

## 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

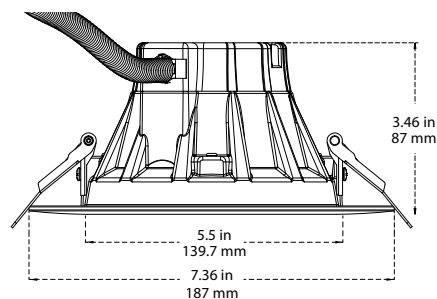
### Finish

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

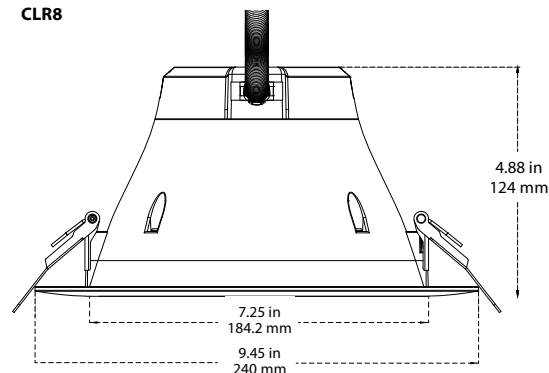
### Warranty

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

CLR6



CLR8

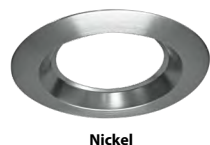


### Performance Data

| 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        |



Black



Nickel



Aged-Copper

### 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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