

# DCG6

## 6" 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 polymer flange
- Die cast aluminum heat sink
- Fully captured, spring-steel 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

#### Installation

- Compatible with most 6" recessed housings
- Suitable for IC rated housings
- Quick and easy installation with a screw-in Edison base (GU24 socket string available) and torsion spring mounting system

#### Finish

- Matte white polymer

#### Warranty

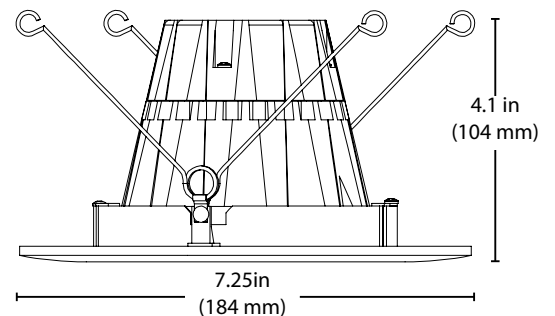
- 5-year limited system warranty standard

Project

Catalog

Type

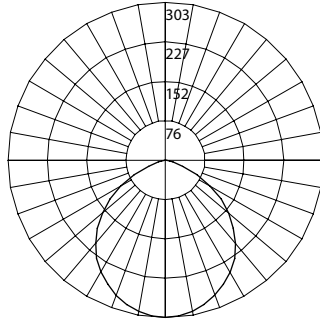
Date



## Photometric Data

### DCG6 2700K

Input Voltage (VAC)	120
System Level Power (W)	10.4
Delivered Lumens (Lm)	832
System Efficacy (Lm/W)	80.0
Correlated Color Temp (K)	2692
Color Rendering Index (CRI)	93 R9 = 59
Beam Angle	113°
Spacing Criteria	1.28



#### Intensity Summary (Candle Power)

Angle	Mean CP
0	303
5	302
15	292
25	271
35	242
45	205
55	160
65	102
75	36
85	3
90	0

#### CCT Data Multiplier

DCG621203K	1.020
DCG621204K	1.058
DCG621205K	1.071

#### Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	19.0	5.1
6	8.4	7.6
8	4.7	10.1
10	3.0	12.6
12	2.1	15.2
14	1.5	17.7
16	1.2	20.2

#### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	236	28.4%
0-40	387	46.6%
0-60	688	82.8%
0-90	832	100%
90-180	0	0%
0-180	832	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
DCG621202K	832	10.4	80.0
DCG621203K	848	10.4	81.6
DCG621204K	880	10.4	84.7
DCG621205K	891	10.4	85.7

#### Recommended Dimmers\*

Lutron Diva DVELV-300P  
Lutron Diva DVCL-153P  
Lutron Radio RA RRD-6CL  
Lutron Skylark SEVL-300P  
Lutron Skylark SCL-153P

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

#### Housing Compatibility\*

17014A-LED-ID 6" LED IC AIRTIGHT NEW CONSTRUCTION HOUSING  
17014AR-LED-ID 6" LED IC AIRTIGHT REMODEL HOUSING  
MOST STANDARD 6" HOUSINGS

## Ordering Information

Example: DCG621202KWH

Series	Version	Voltage	CCT's	Trim
DCG6	2	120	2K (2700 K)	WH
			3K (3000 K)	
			4K (4000 K)	
			5K (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.