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
- · Includes gasket to meet AirTight requirements
- Square fixture has round back for easier cut in with standard hole cutters.

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
- \bullet 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 or square configurations

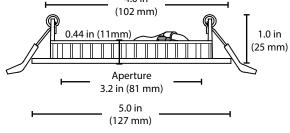
Mounting and Installation

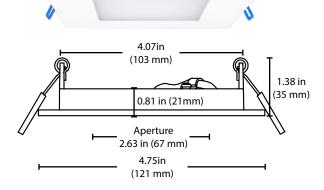
- Spring loaded retention tabs allow for easy installation into ceilings up to ¾" (RD) or 1" (SQ) thick with no need for a recessed housing
- Off-board driver/junction box includes two 1/2" KOs and three-port poke-in connectors
- Included paper cutting template
- Metal rough in template available
- Extension power cables (2', 10', 20') available
- Suitable for damp locations

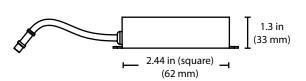
Warranty

- · 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



















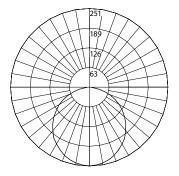




Photometric Data

DLE4 2700K RD

Input Voltage (VAC)	120V
System Level Power (W)	11.0
Delivered Lumens (Lm)	710
System Efficacy (Lm/W)	64.5
Correlated Color Temp (K)	2712
Color Rendering Index (CRI)	96
Beam Angle	111°
Spacing Criteria	1.24



Intensity Summary (Candle Power)		
Angle Mean CP		
0	251	
5	250	
15	241	
25	223	
35	233	
45	164	
55	127	
65	87	
75	47	
85	12	
90	0	

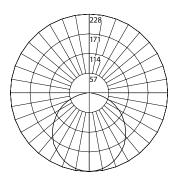
CCT Data Multiplier			
DLE421203KRD	1.021		
DLE421204KRD	1.042		
DLE421205KRD	1.076		

Cone of Light Tabulation					
Mounted height Footcandles Diameter (Feet) Beam Center (Feet)					
4	15.7	11.6			
6	7.0	17.4			
8	3.9	23.2			
10	2.5	28.9			
12	1.7	34.7			
14	1.3	40.5			
16	1.0	46.3			

	Zonal Lumen Summary		
Zone	Lumens	% of Luminaire	
0-30	194	27.4%	
0-40	318	44.8%	
0-60	558	78.6%	
0-90	710	100%	
90-180	0	0.0%	
0-180	710	100.0%	

DLE4 2700K SQ

Input Voltage (VAC)	120V
System Level Power (W)	8.3
Delivered Lumens (Lm)	567
System Efficacy (Lm/W)	68
Correlated Color Temp (K)	2718
Color Rendering Index (CRI)	93
Beam Angle	100°
Spacing Criteria	1.20



Intensity Summary (Candle Power)		
Angle	Mean CP	
0	227	
5	226	
15	214	
25	192	
35	163	
45	131	
55	98	
65	65	
75	33	
85	7	
90	0	

CCT Data Mult	tiplier
DLE421203KSQ	1.021
DLE421204KSQ	1.042
DLE421205KSQ	1.076

Cone of Light Tabulation				
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)		
4	14.2	9.7		
6	6.3	14.6		
8	3.6	19.4		
10	2.3	24.3		
12	1.6	29.1		
14	1.2	34.0		
16	0.9	38.8		
-				

Zo	ry	
Zone	Lumens	% of Luminaire
0-30	170	30.0%
0-40	272	48.0%
0-60	460	81.1%
0-90	567	100.0%
90-180	0	0.0%
0-180	567	100.0%

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

Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
DLE421202KRD	710	11.0	64.5
DLE421203KRD	725	11.0	65.9
DLE421204KRD	740	11.0	67.3
DLE421205KRD	764	11.0	69.5
DLE421202KSQ	567	8.3	68.3
DLE421203KSQ	579	8.3	69.8
DLE421204KSQ	591	8.3	71.2
DLE421205KSQ	610	8.3	73.5

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.



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Ordering Information Example: DLE421203KRDWH					xample: DLE421203KRDWH
Series	Version	Voltage	CCT's	Trim Shape	Trim Color
DLE	2 (Version 2)	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

Accessories	accessories sold separately
4" AGED COPPER TRIM RING	DLE4-TR-AC
4" BLACK TRIM RING	DLE4-TR-BK
4" BRUSHED NICKEL TRIM RING	DLE4-TR-NK
4" AGED COPPER SQUARE TRIM RING	DLE4-TR-SQ-AC
4" BLACK SQUARE TRIM RING	DLE4-TR-SQ-BK
4" BRUSHED NICKEL SQUARE TRIM RING	DLE4-TR-SQ-NK
Round Mounting Template (13" length)	DLE4-RD-TEMPLATE
4" Rough In Template (26" length)	ROUGHIN-TEMPLATE-4
24" Extension Cable	DLE-EXTCABLE-24
10' Extension Cable	DRIVER-EXTCABLE-10
20' Extension Cable	DRIVER-EXTCABLE-20

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received,

including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful

interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to

radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- —Reorient or relocate the receiving antenna.
- —Increase the separation between the equipment and receiver.
- —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- —Consult the dealer or an experienced radio/TV technician for help.

