DLR4-R
4" Retractable LED Downlight

Project

Catalog

Type

Date

Product Description

The DLR4-R retractable fixture takes the guesswork out of where to position your light. This warm ambient light source gives you 359 degrees of rotation and 80 degrees of adjustable tilt making this 4" fixture perfect for both accent and task lighting. You direct the light exactly where you need it without having to move anything in your design space. From LED color rendering and CCT options to fixture performance, this series is ideal for commercial, hospitality and residential applications.

Construction
• Cast aluminum trim routes heat away from electrical components
• Low profile, integrated driver, allows for use in shallow housings
• Adjustable trim allows for 359° of rotation and 80° of tilt
• Tension rail allows for locking to a fixed angle

Optical System
• Polystyrene diffuser and reflector cone create a uniform light distribution that reduces glare without sacrificing lumen output
• Beam angle of 61°

Electrical
• Utilizes high performing LEDs with greater than 90 CRI and an R9 greater than 50
• Dimmable to less than 8% with most standard triac dimmers
• Operating temperature rating of 0°F to 120°F (-18°C to 49°C)
• Input voltage of 120V
• Meets FCC 15: 2016 Class B requirements
• TM-21 Reported L70(9k) life >54,000 hours
• LM-79, LM-80 testing performed in accordance with IESNA standards

Finish
• Exterior white powder coat finish

Installation
• Compatible with most 4" recessed housings (19000A-LED, 19000A-LED-ID, 19000AR-LED) at least 4" high with inside diameter between 4" - 4-1/2"
• Quick and easy installation with a screw-in Edison base (GU24 socket string available) and friction clip system (base not needed with 19000A-LED-ID housing)
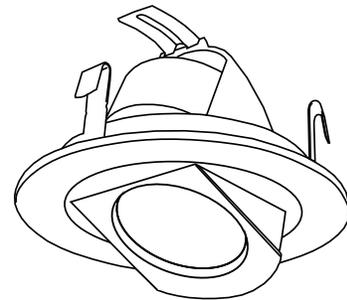
Warranty
• 5-year limited system warranty standard

3.375in
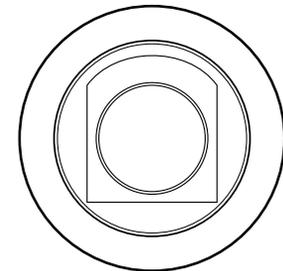(86mm)

5in
(127mm)

CLASSIFIED c(UL)us · ENERGY STAR · T24 California Title 24 High Energy Compliant · DAMP LOCATION RATED · 5 YEAR WARRANTY

NICOR® **LED**

Photometric Data

DLR4-R 2700K

Input Voltage (VAC)	120V
System Level Power (W)	8.5
Delivered Lumens (Lm)	600
System Efficacy (Lm/W)	70.6
Correlated Color Temp (K)	2754
Color Rendering Index (CRI)	92
Beam Angle	97°
Spacing Criteria	1.18
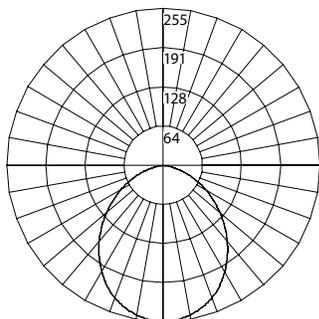
Intensity Summary (Candle Power)

Angle	Mean CP
0	255
5	254
15	242
25	218
35	183
45	143
55	101
65	61
75	26
85	4
90	0

CCT Data Multiplier

DLR4-R-10-120-3K	1.021
DLR4-R-10-120-4K	1.070

Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	16.0	4.7
6	7.1	7.1
8	4.0	9.4
10	2.6	11.8
12	1.8	14.5
14	1.3	18.0
16	1.0	18.4

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	192	32.0%
0-40	307	51.1%
0-60	507	84.5%
0-90	600	100.0%
90-180	0	0.0%
0-180	600	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
DLR4-R-10-120-2K	600	8.5	70.6
DLR4-R-10-120-3K	642	8.5	75.5
DLR4-R-10-120-4K	700	8.5	82.4

Recommended Dimmers*

Lutron MAESTRO MACL-153P

Lutron Toggler TGCL-153P

Lutron DIVA DVELV-300P

Lutron DIVA DVELV-303P

Lutron Skylark SELV-300P

Not a complete list. Check compatibility before installation.

Housing Compatibility*

19000A-LED-ID	4" LED IC AIRTIGHT NEW CONSTRUCTION HOUSING
19001AR-LED-ID	4" LED IC AIRTIGHT REMODEL HOUSING
	MOST STANDARD 4" RECESSED HOUSINGS

Ordering Information

Example: DLR4-R-10-120-3K-WH

Series	Version	Voltage	CCT's	Trim Color
DLR4-R	**10** (Version 1)	**120** (120V)	**2K** (2700 K)	**WH** (White)
			3K (3000 K)	
			4K (4000 K)	

Only available as special order. Contact NICOR for more info.
Specifications and dimensions subject to change without notice.

Accessories
accessories sold separately

GU24 Socket String	GU24-IDEAL-SKT-STR

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