

# 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 (10', 20') available
- Suitable for damp locations

#### Warranty

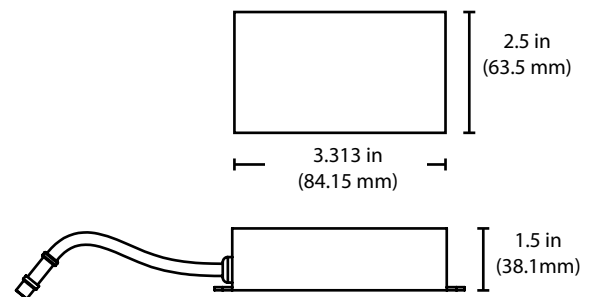
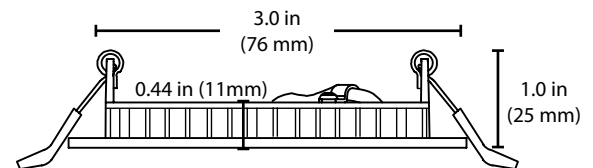
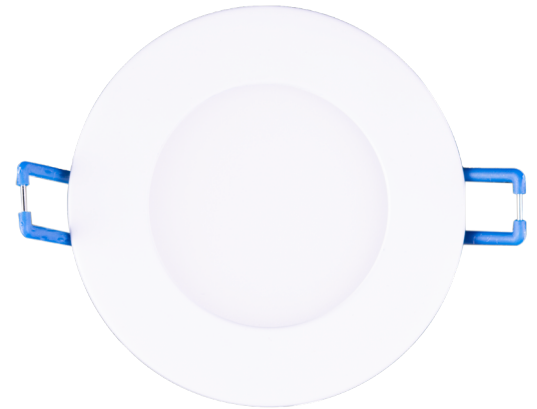
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Project

Catalog

Type

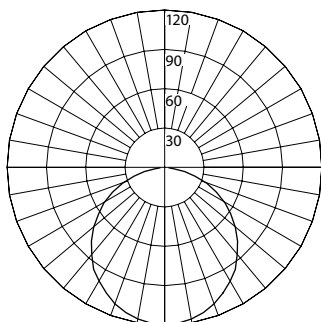
Date



## 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
10' Extension Cable	DRIVER-EXTCABLE-10
20' Extension Cable	DRIVER-EXTCABLE-20