

NICOR® CDG Modular LED Downlight

Features & Benefits

DESIGN & APPLICATION

- The Modular design allows for easy customization, adapting to various spaces and aesthetic preferences.
- Field-swappable mounting collars for both 4" and 6" trim reflectors allows for flexibility during installation and future upgrades.
- The frameless retrofit option utilizing pre-installed retention clips simplifies installation for existing commercial frames or frameless setups.
- Multiple finishes available, including Specular Smooth (6") and Specular Prismatic (4"), cater to different design and ambiance requirements.
- Wall wash lens accessory enhances directional lighting, providing a polished and focused illumination.

HIGH PERFORMANCE LED TECHNOLOGY

- Selectable wattage and color temperature options (5 CCT and 3 Wattage) provide adaptability to different lighting needs.
- 0-10V dimming capability allows for full-range control, accommodating various brightness preferences.
- Integration with Bluetooth control via the NICOR NLC app offers convenient wireless control and automation.
- 12V accessory wire for Bluetooth control enhances user experience, providing seamless connectivity.
- Emergency backup options (4W or 8W) ensure added safety and security during power outages.

PRECISION OPTICS

- Field-adjustable optics ranging from 36° to 60° enable customization for a wide array of lighting scenarios.
- Optional narrow optics (22°-36°) offer a more focused light distribution, ideal for specific accent or task lighting needs.
- Clip-on, rotatable wall wash lens adds versatility, allowing for precise control of light direction.
- High CRI (Color Rendering Index) of 90 ensures accurate color representation, enhancing the overall visual appeal.
- Reflectors with cutoff angles of 55° (6") and 50° (4") contribute to controlled and efficient light dispersion.

INCREASED ROI

- Energy-efficient LED technology and dimming capabilities contribute to reduced energy consumption, translating to cost savings.
- Long lifespan exceeding 50,000 hours (TM-21 Reported L70) minimizes maintenance costs and replacements.
- Versatile design and retrofit options future-proof the lighting system, potentially reducing upgrade costs.
- Compliance with California Title 24/JA8 standards may make the system eligible for utility rebates and incentives.
- Robust construction materials ensure durability, minimizing the likelihood of early replacements and associated costs.

FLEXIBLE CONTROL

- Compatibility with NLC and Bluetooth Low Energy (BLE) mesh network allows for Luminaire Level Lighting Control.
- User-friendly NICOR NLC app (iOS and Android) provides convenient and flexible control options.
- Full dimming control, coupled with occupancy and daylight harvesting functions, enhances user experience and energy efficiency.
- Configurability through the NICOR NLC app offers tailored lighting solutions for different scenarios.
- Integration of additional surge protection, as recommended, ensures a more robust and reliable control system, safeguarding against power surges.

ENVIRONMENTALLY FRIENDLY

- LED technology, coupled with energy-efficient features, contributes to a lower carbon footprint compared to traditional lighting.
- RoHS compliance reflects a commitment to environmentally responsible manufacturing processes.
- Reduced light pollution and precise control options support eco-friendly lighting practices.
- Energy efficient, aligning with sustainability goals.
- Durable construction materials contribute to longer product life, reducing overall environmental impact.

INSTALLATION VERSATILITY

- Field-interchangeable mounting frame collars simplify the installation process for various trim options.
- Mounting brackets with adjustable arms accommodate different joist spacings, providing flexibility in installation.
- Retrofit model compatibility allows for easy integration into existing commercial frames or frameless installations.
- Butterfly brackets (accessory) provide an alternative mounting option, catering to different installation preferences.
- Trim/light engine mount with torsion springs ensures secure and straightforward installation, reducing labor time and costs.

