## DLE8

# **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
- Suitable for damp locations

#### **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

## **Mounting and Installation**

- $\, \cdot \,$  Spring loaded retention arms allow for easy installation into ceilings up to 1  $\frac{1}{2}$ " 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

### Warranty

- · 5-year limited system warranty
- 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

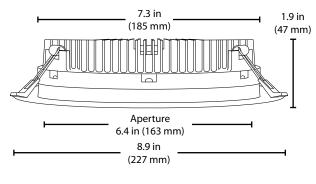
Project

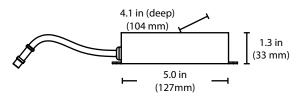
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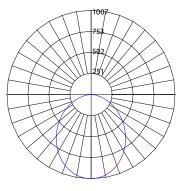




## **Photometric Data**

# **DLE8 3000K RD**

Input Voltage (VAC)	120V
System Level Power (W)	28.8
Delivered Lumens (Lm)	2441
System Efficacy (Lm/W)	84.8
Correlated Color Temp (K)	3045
Color Rendering Index (CRI)	93
Beam Angle	99°
Spacing Criteria	1.18



Intensity Summary (Candle Power)			
Angle	Mean CP		
0	1003		
5	995		
15	976		
25	944		
35	900		
45	846		
55	782		
65	713		
75	640		
85	565		
90	488		

CCT Data Multiplier			
DLE821202KRD	0.977		
DLE821204KRD	1.020		
DLE821205KRD	1.046		

Cone of Light Tabulation			
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)	
4	62.7	9.3	
6	27.8	13.9	
8	15.6	18.5	
10	10.0	23.2	
12	6.9	27.8	
14	5.1	32.4	
16	3.9	37.1	

Zonal Lumen Summary			
Zone	Lumens	% of Luminaire	
0-30	749	30.7%	
0-40	1195	49.0%	
0-60	2003	82.0%	
0-90	2441	100%	
90-180	0	0%	
0.190	2441	100%	

 $Fixture\ tested\ per\ LM-79-08.\ Photometric\ data\ is\ of\ the\ performance\ of\ a\ representative\ fixture.\ Results\ may\ vary\ in\ the\ field.$ 

Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
DLE821202KRD	2384	28.8	82.8
DLE821203KRD	2441	28.8	84.8
DLE821204KRD	2489	28.8	86.4
DLE821205KRD	2553	28.8	88.6

### Recommended Dimmers\*

Lutron DIVA DVELV-300P Lutron Skylark SELV-300P Lutron Caseta PD-6WCL Legrand SofTap ADTP703TU

 ${\it *Not\, a\, complete\, list.\, Check\, compatibility\, before\, installation.}$ 

Ordering Information				Example: DLE821203KRDWH	
Series	Version	Voltage	CCT's	Trim Shape	Trim Color
DLE8	<b>2</b> (Version 2)	120	<b>2K</b> (2700 K)	RD (Round)	<b>WH</b> (White)
			<b>3K</b> (3000 K)		
			<b>4K</b> (4000 K)		
			<b>5K</b> (5000 K)		

Specifications and dimensions subject to change without notice

accessories sold separately
ROUGHIN-TEMPLATE-8
DLE8-TR-BK
DLE8-TR-AC
DLE8-TR-NK
DLE-EXTCABLE-24
DRIVER-EXTCABLE-10
DRIVER-EXTCABLE-20

