

# DSK56

## Driverless Surface Mount LED Downlight

### Product Description

The DSK Driverless Surface Mount LED Downlight is our thinnest installation solution designed to fit the tightest of spaces. The driverless technology allows this fixture to fasten to most any 4" pancake, non-metallic or 4/O junction box eliminating the need for recessed housing. Simply remove the twist lock diffuser and set your included captive screws.

#### Construction

- Twist lock diffuser allow for easy removal during installation
- Spun aluminum housing

#### Optical System

- Polystyrene diffuser and high reflectivity cover maximizes light output while reducing glare, creating uniform light distribution

#### Electrical

- Input voltage of 120VAC
- Utilizes high performing LEDs with a greater than 90 CRI and an R9 greater than 50
- Dimmable to less than 10% with specific TRIAC dimmers.
- Operating temperature of 0° to 120°F (-18°C to 49°C)
- TM-21 Reported L70(6K) hours >54,000
- LM-79, LM-80 testing performed in accordance with IESNA standards

#### Finish

- Matte white powder coat finish.

#### Mounting and Installation

- Easy installation in any 4" pancake, 4" non-metallic or 4/O junction box
- Suitable for use in closets
- Keyhole mounting slots allow for quick installation to junction boxes
- Suitable for wet locations
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel
- Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)

#### Warranty

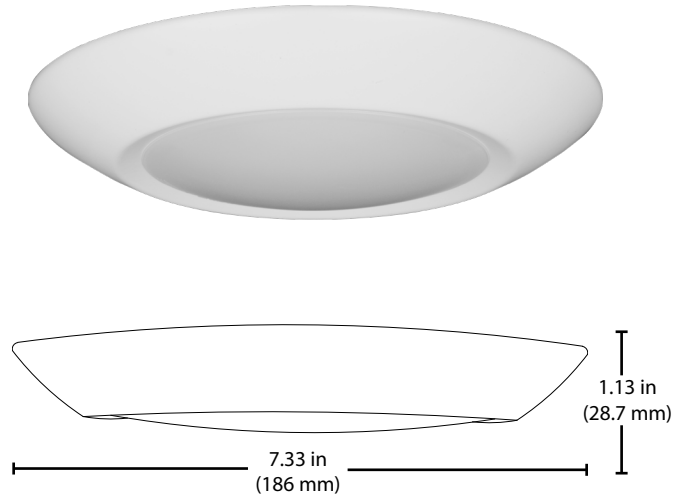
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

Project

Catalog

Type

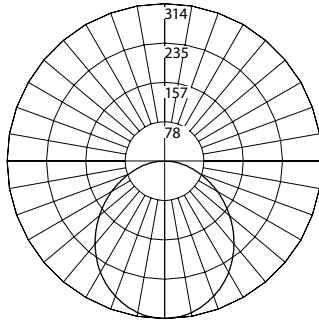
Date



## Photometric Data

### DSK56 2700K

Input Voltage (VAC)	120V
System Level Power (W)	14.8
Delivered Lumens (Lm)	817
System Efficacy (Lm/W)	55.3
Correlated Color Temp (K)	2714
Color Rendering Index (CRI)	94
Beam Angle	102°
Spacing Criteria	1.20



#### Intensity Summary (Candle Power)

Angle	Mean CP
0	314
5	311
15	298
25	272
35	234
45	188
55	136
65	86
75	47
85	21
90	12

#### CCT Data Multiplier

DSK562081203KWH	1.029
DSK562081204KWH	1.056
DSK562081205KWH	1.078

#### Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	19.6	9.8
6	8.7	14.7
8	4.9	19.6
10	3.1	24.5
12	2.2	29.4
14	1.6	34.3
16	1.2	39.2

#### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	238	29.2%
0-40	385	47.0%
0-60	650	79.5%
0-90	810	99.0%
90-180	8	1.0%
0-180	817	100.0%

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
DSK562081202KWH	817	14.8	55.3
DSK562081203KWH	841	14.8	56.8
DSK562081204KWH	863	14.8	58.3
DSK562081205KWH	881	14.8	59.5

#### Recommended Dimmers\*

Lutron DIVA DVELV-300P  
Lutron DIVA DVELV-303P  
Lutron Skylark SELV-300P

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

#### Housing Compatibility\*

MOST STANDARD 4" NON-METALLIC OR 4/O JUNCTION BOXES

## Ordering Information

Example: DSK562081202KWH

Series	Version	Voltage	CCT's	Trim Color
DSK56	208 (Version 2)	120	2K (2700 K)	WH (white)
			3K (3000 K)	
			4K (4000 K)	
			5K (5000 K)	

Specifications and dimensions subject to change without notice