## **DLR56**

# 5"& 6" Recessed LED Downlight

## **Product Description**

The DLR56 from NICOR is a 5" & 6" recessed LED downlight that is ideal for both retrofit and new construction alike. Redesigned to boost energy efficiency, the LED light engine draws only 13 watts while producing over 800 lumens. The enriched 90+ CRI provides superior color quality, along with an R9 greater than 60\*. Not only is the light quality better, but this design improvement meets new industry standards like Title 24.

### Construction

- · Spun aluminum trim routes heat away from electrical components
- Low profile, integrated driver, allows for use in shallow housings

### **Optical System**

• Polystyrene diffuser and reflector cone create a uniform light distribution that reduces glare without sacrificing lumen output

- $\bullet$  Utilizes high performing LEDs with greater than 90 CRI and an R9 greater than  $60^{\ast}$
- Dimmable to 5% with most standard triac dimmers
- Operating temperature rating of 0°F to 120°F (-18°C to 49°C)
- Input voltage of 120V
- Lifetime rated for greater than 53,000 hours
- 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.

- Exterior white powder coat finish, with interior high reflective finish
- · Also available in Black, Oil-Rubbed Bronze and Nickel

### Installation

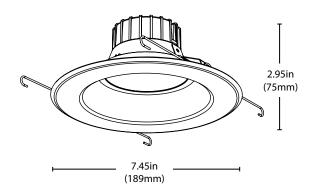
- Compatible with most 5" and 6" recessed housings
- Quick and easy installation with a screw-in Edison base (GU24 socket string available) and torsion spring mounting system

· 5-year limited system warranty standard

\* not available in 5000K

Project			
Date			
Date			
_			
Type			
Date			













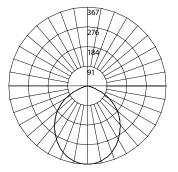




# **Photometric Data**

## DLR56 2700K 800Lm

Input Voltage (VAC)	120V
System Level Power (W)	12.4
Delivered Lumens (Lm)	845
System Efficacy (Lm/W)	68.1
Correlated Color Temp (K)	2774
Color Rendering Index (CRI)	93
Beam Angle	98°
Spacing Criteria	1.18



Intensity Summary (Candle Power)				
Angle	Mean CP			
0	367			
5	365			
15	347			
25	312			
35	265			
45	212			
55	151			
65	79			
75	17			
85	4			
90	0			

/5	17				
85	4	70	nal Lumen Summa	rv	
90	0	25	Zonai Lumen Summary		
		Zone	Lumens	% of Luminaire	
CCT Data Multiplier		0-30	276	32.7%	
		0-40	442	52.3%	
DLR56-3008-120-3K	1.020	0-60	741	87.6%	
DLR56-3008-120-4K	1.072	0-90	844	99.8%	
DLN30-3006-120-4N	1.072	90-180	1	0.2%	
DLR56-3008-120-5K	1.182	0-180	845	100.0%	

Mounted height

(Feet)

6

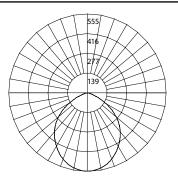
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12

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

### DLR56 2700K 1200Lm

Input Voltage (VAC)	120V
System Level Power (W)	18.0
Delivered Lumens (Lm)	1230
System Efficacy (Lm/W)	68.3
Correlated Color Temp (K)	2727
Color Rendering Index (CRI)	93
Beam Angle	98°
Spacing Criteria	1.18



Intensity Summary (Candle Power)				
Angle	Mean CP			
0	554			
5	551			
15	523			
25	471			
35	402			
45	319			
55	212			
65	93			
75	24			
85	6			
90	1			

CCT Data Mult	iplier
DLR56-3012-120-3K	1.020
DLR56-3012-120-4K	1.072
DLR56-3012-120-5K	1.182

Cone of Light Tabulation						
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)				
4	34.6	4.7				
6	15.4	7.1				
8	8.7	9.4				
10	5.5	11.8				
12	3.8	14.2				
14	2.8	16.5				
16	2.2	18.9				

Cone of Light Tabulation

Footcandles

Beam Center

23.0

10.2

5.7

3.7

2.5

1.9

Diameter

(Feet)

4.7

7.1

9.4

11.8

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16.5 18.9

Zonal Lumen Summary					
Zone	Lumens	% of Luminaire			
0-30	417	33.9%			
0-40	668	54.3%			
0-60	1101	89.5%			
0-90	1230	100.0%			
90-180	0	0.0%			
0-180	1230	100.0%			

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Performance Data						
Model Number	Lumens	Watts	Lumens/Watt			
DLR56-3008-120-2K	845	12.4	68.1			
DLR56-3008-120-3K	864	12.4	69.5			
DLR56-3008-120-4K	905	12.4	73.0			
DLR56-3008-120-5K	999	12.4	80.6			
DLR56-3012-120-2K	1230	18.0	68.3			
DLR56-3012-120-3K	1254	18.0	69.7			
DLR56-3012-120-4K	1318	18.0	73.2			
DLR56-3012-120-5K	1454	18.0	80.8			

Recommended Dimmers*
Lutron Skylark SCL-153P
Lutron DIVA DVCL-153P
Lutron DIVA DVELV-300P
Lutron DIVA DVELV-303P
Lutron Skylark SELV-300P

Lutro	on Skyl	ark SE	LV-300P			
t a come	nlata lict	Charl	k compatib	ility hafa	ro inctalle	ation

	Housing Compatibility*
17014-LED-ID	6" LED IC AIRTIGHT NEW CONST. HOUSING
17014AR-LED-ID	6" LED IC AIRTIGHT REMODEL HOUSING
	MOST 5" OR 6" RECESSED HOUSINGS



Ordering Information			Example: DLR56-3008-120-3K-WH	
Series	Version	Voltage	CCT's	Trim Color
DLR56	<b>3008</b> (800Lm)	<b>120</b> (120V)	<b>2K</b> (2700 K)	<b>WH</b> (White)
	<b>3012</b> (1200Lm)		<b>3K</b> (3000 K)	<b>WH-BF</b> (White Baffle)*
			<b>4K</b> (4000 K)	BK (Black)
			<b>5K</b> (5000 K)	NK (Nickel)
				<b>OB</b> (Oil-Rubbed Bronze)

<sup>\*</sup>Baffle available on 2K and 3K only

Specifications and dimensions subject to change without notice.

Accessories	accessories sold separately
GI 124 Socket String	GLI24-IDEAL-SKT-STR



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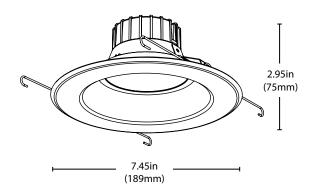
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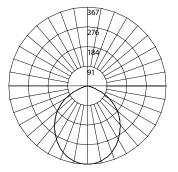




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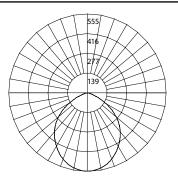
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