

DLE3

Edge Lit Recessed LED Downlight

Product Description

The DLE Edge Lit LED Downlight Series offers an attractive visual aesthetic with a low profile in both round and square apertures. The edge-lit technology uses a reflective light guide panel that disperses light through a diffused lens, making it a practical and economical solution with high performance. The ultra-thin fixture depth and off-board driver allow for more flexible installation and increased lifetime with improved thermal management. The DLE fixture uses a plenum-rated cable connector to link the downlight module to the remote driver box and then pops into place with its adjustable, spring-loaded retention tabs for a secure fit, eliminating the need for a J-box or recessed housing. Adding light in tight spaces such as hallways, bathrooms, basements, entryways, porches, stairways, work areas, utility closets and corridors just got easier.

Construction

- Cast aluminum housing routes heat away from electrical components
- Edge-Lit technology allows for extremely thin fixture depth
- Adjustable, spring loaded retention tabs ensure secure fixture retention
- Certified for direct contact with insulation
- Includes gasket to meet AirTight requirements

Optical System

- Precision engineered optical stack creates uniform light distribution that maximizes lumen output
- CCT offered at 2700K, 3000K, 4000K, 5000K
- Utilizes high performing LEDs with a greater than 90 CRI and an R9 greater than 50

Electrical

- Off-board driver minimizes installation height and maximizes fixture life through improved heat management
- Dimmable to less than 5% with compatible TRIAC dimmers
- Operating temperature of 0° to 120°F (-18°C to 49°C)
- Input voltage of 120VAC
- TM-21 Reported L70(9K) hours >54,000

Finish

- White powder coat finish standard
- Color trims available in Black, Nickel and Aged Copper
- Available in round configurations

Mounting and Installation

- Spring loaded retention arms allow for easy installation into ceiling up to 3/8" thick with no need for a recessed housing
- Off-board driver/junction box includes two 1/2" KOs and three-port poke-in connectors
- Included paper cutting template
- Metal rough in template available
- Extension power cables (2', 10', 20') available
- Suitable for damp locations

Warranty

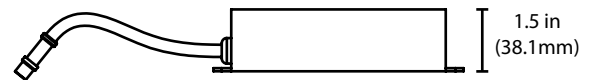
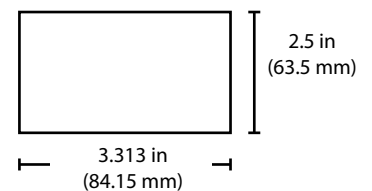
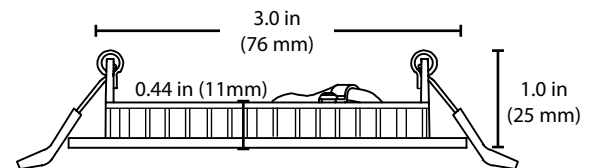
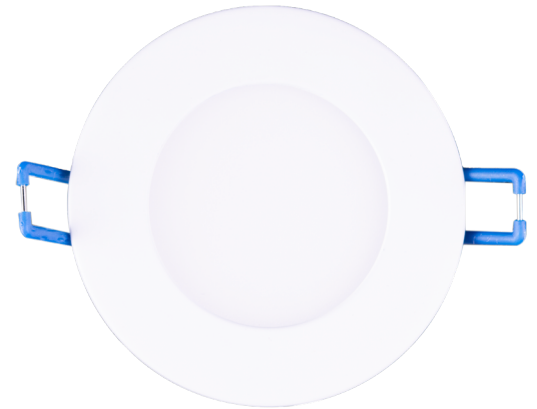
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Project

Catalog

Type

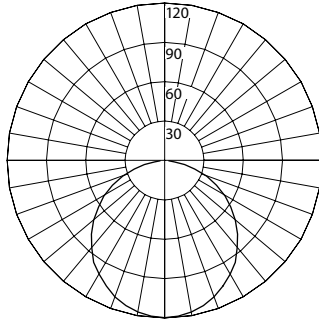
Date



Photometric Data

DLE3 2700K RD

Input Voltage (VAC)	120V
System Level Power (W)	6.0
Delivered Lumens (Lm)	340
System Efficacy (Lm/W)	56.67
Correlated Color Temp (K)	2714
Color Rendering Index (CRI)	90
Beam Angle	110
Spacing Criteria	1.24



Intensity Summary (Candle Power)

Angle	Mean CP
0	120
5	120
15	115
25	107
35	94
45	79
55	61
65	42
75	23
85	6
90	0

CCT Data Multiplier

DLE321203KRD	1.029
DLE321204KRD	1.056
DLE321205KRD	1.078

Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
2	30.1	11.4
4	7.5	17.1
6	3.3	22.8
8	1.9	28.5
10	1.2	34.3
12	0.8	40.0
14	0.6	45.7

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	93	27.4
0-40	152	44.8
0-60	267	78.6
0-90	339	99.9
90-180	0.51	0.1
0-180	340	100

Performance Data

Model Number	Lumens	Watts	Lumens/Watt
DLE321202KRD	340	6.0	56.67
DLE321203KRD	350	6.0	58.31
DLE321204KRD	359	6.0	59.84
DLE321205KRD	367	6.0	61.09

Recommended Dimmers*

Lutron Toggler TGCL-153P
Lutron Skylark SCL-153P
Lutron DIVA DVCL-153P
Leviton C22-06672-1LW
Lutron Caseta PD-6WCL

*Not a complete list. Check compatibility before installation.

Ordering Information

Example: DLE321203KRDWH

Series	Version	Voltage	CCT's	Trim Shape	Trim Color
DLE3	2 (Version 2)	120	2K (2700 K)	RD (Round)	WH (White)
			3K (3000 K)		
			4K (4000 K)		
			5K (5000 K)		

Specifications and dimensions subject to change without notice

Accessories

accessories sold separately

Roughin Template	ROUGHIN-TEMPLATE-3
3" AGED COPPER TRIM RING	DLE3-TR-AC
3" BLACK TRIM RING	DLE3-TR-BK
3" BRUSHED NICKEL TRIM RING	DLE3-TR-NK
24" Extension Cable	DLE-EXTCABLE-24
10' Extension Cable	DRIVER-EXTCABLE-10
20' Extension Cable	DRIVER-EXTCABLE-20