

5CCT SELECTABLE COMMERCIAL LED DOWNLIGHT

DESCRIPTION:

The 5CCT Selectable Commercial LED Downlight is a versatile recessed lighting solution designed for both new construction and retrofit applications. Featuring field-selectable wattage, five selectable color temperatures (5CCT), and an adjustable beam angle, it provides the flexibility to meet a wide range of commercial lighting requirements. Engineered with a die-cast aluminum heat sink, COB LED light source with Bridgelux chips, and a precision Fresnel optical lens, this fixture delivers reliable performance, smooth dimming, and long-lasting illumination for commercial, retail, hospitality, healthcare, education, and multifamily applications.



FEATURES:

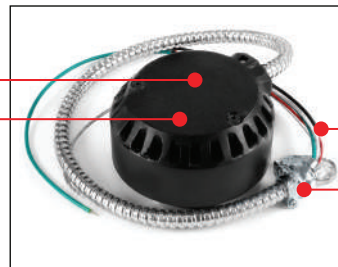
- Field-selectable wattage and 5CCT settings for versatile lighting applications.
- Adjustable beam angle for flexible light distribution.
- COB LED light source with Bridgelux chips.
- Precision optical design for uniform, low-glare illumination.
- Smooth 0-10V and TRIAC dimming compatibility.
- Die-cast aluminum heat sink for efficient thermal management.
- Housing-free design for new construction and retrofit installations.
- Spring-action mounting clips and quick-connect wiring for simplified installation.
- Suitable for wet-location applications.
- Long-life LED performance.

APPLICATIONS:

- General Recessed Lighting
- Commercial Offices
- Conference & Meeting Rooms
- Hallways & Corridors
- Retail Environments
- Hospitality Spaces
- Healthcare Facilities
- Education Facilities
- Multifamily Residential



5CCT Selectable
Five Selectable CCTs
Selectable Wattage
Field Adjustable Wattage



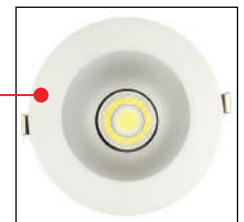
Universal Voltage & Dimming
120-277V AC
0-10V & TRIAC

Quick-Connect Wiring
Fast & Secure Connections

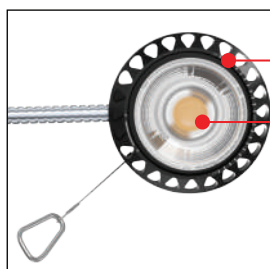
Housing-Free Design
Spring-Action Mounting Clips



Matte White Finish



Air-Tight Construction
Air-Tight Rated



Adjustable Beam Angle
Twist Lens Design

COB LED Technology
Bridgelux COB LED



Twist-On Installation
Quick & Secure Assembly

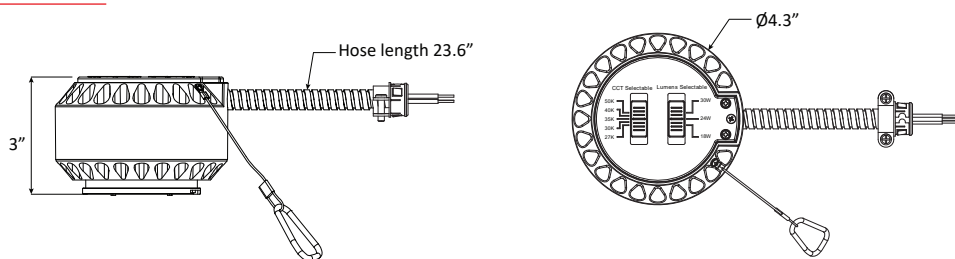


Twist-Lock Mechanism
Secure twist-lock installation.

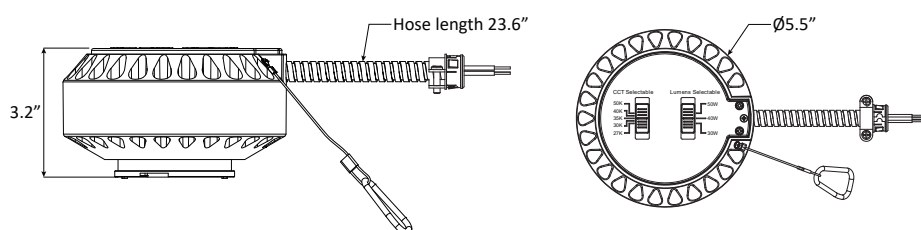
TECHNICAL SPECIFICATIONS:

SKU	NUR-CDL-25LM-5CCT-DIM	NUR-CDL-45LM-5CCT-DIM
Selectable Wattage	18W / 24W / 30W	30W / 40W / 50W
Lumen Output	1,800 / 2,400 / 2,700 lm	3,000 / 4,000 / 4,550 lm
Input Voltage	120–277V AC, 50/60Hz	
Color Temperature (CCT)	2700K / 3000K / 3500K / 4000K / 5000K	
Color Rendering Index	CRI 90	
Beam Angle	Adjustable 24°–60°	Adjustable 36°–65°
Lens	Precision Fresnel Optical Lens	
Cutoff Angle	30°	
UGR	<19 (UGR <16 at 24° beam angle)	<19
LED Source	COB LED with Bridgelux Chips	
Efficacy	70–100 lm/W (CRI 90)	
Power Factor	>0.95	
THD	<20%	
Surge Protection	2.5kV Ring Wave	
Housing Material	Die-Cast Aluminum Heat Sink	
Finish	Matte White	
Compatible Reflector Sizes	4", 6", 8", & 10" Round	6", 8", & 10" Round
Location Rating	Wet Location	
Insulation Rating	IC Rated (1,800 & 2,700 lm Models); Non-IC for Others	Non-IC Rated
Operating Temperature	-13°F to 104°F	
Rated Life	>50,000 Hours (L70 TM-21)	
Warranty	5-Year Limited Warranty	
Certifications	ETL Listed, FCC, RoHS, JA8	

DIMENSIONS:



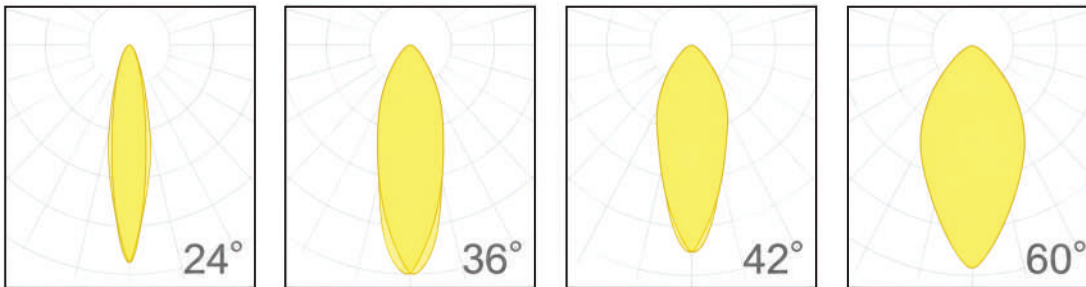
Compatible with 4", 6", 8", and 10" Reflectors



Compatible with 6", 8", and 10" Reflectors

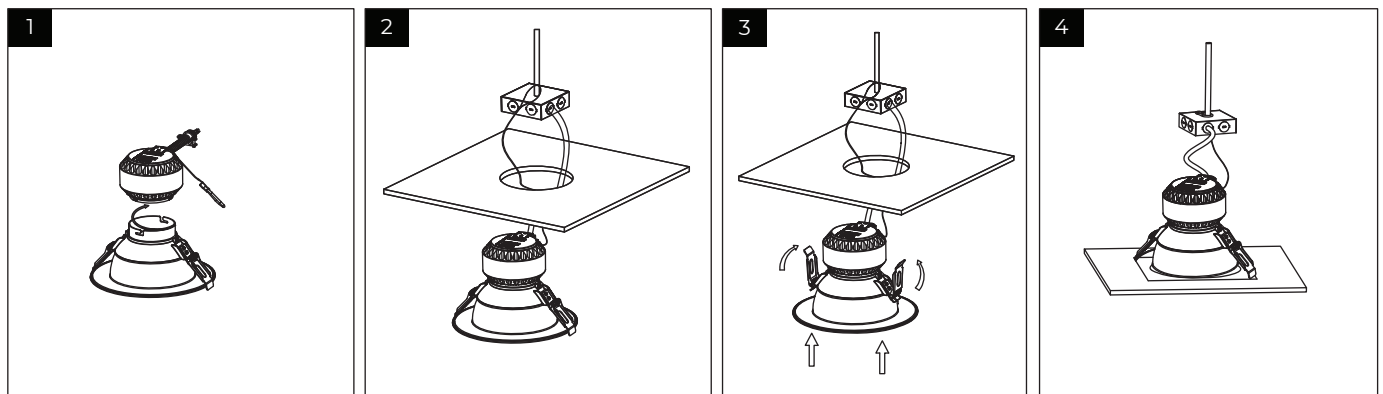
PHOTOMETRIC DISTRIBUTION - LIGHT INTENSITY DISTRIBUTION (CANDELAS):

The diagrams below illustrate the relative light intensity and beam distribution for the available beam angle options.



INSTALLATION GUIDE:

Designed for quick installation in new construction and retrofit applications without the need for a housing.



IMPORTANT SAFETY INFORMATION:

- Read all product specifications and installation instructions before use.
- Verify that the product is suitable for the intended application and installation environment.
- Confirm that the power supply meets the product requirements before installation.
- Disconnect power before installation, maintenance, or servicing to reduce the risk of electric shock.
- Installation and servicing should be performed by qualified personnel in accordance with applicable electrical codes and regulations.
- Do not modify or misuse the product, as this may result in equipment damage, product failure, or personal injury.
- If the external wiring is damaged, it must be replaced by the manufacturer, an authorized service provider, or similarly qualified personnel.
- Handle the product with care during transportation, installation, and operation. Avoid impact, excessive force, or placing heavy objects on the fixture.
- Plan the lighting layout and electrical load before installation to ensure proper performance and safe operation.

ORDERING GUIDE:

SKU: NUR-CDL-25LM/45LM-5CCT-DIM				
Brand	Product	Lumens	Color Temperature	DIM
NUR	CDL (Commercial Downlight)	25LM 45LM	5CCT	Dimmable

ACCESSORIES - SOLD SEPARATELY:

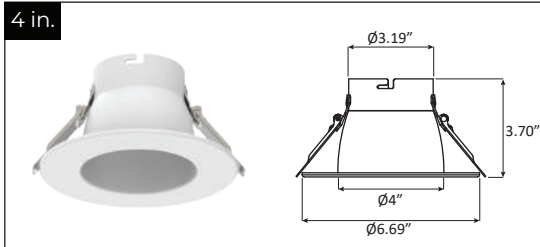
ROUND REFLECTOR TRIMS:

Compatible with CDL Series LED light engines. Available in 4", 6", 8", and 10" sizes with a matte white architectural finish.

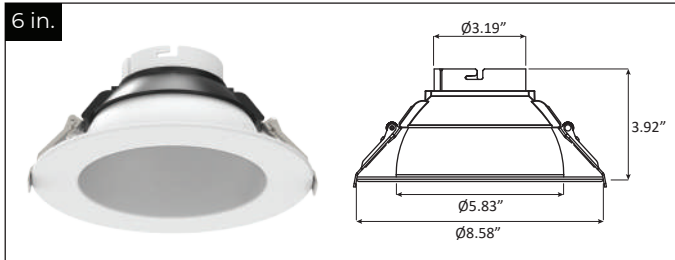
SKUs:

NUR-CDL-TRIM-4-R
NUR-CDL-TRIM-6-R
NUR-CDL-TRIM-8-R
NUR-CDL-TRIM-10-R

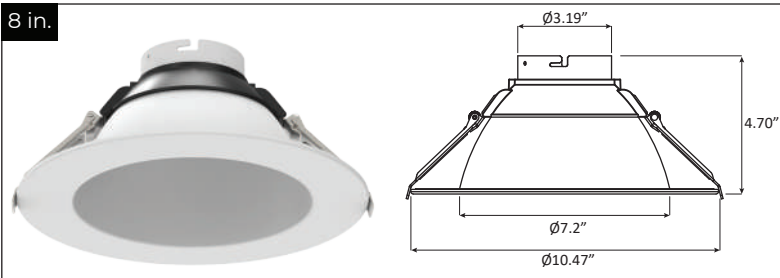
4 in.



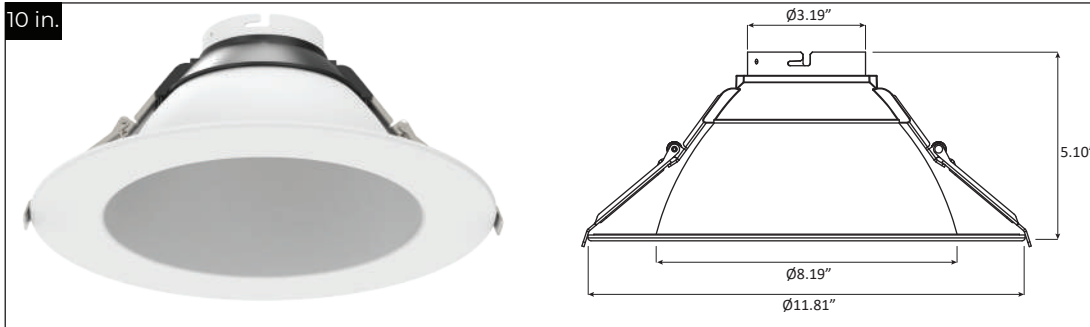
6 in.



8 in.



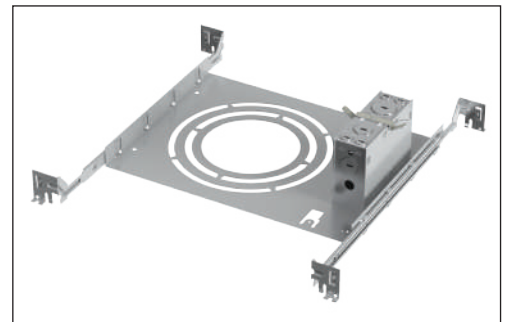
10 in.



UNIVERSAL MOUNTING PLATE:

Heavy-duty universal mounting plate designed for use with 4", 6", and 8" trim installations. Compatible with CDL Series downlights for new construction applications.

SKU: NUR-CDL-UNI-PLATE



Notes: