

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

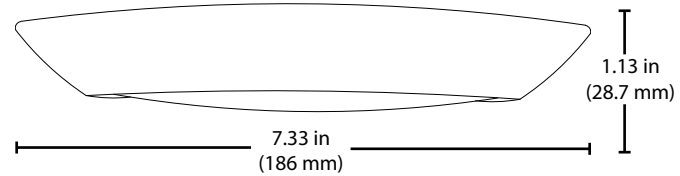
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

Project

Catalog

Type

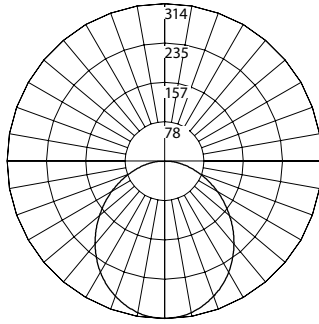
Date



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