

ID+ 3.5"

LED TITLE 24 DOWNLIGHT



clear diffuse



white painted flange

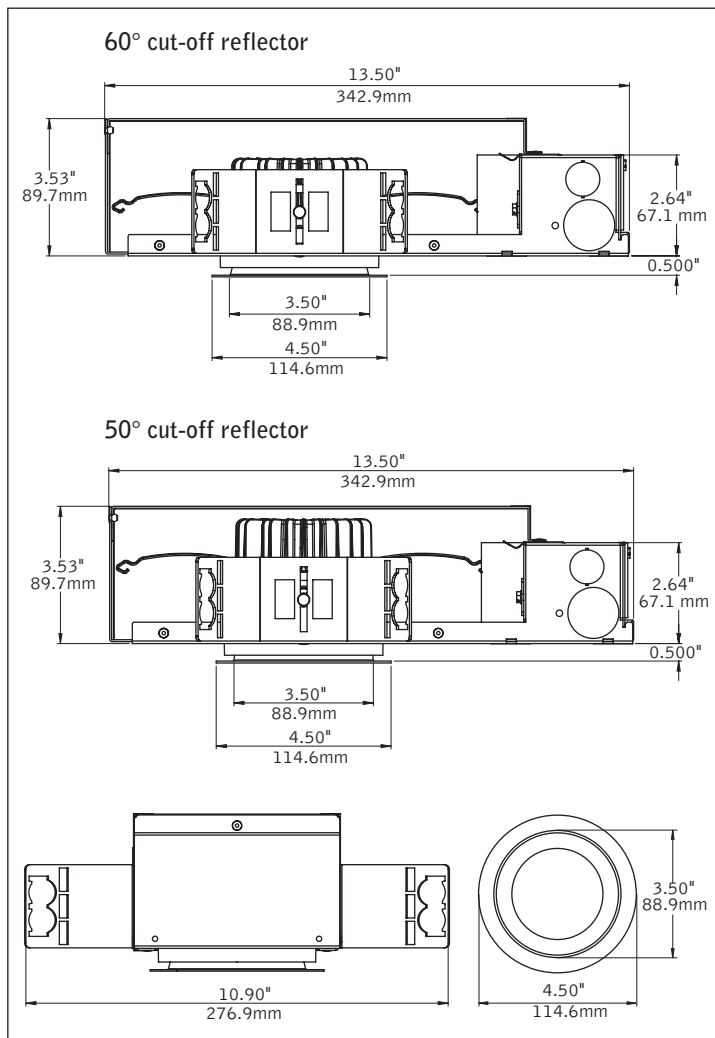


white painted



trimless companion

DIMENSIONAL DATA



FEATURES

Low profile housing meets Title 24 requirements.

ChromaSure: Color consistency resulting in a 2-step MacAdam ellipse across the entire ID+ product line.

Field adjustability of ceiling thickness from 0.5" - 1.5".

50° cut-off and 60° cut-off reflector options available.

Selection of dimming drivers available.

PERFORMANCE

Short 60° Cut-off, Narrow Flood, White Reflector, 3500K

Delivered Lumens: 1000Lm

Total System Watts: 13W

PRODUCT OVERVIEW

Lumen Output: 750-1000Lm

Wattage: 9-13W

LPW: 73-80

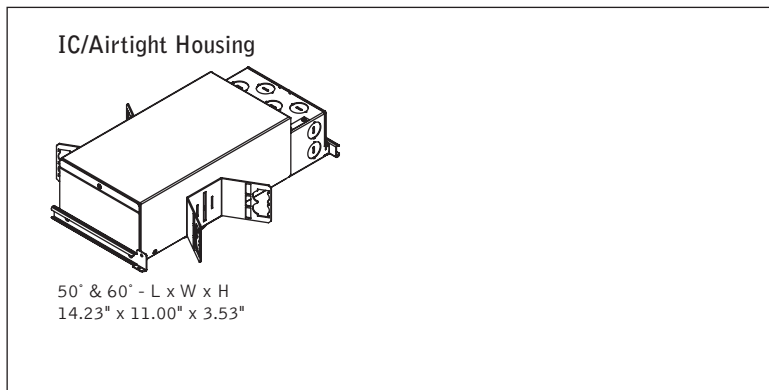
SDCM: 2

Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data. Visit energystar.gov for model specifics.

fixture:

project:

HOUSING DETAILS



HOUSING SPECIFICATIONS

Construction

Type IC inherently protected, suitable for direct contact with insulation. Restrictive airflow per ASTM-E283. Butterfly brackets allow mounting to 1/2 emt. Order bar hangers as an accessory. Die-cast aluminum heat sink designed for maximum thermal dissipation. Die-formed housing and integral junction box with (7) 1/2" pry outs. Accommodates ceiling thicknesses up to 0.5" standard, field adjustable up to 1.5" thickness. For thicker ceiling consult factory. Fixture will not exceed 5 lb.

Electrical

Choice of constant current dimming drivers. Power factor > .9 typical.

Labels

UL and cUL listed. Suitable for Dry, Damp or Wet Locations, indoor use only.

Lumen Maintenance

Reported: L70 at >55,000 hours Calculated: L70 at 420,000 hours
L90 at >55,000 hours L90 at 109,000 hours

Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.

Reliability

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

Warranty

LED System rated for operation in ambient environments up to 25°C. 5-year limited warranty.

TRIM & LED SPECIFICATIONS

LED System

Proprietary array incorporates premium LEDs on a robust platform. May be specified in 2700K, 3000K, 3500K or 4000K, CRI>90. Color accuracy within 2 SDCM. Aluminum heat sink provides appropriate thermal management.

Aesthetics

Parabolic reflector cone ensures glare free optics. Reflector is .050 spun aluminum. Trims are self-flanged. Non-painted trim matches reflector finish. Painted flange may also be specified.

Optics

50-degree or 60-degree cut-off to light source and its image.

PERFORMANCE CHART—SHORT 60° CUT-OFF

| Delivered Lumens | System Watts | LPW |
|------------------|--------------|-----|
| 750 | 9 | 80 |
| 900 | 11 | 80 |
| 1000 | 13 | 73 |

Based on Trimless, 3500K, 90CRI, Wide Flood, Clear Diffuse. See page 3 for lumen performance multipliers. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

HOUSING ORDERING

| | |
|---|---------|
| Housing Series | FLC3DT4 |
| ID+ 3.5" Title 24 Round Housing | FLC3DT4 |
| Trim Type | RO |
| Round Overlap | RO |
| Lumen Output | |
| 750 Lumen | 750L |
| 900 Lumen | 900L |
| 1000 Lumen (Forward Phase (LFP) driver only) | 1000L |
| Voltage | 120 |
| 120V | 120 |
| Control System & Dimming Level | |
| 0-10V - 0% Dimming | LZ1 |
| 0-10V - 1% Dimming | L11 |
| Forward Phase (1000 Lumens only) | LFP |
| Housing Type | IC |
| IC Rated / Airtight | IC |
| Factory Options | |
| Bar Hangers | BH |
| TRIM & LED MODULE | |
| Aperture | LC3T4 |
| 3.5" Round Reflector | LC3T4 |
| Trim Type | RO |
| Round Overlap | RO |
| Lumen Output | |
| (Trim & housing output must match) | |
| 750 Lumen | 750L |
| 900 Lumen | 900L |
| 1000 Lumen | 1000L |
| Color Temperature | |
| 2700K, 90+ CRI | 927K |
| 3000K, 90+ CRI | 930K |
| 3500K, 90+ CRI | 935K |
| 4000K, 90+ CRI | 940K |
| Optic | |
| Tall Cone with 50° cut-off | DNT |
| Short Cone with 60° cut-off | DNS |
| Distribution | |
| Narrow Flood | NFL |
| Flood | FL |
| Wide Flood | WFL |
| Color | |
| Clear Diffuse | CD |
| White (White painted flange only) | WH |
| Flange Finish | |
| Non-Painted (Clear diffuse only) | NP |
| Black Painted | BP |
| White Painted | WP |

LUMEN PERFORMANCE MULTIPLIER CHART - ROUND DOWNLIGHT

| Option | Description | Ordering Code | Multiplier |
|-------------------|-----------------------------|---------------|------------|
| Trim Type | Round Trimless | RT | 1.01 |
| | Round Overlap | RO | 0.98 |
| Color Temperature | 2700K, 90+ CRI | 927K | 0.93 |
| | 3000K, 90+ CRI | 930K | 1.00 |
| | 3500K, 90+ CRI | 935K | 1.00 |
| | 4000K, 90+ CRI | 940K | 1.08 |
| Optic | Tall Cone with 50° cut-off | DNT | 0.94 |
| | Short Cone with 60° cut-off | DNS | 1.00 |
| Distribution | Narrow Flood | NFL | 1.04 |
| | Flood | FL | 1.00 |
| | Wide Flood | WFL | 1.00 |
| Color | Clear Diffuse | CD | 1.00 |
| | White | WH | 1.13 |