

DLS56 900 Lumen

Surface Mount LED Downlight

Project _____

Date _____

Type _____

Product Description

The DLS56 from NICOR® is the perfect LED downlight for surface mount applications. With the DLS all that is required for installation is a 4/O J-box. If there is already a housing in place, don't fret - the DLS is versatile enough for use in most 5" and 6" recessed housings. Upgrading to energy efficient LED lighting has never been easier, or more affordable. The DLS is dimmable to 10%, suitable for use in wet locations, and available in 2700K, 3000K, or 4000K color temperatures. The NICOR DLS provides superior efficacy and a longer life than compact fluorescents, with the pleasant light quality you expect from an incandescent lamp.

Construction

- Die cast aluminum trim routes heat away from electrical components
- Low profile, integrated driver, allows for surface mount installation of 4/O J-box

Optical System

- White polycarbonate diffuser eliminates hot spots creating a pleasantly uniform light distribution

Electrical

- Utilizes high performing LEDs with greater than 90 CRI and an R9 greater than 50
- Dimmable to 10% with most standard dimmers
- Thermally protected, high efficiency driver
- Operating temperature rating of 0°F to 120°F (-18°C to 49°C)
- Input voltage of 120V
- Lifetime rated for greater than 50,000 hours
- LM79, LM-80 testing performed in accordance with IESNA standards

Finish

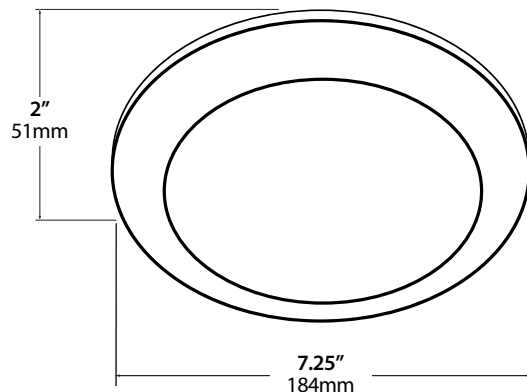
- Exterior white powder coat finish

Installation

- Compatible with most 5" and 6" recessed housings
- Quick and easy installation with a screw-in Edison base (GU24 socket string available) and snap-in mounting bracket over a plastic or metal 4/O J-box

Warranty

- 5-year limited system warranty standard



PRODUCT INFORMATION

LED Lifetime:	50,000 Hours
Input Voltage:	120V
Power Draw:	14.76W
Fixture Height:	2 in (51 mm)
Trim Width:	7.25 in (184 mm)



Ordering Information

Example: DLS56-2009-120-3K-WH

Series	Version	Voltage	CCT's	Trim Color
DLS56	2009 (v 2.0)	120 (V)	2K (2700)	WH (white)
			3K (3000)	
			4K (4000)	

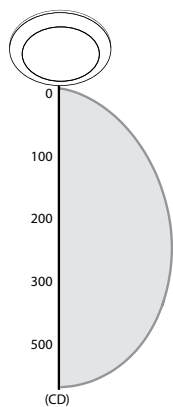
Photometric Data - Type C Gonio Photometer

DLS56 900Lm 2700K

Luminaire	2700K
Input Voltage (VAC)	120
System Level Power (W)	14.76
Delivered Lumens (Lm)	1015
System Efficacy (Lm/W)	68.77
Correlated Color Temp (K)	2730
Color Rendering Index (CRI)	95 R9=64

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	276	27.60%
0-40	446	44.60%
0-60	770	77.00%
0-90	1015	100.00%
90-180	0	0%
0-180	1015	100.00%

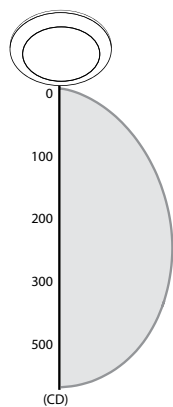


DLS56 900Lm 3000K

Luminaire	3000K
Input Voltage (VAC)	120
System Level Power (W)	14.76
Delivered Lumens (Lm)	1025
System Efficacy (Lm/W)	69.44
Correlated Color Temp (K)	2992
Color Rendering Index (CRI)	94 R9=64

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	283	27.60%
0-40	457	44.60%
0-60	789	77.00%
0-90	1025	100.00%
90-180	0	0%
0-180	1025	100.00%



DLS56 900Lm 4000K

Luminaire	4000K
Input Voltage (VAC)	120
System Level Power (W)	14.76
Delivered Lumens (Lm)	1070
System Efficacy (Lm/W)	72.49
Correlated Color Temp (K)	3961
Color Rendering Index (CRI)	95 R9=64

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	291	27.60%
0-40	471	44.60%
0-60	812	77.00%
0-90	1070	100.00%
90-180	0	0%
0-180	1070	100.00%

