

SureFit™ v3

Ultra Slim Surface Mount LED Downlight

Product Description

The newest version of the SureFit™ Ultra Slim Surface Mount LED Downlight features increased lumen output and efficiency while keeping the same installation compatibility. The DLF will fit most standard 4/O, 4" non-metallic new construction or remodel J-Boxes. Simply mount the fixture directly to the J-Box using the keyhole mounting slots and two screws. Detachable round trims and square steel trims offer a seamless finish in both round and square apertures to enhance the visual aesthetic of any living space. The NICOR SureFit™ is the perfect solution for residential and light commercial spaces including living rooms, bedrooms, home theaters, corridors, office, retail and more.

Construction

- Stamped aluminum housing routes heat away from electrical components
- Custom designed, integrated driver allows for use in metallic and non-metallic 4" and 4/O J-Boxes
- Detachable round steel trim
- Optional square die cast aluminum trim

Optical System

- Polystyrene diffuser creates uniform distribution without sacrificing lumen output
- Binned within 4-step MacAdams with $\text{duv} < \pm 0.003$
- Utilizes high performing LEDs with 90+ CRI and an $R9 > 50$

Electrical

- Custom slim driver minimizes installation height
- Input voltage of 120VAC, 60Hz
- Dimmable to less than 5% with compatible leading edge (TRIAC) and trailing edge (ELV) dimmers

Finish

- White powder coat finish standard
- Optional trims available in Black, Nickel, and Oil-Rubbed Bronze

Mounting and Installation

- Easy installation in most 4/O and 4" non-metallic new construction and remodel J-Boxes (a volume of 20in³ or greater is recommended)
- Removable trim allows for easy mounting while providing a seamless trim finish
- Fixture mounts directly to J-Boxes with two screws
- Keyhole slots allow quick and easy installation
- Three three-port poke-in connectors included
- Operating temperature of 0° to 104°F (-18°C to 40°C)

Listings

- LM-79, LM-80 testing performed in accordance with IESNA standards
- UL/cUL1598 Listed for wet locations
- Suitable for use in closets: Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- RoHS Compliant
- Meets FCC Part 15, Subpart B, Class B standards for conducted and radiated emissions
- LED lumen maintenance: L70(9k)>54,000 hrs

Warranty

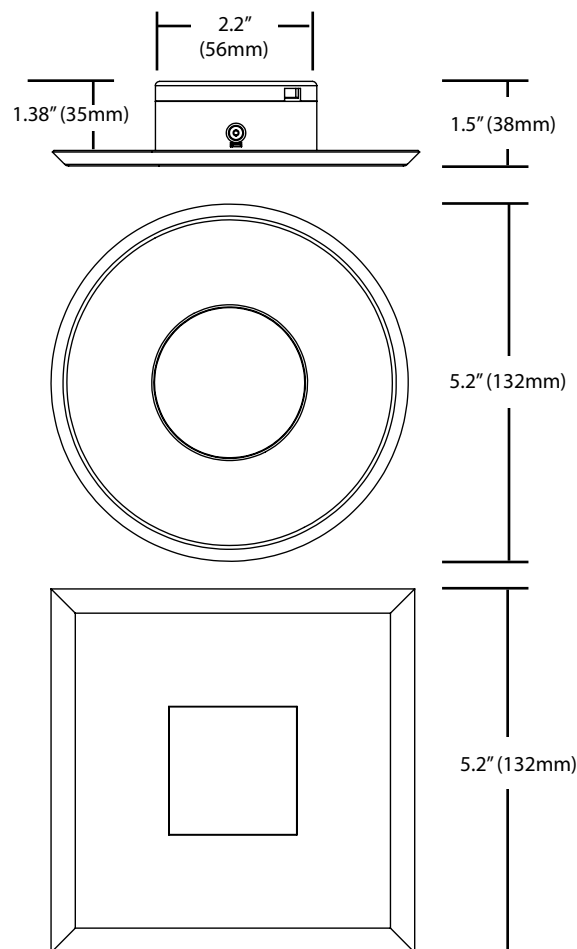
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Project

Catalog

Type

Date

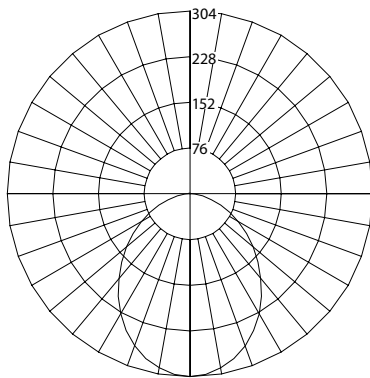


Pat. No.: US 10,508,783

Photometric Data

DLF 2700K

Input Voltage (VAC)	120V
System Level Power (W)	10.1
Delivered Lumens* (Lm)	706
System Efficacy (Lm/W)	69.9
Correlated Color Temp (K)	2689
Color Rendering Index (CRI)	92 R9=52
Beam Angle	94°
Spacing Criteria	1.16



Intensity Summary (Candle Power)

Angle	Mean CP
0	304
5	301
15	284
25	251
35	208
45	160
55	115
65	73
75	39
85	8
90	1

CCT Data Multiplier

DLF301203KWH	1.020
DLF301204KWH	1.058
DLF301205KWH	1.071

Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	18.98	7.4
6	8.43	11.1
8	4.74	14.8
10	3.04	18.5
12	2.11	22.1

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	224	31.7%
0-40	354	50.2%
0-60	582	82.4%
0-90	706	100%
90-180	0	0%
0-180	706	100%

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

Performance Data

Model Number	Lumens*	Watts	Lumens/Watt
DLF301202KWH	706	10.1	69.9
DLF301203KWH	720	10.1	71.3
DLF301204KWH	747	10.1	74.0
DLF301205KWH	756	10.1	74.9

*With round white trim

Recommended Dimmers*

Lutron Diva DVCL-153P
Leviton IPL06
Legrand Adorne SoftTap
Lutron Caseta PD-6WCL
Lutron Skylark SCL-153P

*Not a complete list. Check compatibility before installation.

Housing Compatibility*

4" O Metallic	4" Non-Metallic
Any of depth $\geq 1.5"$	Carlton B620 series Arlington f426 Legrand S120 Series Allied 935X Series

Ordering Information

Example: DLF301203KWH

Series	Version	Voltage	CCT's	Trim Color
DLF	30	120 (120V)	2K (2700 K)	WH (White)
			3K (3000 K)	
			4K (4000 K)	
			5K (5000 K)	

Specifications and dimensions subject to change without notice.

Accessories

Accessories sold separately

Round Nickel Trim	DLF-2-TRIM-RD-NK
Round Oil-Rubbed Bronze Trim	DLF-3-TRIM-RD-OB
Round Black Trim	DLF-3-TRIM-RD-BK
Square Nickel Trim	DLF-2-TRIM-SQ-NK
Square Oil-Rubbed Bronze Trim	DLF-2-TRIM-SQ-OB
Square Black Trim	DLF-2-TRIM-SQ-BK
Square White Trim	DLF-2-TRIM-SQ-WH

*DLFv2 Trims are compatible with the DLFv3