

NICOR[®] | **LED**

Commercial Recessed **LED** Downlight
CLR6 | CLR8



Efficient, Adaptable Illumination

CLR6 | CLR8

Commercial Recessed **LED** Downlight

Versatility Makes Installation Easy

Housings and frames are a thing of the past with the CLR Commercial Recessed LED Downlight Series. Designed for both new construction and retrofit applications, the CLR Series can be installed directly into drywall, a ceiling grid or an existing 6" or 8" CFL mounting frame with its spring loaded retention tabs and a J-box cable connection. Offering a full range of dimming from 0-10 volts, the base fixture is white but has available trims in nickel, oil-rubbed bronze and black, making it adaptable to most any environment. The versatility of this light source is perfect for commercial applications, such as educational and governmental facilities, retail and grocery lighting, offices or hospitality.

Performance

Provides cool operation without emitting UV radiation or heat

LED Driver

Built-in LED driver with coil whip attachment makes install easy

Easy Installation

Fixture pops into place with adjustable spring loaded retention tabs and does not require a housing or frame



High Efficiency LEDs

High performance driver delivers optimum lumens per watt

Size Options

The CLR Series has 6" or 8" options for your light distribution needs



CLR

Ordering Information

Construction

Cast aluminum heat sink
Matte white plastic trim
Certified for direct contact with insulation

Optical System

Polystyrene diffuse creates uniform light distribution that reduces glare without sacrificing lumen output.

Electrical

Universal input 120-277VAC
Driver delivers full-range dimming from 0 - 10VDC
Silent and flicker-free operation
Tight LED binning ensures color uniformity
Operating temperature of 0° to 120°F (-18°C to 49°C)
Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
TM-21 Reported L70(10k) life >60,000 hours
TM-21 Calculated L70(10k) life = 60,000 hours
LM-79, LM-80 testing performed in accordance with IESNA standards

Installation

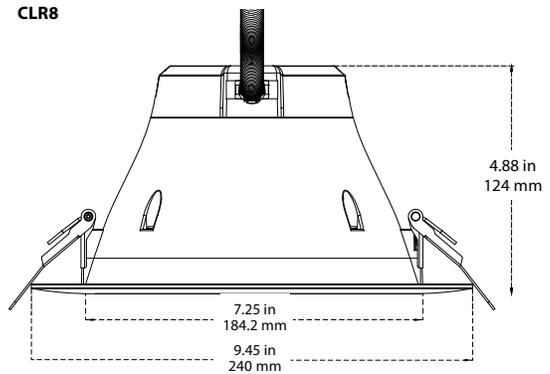
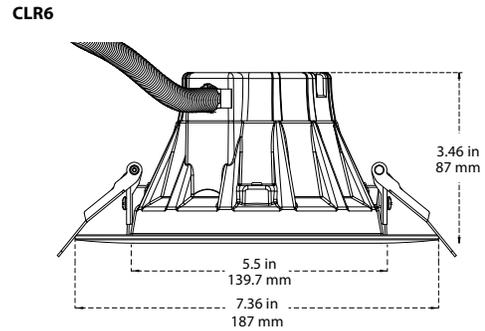
Easy installation into most 6" or 8" incandescent or fluorescent frames
Adjustable, spring loaded retention tabs ensure secure fixture retention
Extension ring available to cover 8" opening
Housing or frame not needed for new construction installation.
Metal rough-in templates available
Suitable for wet locations
For installations where power surge may be possible, NICOR recommends installing additional surge protection at the fixture or electrical distribution panel

Finish

Matte white, smooth plastic trim
Color trims available in Aged Copper, Black, and Brushed Nickel

Warranty

5-year limited system warranty standard
Warranty does not cover product failure due to an over voltage event (power surge)



Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
CLR6-10-UNV-27K	983	10.0	98.3
CLR6-10-UNV-30K	1001	10.0	100.3
CLR6-10-UNV-35K	1025	10.0	102.8
CLR6-10-UNV-40K	1051	10.0	105.3
CLR6-10-UNV-50K	1059	10.0	106.1
CLR6-1015-UNV-27K	1684	16.8	100.2
CLR6-1015-UNV-30K	1714	16.8	102
CLR6-1015-UNV-35K	1756	16.8	104.5
CLR6-1015-UNV-40K	1800	16.8	107.2
CLR6-1015-UNV-50K	1814	16.8	108.0
CLR8-10-UNV-27K-WH	2229	25.7	86.8
CLR8-10-UNV-30K-WH	2269	25.7	88.3
CLR8-10-UNV-35K-WH	2325	25.7	90.5
CLR8-10-UNV-40K-WH	2382	25.7	92.7
CLR8-10-UNV-50K-WH	2400	25.7	93.4



Accessories	
Black 6" Trim	DCR-CLR-56-TR-BK
Nickel 6" Trim	DCR-CLR-56-TR-NK
Aged Copper 6" Trim	DCR-CLR-56-TR-AC
Extension Ring for 8" Frame	CLR6-10-EXT
Rough in Template	ROUGHIN-TEMPLATE-6
Black 8" Trim	CLR8-TR-BK
Nickel 8" Trim	CLR8-TR-NK
Aged Copper 8" Trim	CLR8-TR-AC
Extension Ring	CLR8-10-EXT
Extension Ring & Clips for 10" Frame	CLR8-10-EXT-CLIPS
Rough in Template	ROUGHIN-TEMPLATE-8



CLR Ordering Information				
Series	Lumen Output	Voltage	CCT's	Color
CLR6	10 (Version 1.0)	UNV (120-277V)	27 (2700 K)	WH (White)
CLR8	1015 (1500 Lumen)*		30 (3000 K)	
			35 (3500 K)	
			40 (4000 K)	
			50 (5000 K)	

*Only available for CLR6

Warehouse Locations

Albuquerque, NM
Atlanta, GA
Detroit, MI
Hayward, CA

Houston, TX
Miami, FL
San Antonio, TX
Syracuse, NY

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LIT-CLR-1118

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