

DSK8

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
- 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

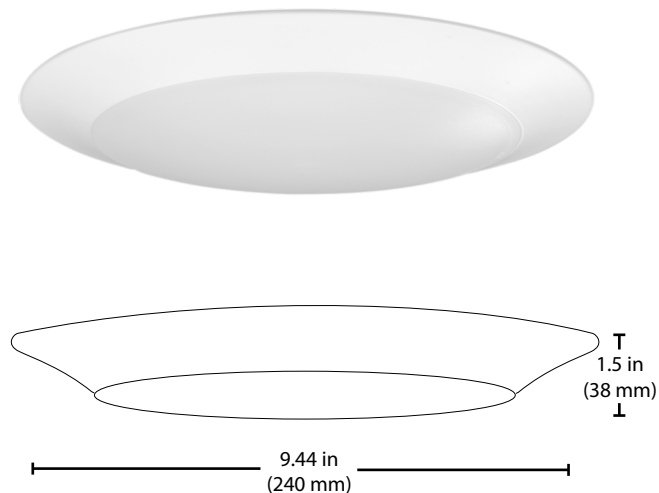
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

Project

Catalog

Type

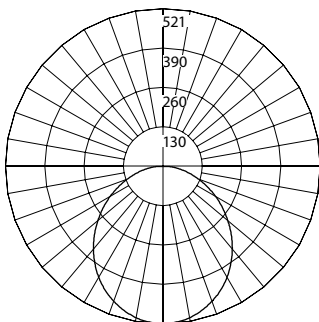
Date



Photometric Data

DSK8 2700K

Input Voltage (VAC)	120V
System Level Power (W)	17.4
Delivered Lumens (Lm)	1185
System Efficacy (Lm/W)	67.9
Correlated Color Temp (K)	2682
Color Rendering Index (CRI)	93
Beam Angle	105°
Spacing Criteria	1.22



Intensity Summary (Candle Power)

Angle	Mean CP
0	521
5	518
15	498
25	460
35	406
45	340
55	264
65	183
75	105
85	42
90	22

CCT Data Multiplier

DSK82121203K	1.029
DSK82121204K	1.056
DSK82121205K	1.078

Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	25.4	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	313	26.4%
0-40	511	43.1%
0-60	899	75.9%
0-90	1165	98.3%
90-180	20	1.7%
0-180	1185	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
DSK82121202K	1185	17.4	67.9
DSK82121203K	1220	17.4	70.1
DSK82121204K	1252	17.4	71.9
DSK82121205K	1278	17.4	73.4

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: DSK82121203KWH

Series	Version	Voltage	CCT's	Trim Color
DSK8	212 (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