White (4000K)	55W	≥ 74 CRI	175W MH
E-CRB05A-W40W (White)	5400 Lumens	Neutral White (4000K)	55W	≥ 74 CRI	175W MH

Photometric Diagrams



Recommended Lumen Maintenance Factors (LMF)¹

E-CRB03 Series						
OPERATING HOURS	0 HOURS	25,000 HOUR PROJECTED LMF ²	50,000 HOUR PROJECTED LMF ²	75,000 HOUR PROJECTED LMF ²	100,000 HOUR PROJECTED LMF ²	170,000 HOUR PROJECTED LMF ²
Lumen Maintenance Factor	100%	95%	92%	88%	85%	70%

E-CRB05 Series						
OPERATING HOURS	0 HOURS	25,000 HOUR PROJECTED LMF ²	50,000 HOUR PROJECTED LMF ²	75,000 HOUR PROJECTED LMF ²	100,000 HOUR PROJECTED LMF ²	170,000 HOUR PROJECTED LMF ²
Lumen Maintenance Factor	100%	95%	91%	88%	85%	70%

¹ Lumen maintenance values at 25° C (77° F) are calculated per TM-21 based on LM-80 data and in-situ testing.

² In accordance with IESNA TM-21-11, projected values represent interpolated value based on time durations that are within six times (6x) the IESNA LM-80 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip.