NIOC-24LED

2" & 4" Iolite Can-less LED Module

Type
Project
Catalog No.
Notes

PRODUCT DESCRIPTION

IC rated aluminum die-cast LED module with two tension steel spring clips. Used in conjunction with 12W driver box, 2" or 4" Iolite Can-less trims.

FEATURES

- No housing required
- Easy installation for remodel or new construction applications
- Compatible with 2" or 4" Iolite Can-less trims and 12W driver box
- Quick disconnect allows for extended lengths with accessories
- IC rated
- Dedicated CCT or Comfort Dim (warm dim)
- Flood optic, narrow flood and spot optics (included)
- cULus Listed for Wet Locations (when used with compatible driver/trim)

SPECIFICATION

Construction: Die-cast aluminum LED module includes 7" quick connect wire to the driver box for ease of installation. LED module is threaded to fit the trim and transfer heat. ***Maximum length between luminaire and driver is 40'. For longer remote driver remote run length, consult factory.***

Clearance: IC rated LED modules can be installed with direct contact against insulation (not spray foam insulation), no minimum clearance is required.

Installation: No housing is required, two tensions steel spring clips secure luminaire to ceiling. Accommodates ceiling thickness up to ¾". New construction frame-in accessories are also available. (Refer to trim for compatibility)

OPTICS

Each module includes field changeable optics (spot, narrow flood and flood - preinstalled).

ELECTRICAL

Input Voltage:
NIOC-24LED: 36VDC
NIOC-24LEDHL: 37VDC
Lumens / Wattage:
NIOC-24LED: 1200lm / 12W
NIOC-24LEDHL: 1500lm / 12W
Color Temperature:
2700K, 3000K, 3500K, 4000K or Comfort Dim (warm dim)
Color Rendering Index: 90+CRI
Operating Temperature: 0°-30°C
Lifetime: 50,000 hours @ L70
Comfort Dim: Comfort Dim color tunes the temperature from a bright 3100K, to a romantic and comfortable 2000K on a gradual, even curve. Available in 1000lm only.

COMPATIBLE DRIVER/TRIMS

LED module is compatible with 2" or 4" Iolite Can-less trim and driver box

Driver Box
NJCB-12: 12W Driver; 120V input, Phase
NJCB-12LE4: 12W Driver; 120-277V input, Phase/0-10V

Iolite Can-less Trims
NIOC-2RNB: 2" Round Bullnose Trim
NIOC-2RNDC: 2" Round Downlight Trim
NIOC-2RPH: 2" Round Pinhole Trim
NIOC-2SNDSQ: 2" Square Downlight Trim
NIOC-4RNB: 4" Round Bullnose Trim
NIOC-4RNDC: 4" Round Downlight Trim
NIOC-4RPH: 4" Round Pinhole Trim
NIOC-4RSP: 4" Round Sloped Ceiling Trim
NIOC-4RTLNDC: 4" Round Trimless Downlight
NIOC-4RTLSLA: 4" Round Trimless Slot Adjustable
NIOC-4SNDSQ: 4" Square Downlight Trim

OPTIONAL ACCESSORIES

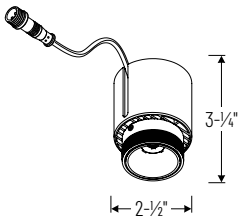
NCA-EW-4: 4' Quick Connect Extension Cable
NCA-EW-10: 10' Quick Connect Extension Cable

LABELS AND LISTINGS

- cULus Listed for Damp Locations (Wet Locations when used with compatible driver/trim)
- 5-Year Limited Warranty
- Certified to the high efficacy requirements of California Title 24 JA8-2025 (when used with compatible driver/trim)

PRODUCT IMAGES & DIMENSIONS

Three field changeable optics included



NCA-EW
Quick Connect Extension Cable

2" & 4" Iolite Can-less LED Module

Lumens	Color Temperature
NIOC-24LED = 1200lm	**927X** = 2700K
NIOC-24LEDHL = 1500lm	**930X** = 3000K
	935X = 3500K
	940X = 4000K
NIOC-24LED = 1000lm	**9CDX** = Comfort Dim (3100K~2000K)

Optional Accessories

Description
NCA-EW-4 = 4' Quick Connect Extension Cable
NCA-EW-10 = 10' Quick Connect Extension Cable

Example: **NIOC-24LED930X** = 2" and 4" 1200lm Iolite Can-less LED Module, 3000K

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