Date

### DCG4

# 4" Gimbal Recessed LED Downlight

### **Product Description**

The DCG LED Downlight Gimbal Series provides an economical, easy-to-install upgrade from incandescent lighting to a long-lasting and energy-efficient LED solution. Its easy to use twist-and-turn design allows for fine adjustment of the gimbal position. The 354 degrees of rotation and 35 degrees of adjustable tilt makes the DCG suitable for sloped ceilings and wall wash. The sleek design enhances any interior space with its flush mounting and aesthetic appeal.

#### Construction

- · Durable aluminum flange
- · Die cast aluminum heat sink
- Spring-steel, friction fit mounting arms

#### **Optical System**

- Polystyrene diffuser creates uniform light distribution with reduced glare
- Internal reflector cone maximizes lumen output

#### **Electrical**

- Input voltage 120VAC
- Dimmable to less than 5% with recommended TRIAC dimmers
- Operating temperature of 0° to 104°F (-18°C to 40°C)
- TM-21 Reported L70(10K) hours = 56,000
- LM-79, LM-80 testing performed in accordance with IESNA standards
- Meets FCC Part 15, Subpart B, Class B standards for conducted and radiated emissions

#### Mounting and installation

- Compatible with most 4" recessed housings
- Suitable for IC rated housings
- Quick and easy installation with a screw-in Edison base (GU24 socket string available) and friction clip mounting system

#### **Finish**

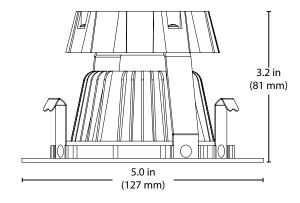
• Matte white powder coat

#### Warranty

- · 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge.) For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Project			
Catalog			
Туре			













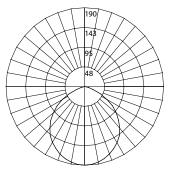




### **Photometric Data**

## **DCG4 2700K**

| Input Voltage (VAC) | 120V | System Level Power (W) | 7.5 | Delivered Lumens (Lm) | 534 | System Efficacy (Lm/W) | 71.4 | Correlated Color Temp (K) | 2722 | Color Rendering Index (CRI) | 93 R9 =59 | Beam Angle | 113° | Spacing Criteria | 1.26



Intensity Summary (Candle Power)			
Angle Mean CP			
0	190		
5	189		
15	183		
25	170		
35	151		
45	128		
55	100		
65	67		
75	31		
85	3		
90	0		

CCT Data Multiplier			
DCG421203K	1.020		
DCG421204K	1.058		
DCG421205K	1.071		

Cone of Light Tabulation				
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)		
4	11.5	5.0		
6	5.1	7.6		
8	2.9	10.1		
10	1.9	12.6		
12	1.3	15.1		
14	0.9	17.6		
16	0.7	20.1		

Zo	nal Lumen Summa	ry
Zone	Lumens	% of Luminaire
0-30	148	27.7%
0-40	243	45.4%
0-60	430	80.5%
0-90	534	100%
90-180	0	0%
0-180	534	100%

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture. Results may vary in the field.

Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
DCG421202K	534	7.5	71.4
DCG421203K	545	7.5	72.8
DCG421204K	565	7.5	75.5
DCG421205K	572	7.5	76.4

Recommended Dimmers*	Housing Compatibility*		
Lutron Maestro MACL-153M	19000A-LED-ID	4" LED IC AIRTIGHT NEW CONSTRUCTION HOUSING	
Lutron Diva DVELV-300P	19001AR-LED-ID	4" LED IC AIRTIGHT REMODEL HOUSING	
Lutron Skylark SELV-300P	MOST STANDARD 4"HOUSINGS		
Legrand Adorne SofTap ADTP703TUW4			
Leviton C22-06672-1LW			

\*Not a complete list. Check compatibility before installation.

Ordering Information				Example: DCG421202KWI	
Series	Version	Voltage	CCT's	Trim	
DCG4	2	120	<b>2K</b> (2700 K)	WH	
			<b>3K</b> (3000 K)		
			<b>4K</b> (4000 K)		
			<b>5K</b> (5000 K)		

Specifications and dimensions subject to change without notice.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- —Reorient or relocate the receiving antenna.
- —Increase the separation between the equipment and receiver.
- —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- —Consult the dealer or an experienced radio/TV technician for help.

