

# DLE4

## Edge Lit Recessed LED Downlight

### Product Description

The DLE Edge Lit LED Downlight Series offers an attractive visual aesthetic with both round and square apertures. The edge lit technology uses a reflective light guide panel that disperses light through a diffused lens, making it an effective and economical solution. The ultra-thin fixture depth and off-board driver allow for a more flexible installation and increased lifetime with improved thermal management. Eliminating the need for a J-box or recessed housing, 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. Adding light in tight spaces such as hallways, bathrooms, basements, entry ways, 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

#### Optical System

- Precision engineered optical stack creates uniform light distribution that maximizes lumen output

#### Electrical

- Utilizes high performing LEDs with a greater than 90 CRI and an R9 greater than 50
- Off-board driver minimizes installation height and maximizes fixture life through improved heat management
- Dimmable to less than 10% with compatible TRIAC dimmers
- Operating temperature of 0° to 120°F (-18°C to 49°C)
- Input voltage of 120VAC
- TM-21 Reported L70(6K) hours >36,000

#### Finish

- White powder coat finish standard
- Available in round or square configurations

#### Mounting and Installation

- Adjustable, spring loaded retention tabs allow for easy installation with no need for a recessed housing
- Off-board driver/junction box includes four-port poke-in connectors and Romex connector
- Suitable for wet locations
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

#### 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

### PRODUCT INFORMATION

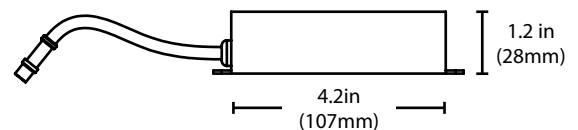
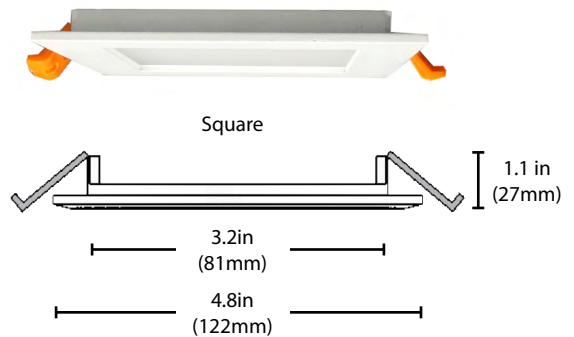
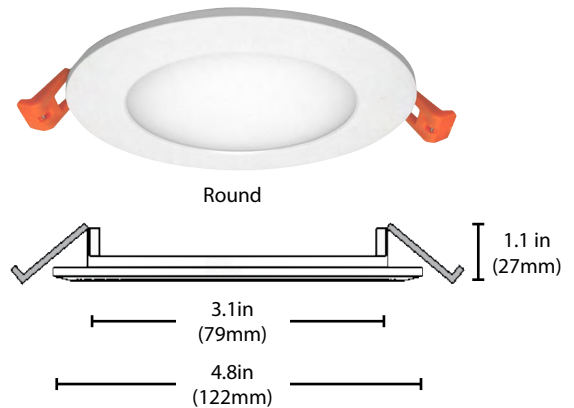
	DLE4-RD	DLE4-SQ
Delivered Lumens (Lm):	470Lm	591Lm
Power Draw (W):	10.8W	11.2W
System Efficiency (Lm/W):	43.5 Lm/W	52.8 Lm/W
Input Voltage:	120 VAC	120 VAC
Dimmable:	TRIAC	TRIAC
TM-21 Reported L70(6K) hours:	>60,000 hours	>60,000 hours
Correlated Color Temp:	3118K	2941K
Color Rendering Index:	96	93

Project

Catalog

Type

Date



### Ordering Information

Example: DLE4-10-120-3K-RD-WH

Series	Version	Voltage	CCT's	Trim Shape	Trim Color
DLE4	10 (Version 1)	120	2K (2700 K)	RD (Round)	WH (White)
			3K (3000 K)	SQ (Square)	
			4K (4000 K)		
			5K (5000 K)		

Specifications and dimensions subject to change without notice

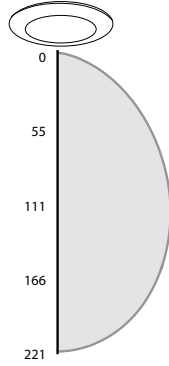
# Photometric Data

## 2700K DLE4 RD

Luminaire	2700K
Input Voltage (VAC)	120
System Level Power (W)	10.8
Delivered Lumens (Lm)	461
System Efficacy (Lm/W)	42.6
Correlated Color Temp (K)	2712
Color Rendering Index (CRI)	96

### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	142.1	30.78%
0-40	222.5	48.20%
0-60	373.9	81%
0-90	461.6	100%
40-90	279.9	60.63%
60-90	121.7	26.36%
90-180	0	0%
0-180	461.6	100%



## 3000K DLE4 RD

Luminaire	4000K
Input Voltage (VAC)	120
System Level Power (W)	10.8
Delivered Lumens (Lm)	470
System Efficacy (Lm/W)	43.5
Correlated Color Temp (K)	3118
Color Rendering Index (CRI)	96

### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	144.8	30.78%
0-40	226.8	48.20%
0-60	381.1	81%
0-90	470.5	100%
40-90	285.3	60.63%
60-90	124	26.36%
90-180	0	0%
0-180	470.5	100%

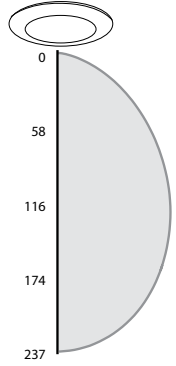


## 4000K DLE4 RD

Luminaire	4000K
Input Voltage (VAC)	120
System Level Power (W)	10.8
Delivered Lumens (Lm)	494
System Efficacy (Lm/W)	45.7
Correlated Color Temp (K)	3998
Color Rendering Index (CRI)	96

### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	152.1	30.78%
0-40	238.3	48.20%
0-60	400.4	81%
0-90	494.3	100%
40-90	299.7	60.63%
60-90	130.3	26.36%
90-180	0	0%
0-180	494.3	100%

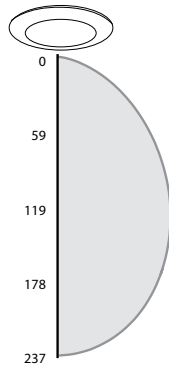


## 5000K DLE4 RD

Luminaire	3000K
Input Voltage (VAC)	120
System Level Power (W)	10.8
Delivered Lumens (Lm)	545
System Efficacy (Lm/W)	50.5
Correlated Color Temp (K)	5019
Color Rendering Index (CRI)	96

### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	167.9	30.78%
0-40	262.9	48.20%
0-60	441.8	81%
0-90	545.5	100%
40-90	330.7	60.63%
60-90	143.8	26.36%
90-180	0	0%
0-180	545.5	100%

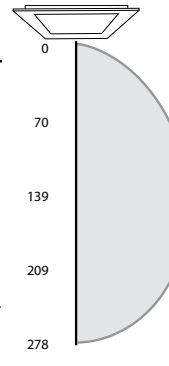


## 2700K DLE4 SQ

Luminaire	2700K
Input Voltage (VAC)	120
System Level Power (W)	11.2
Delivered Lumens (Lm)	579
System Efficacy (Lm/W)	51.7
Correlated Color Temp (K)	2718
Color Rendering Index (CRI)	93

### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	179.2	30.89%
0-40	280.4	48.36%
0-60	470.7	81.17%
0-90	579.9	100%
40-90	351	60.53%
60-90	151.9	26.19%
90-180	0	0%
0-180	579.9	100%

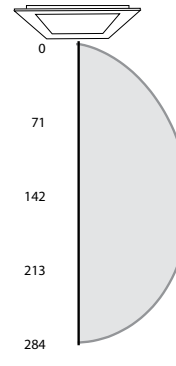


## 3000K DLE4 SQ

Luminaire	3000K
Input Voltage (VAC)	120
System Level Power (W)	11.2
Delivered Lumens (Lm)	591
System Efficacy (Lm/W)	52.8
Correlated Color Temp (K)	2941
Color Rendering Index (CRI)	93

### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	185.2	30.89%
0-40	289.8	48.36%
0-60	486.5	81.17%
0-90	599.4	100%
40-90	362.8	60.53%
60-90	157	26.19%
90-180	0	0%
0-180	599.4	100%

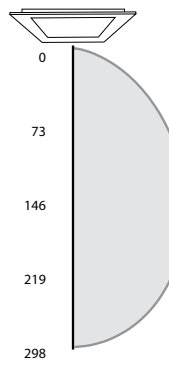


## 4000K DLE4 SQ

Luminaire	4000K
Input Voltage (VAC)	120
System Level Power (W)	11.2
Delivered Lumens (Lm)	621
System Efficacy (Lm/W)	55.4
Correlated Color Temp (K)	4009
Color Rendering Index (CRI)	93

### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	191.9	30.89%
0-40	300.4	48.36%
0-60	504.3	81.17%
0-90	621.2	100%
40-90	376	60.53%
60-90	162.7	26.19%
90-180	0	0%
0-180	621.2	100%



## 5000K DLE4 SQ

Luminaire	5000K
Input Voltage (VAC)	120
System Level Power (W)	11.2
Delivered Lumens (Lm)	686
System Efficacy (Lm/W)	61.2
Correlated Color Temp (K)	5023
Color Rendering Index (CRI)	93

### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	212	30.89%
0-40	331.9	48.36%
0-60	557.1	81.17%
0-90	686.3	100%
40-90	415.5	60.53%
60-90	179.8	26.19%
90-180	0	0%
0-180	686.3	100%

