

Recessed **LED** Downlight System
DLR4v5 | DLR56v5 Series



Simple and Easy Low Cost Installation

Patent Pending

DLR4v5 & DLR56v5 Series

Recessed LED Downlight System

The Driverless AC LED System

The DLRv5 LED from NICOR is ideal for new construction using the patented new construction frame system and retrofit into most 4", 5", and 6" housings. Improved to meet the newest certification standards, the DLR4 and DLR56 are over 70 LPW, 90+ CRI and R9 greater than 60. The DLRv5 combined with the frame system provides the lowest overall system cost for energy efficient, high quality lighting.

SIZES



4" and 5/6"

TRIM COVERS



Oil Rubbed Bronze, Brushed Nickel, and Black

FRAME



(5/6" pictured)
4" and 5/6"

IDEAL Luminaire Connector

Makes for quick and easy installation

Reduced Glare

Increased trim depth provides lower glare and a quieter ceiling

Easy Installation

Quick and easy installation with torsion spring (DLR56)

Aluminum Trim

Spun aluminum trim routes heat away from electrical components

DLR56v5



Ultra Low Profile

Designed for DLR frame use and for use in shallow housings

Easy Installation

Quick and easy installation with fiction clip (DLR4)

DLR4v5



Edison Base Socket String

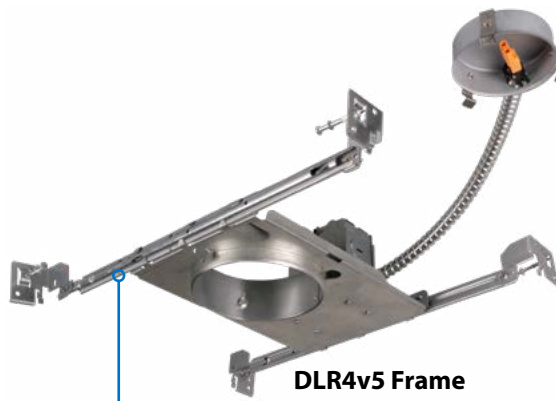
Ships with Edison base socket string for retrofit installation



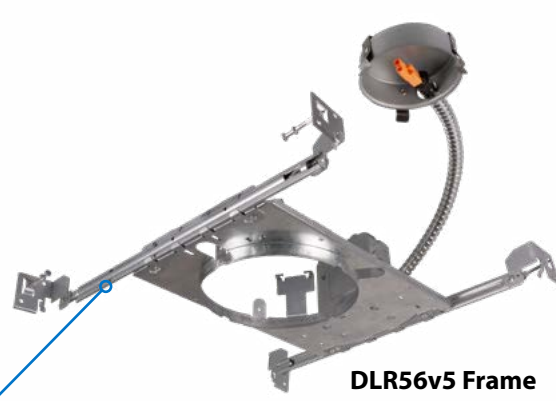
DLR4v5 & DLR56v5 Series

Recessed LED Downlight System

DLR4v5 Frame



DLR56v5 Frame



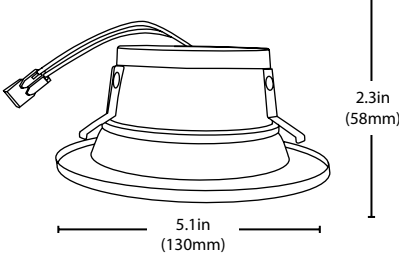
Hanger Bars

NICOR captive hanger bars allow housing to be positioned at any point up to a 24" joist span

Swivel Foot

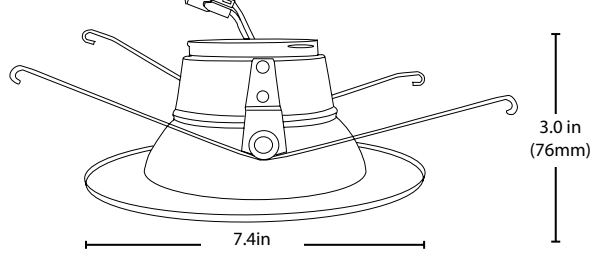
Easier single person installation with 90° pivot

DLR4v5



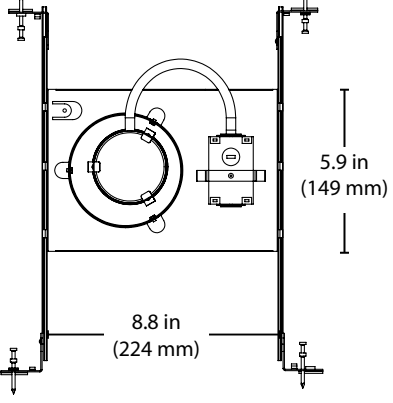
2.3in (58mm)
5.1in (130mm)

DLR56v5



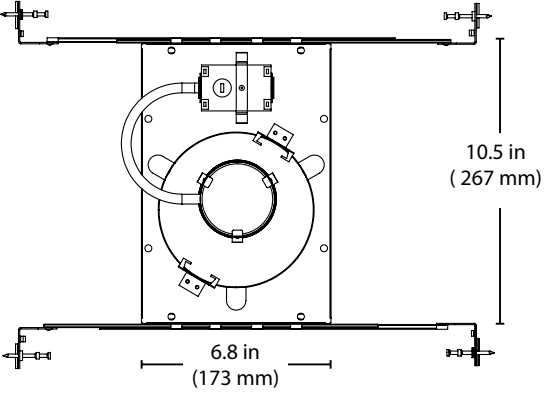
3.0 in (76mm)
7.4in (188mm)

DLR4v5



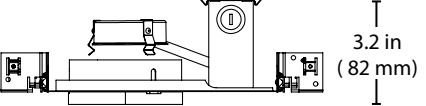
5.9 in (149 mm)
8.8 in (224 mm)

DLR56v5



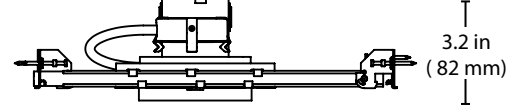
10.5 in (267 mm)
6.8 in (173 mm)

DLR4v5



3.2 in (82 mm)

DLR56v5



3.2 in (82 mm)

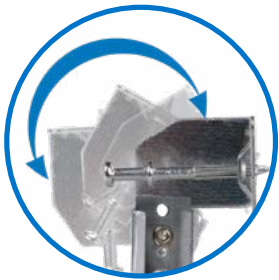
DLR4v5 & DLR56v5 Series

Recessed **LED** Downlight System

EASY SINGLE PERSON INSTALLATION

1 START FRAME INSTALLATION

Pivot the hangar bar feet 90° and nail to structure.



2 WIRING

Connect the wiring in the J-Box.

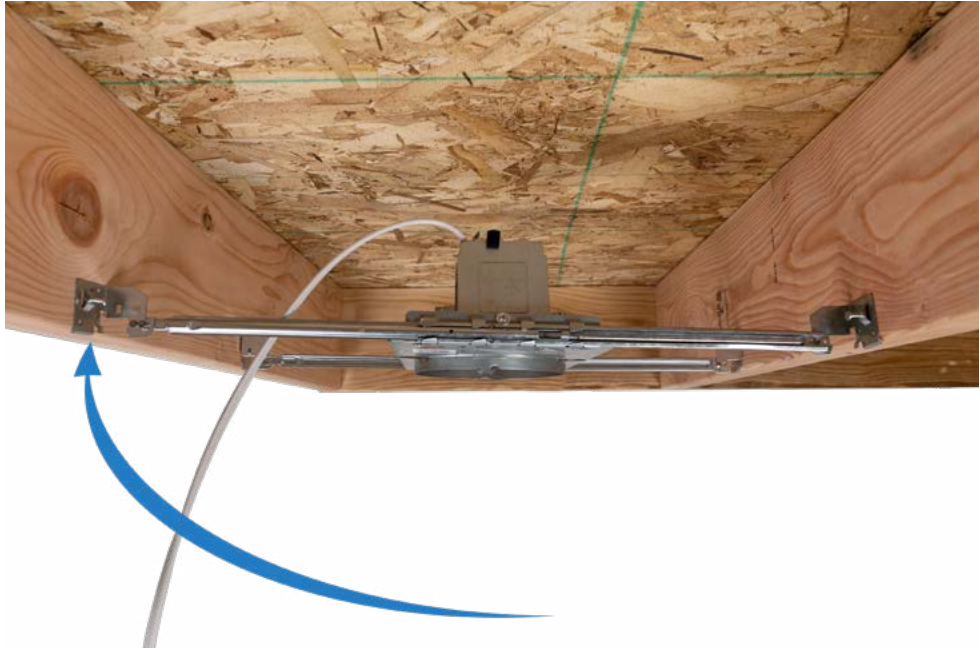


DLR4v5 & DLR56v5 Series

Recessed **LED** Downlight System

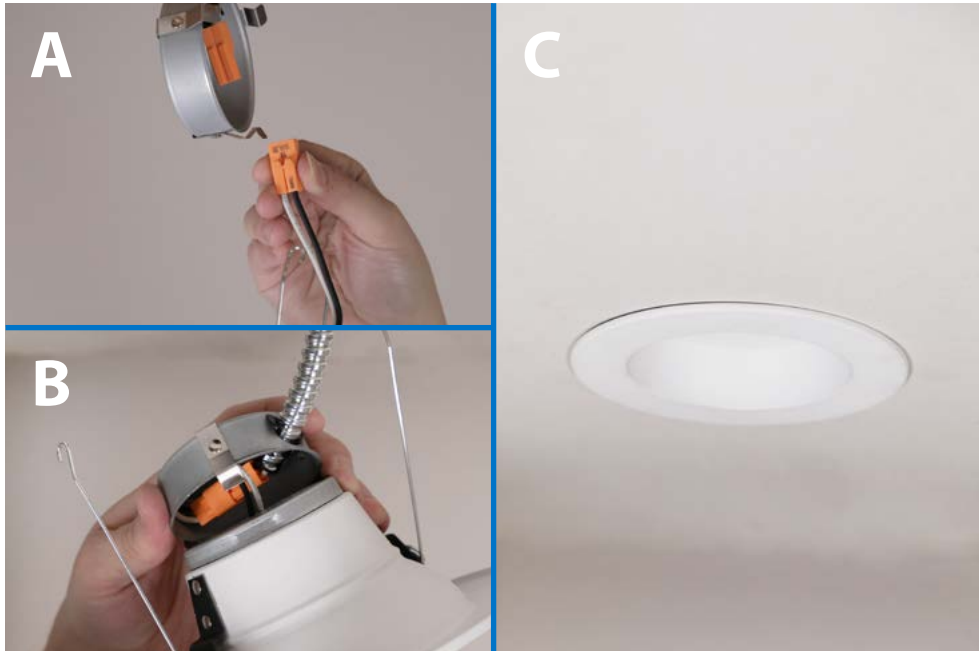
3 FINISH FRAME INSTALLATION

Swing the frame up and nail remaining feet to structure.



4 DOWNLIGHT INSTALLATION

Mate the IDEAL connector (A) and then easily snap the cap on the DLR (B). Mount DLR to frame (v-springs or friction clips per model) and push upward, flush to ceiling surface (C).



DLR4v5 & DLR56v5 Series

Recessed LED Downlight System

Retrofit

Construction

- Spun aluminum trim routes heat away from electrical components
- Ultra low profile, integrated driver designed for DLR4 and DLR56 frame use
- Airtight when used with DLR4 or DLR56 frame
- Also allows for use in 4" or 5" and 6" standard or shallow housings with respective DLR

Optical System

- Polystyrene diffuser and reflector cone create a uniform light distribution that reduces glare without sacrificing lumen output
- Increased trim depth provides lower glare and quieter ceiling

Electrical

- Utilizes high performing LEDs with >90 CRI and an R9 >60
- Dimmable to 5% with compatible TRIAC dimmers
- Operating temperature rating of 0°F to 120°F (-18°C to 49°C)
- Input voltage of 120V
- Lifetime rated for greater than 60,000 hours
- LM-79 testing performed in accordance with IESNA standards
- Meets FCC Part 15, Subpart B, Class B standards for conducted and radiated emissions

Installation

- Compatible with DLR frame
- Compatible with most 4" or 5" and 6" recessed housings respectively
- Quick and easy installation with an IDEAL luminaire connector
 - DLR4v5 has simple friction clip system
 - DLR56v5 has torsion spring mounting system
- Ships with Edison base socket string (GU24 socket string available)

Finish

- Exterior white powder coat finish
- Available accessory trim covers in Black, Oil-Rubbed Bronze and Nickel

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

Frame

Construction

- Listed for through branch circuit wiring and includes three 1/2" knockouts. Four pryouts with integral strain relief simplify Romex installation
- Friction clip sleeve for easy installation of DLR4 or v-spring clips for DLR56
- Supplied with three push-in wire connectors
- Patented trim attachment system with IDEAL connector

Hanger Bars

- Heavy-gauge NICOR captive hanger bars provide greater stability, allowing housing to be positioned at any point within a 24" joist span, then locked in place with set screws
- Swivel foot on one end of hangar bars ease single person installation
- Unique hanger bar lip design helps align frame to joist
- Four double-headed captive nails provide for ease of installation
- Bars can be repositioned 90° on plaster frame by repositioning hanger bar brackets on DLR56-5-FRAME only
- Bars fit onto T-bar spine for quick alignment and can be permanently secured
- Score lines allow bars to be shortened without tools to accommodate a 12" joist span

Frame System

Contruction

- System ships as 1 frame and 1 trim individually to accommodate "Rough-In" and "Finish" stages of construction
- System is Airtight and IC Rated



DLRv5 Retrofit + Frame Ordering Information	
DLR45SYS062KWH	DLR45 2700K 600L WH W/FRAME
DLR45SYS063KWH	DLR45 3000K 600L WH W/FRAME
DLR45SYS064KWH	DLR45 4000K 600L WH W/FRAME
DLR45SYS065KWH	DLR45 5000K 600L WH W/FRAME
DLR56SYS082KWH	DLR565 2700K 800L WH W/FRAME
DLR56SYS083KWH	DLR565 3000K 800L WH W/FRAME
DLR56SYS084KWH	DLR565 4000K 800L WH W/FRAME
DLR56SYS085KWH	DLR565 5000K 800L WH W/FRAME
DLR56SYS122KWH	DLR565 2700K 1200L WH W/FRAME
DLR56SYS123KWH	DLR565 3000K 1200L WH W/FRAME
DLR56SYS124KWH	DLR565 4000K 1200L WH W/FRAME
DLR56SYS125KWH	DLR565 5000K 1200L WH W/FRAME

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DLR4

Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
DLR45061202KWH	754	9.3	81.5
DLR45061203KWH	769	9.3	83.1
DLR45061204KWH	798	9.3	86.2
DLR45061205KWH	808	9.3	87.4

Accessories	
DLR4v5 New Construction Frame	DLR4-5-FRAME
Oil Rubbed Bronze Trim	DLR4-5-TR-OB
Black Trim	DLR4-5-TR-BK
Nickel Trim	DLR4-5-TR-NK
GU24 Socket String	GU24-IDEAL-SKT-STR

DLR4 Retrofit Ordering Information					Example: DLR45061203KWH
Series	Version	Voltage	CCT's	Trim Color	
DLR4	506 (600 lm)	120 (120VAC)	2K (2700 K)	WH (White)	
			3K (3000 K)		
			4K (4000 K)		
			5K (5000 K)		

DLR4 Frame Ordering Information		Example: DLR4-5-FRAME
Series	Description	
DLR4-5-FRAME	DLR4v5 New Construction Frame	

DLR56

Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
DLR565081202K	915	12.2	75.3
DLR565081203K	933	12.2	76.8
DLR565081204K	968	12.2	79.6
DLR565081205K	980	12.2	80.7
DLR565121202K	1383	17.4	79.5
DLR565121203K	1411	17.4	81.1
DLR565121204K	1464	17.4	84.1
DLR565121205K	1483	17.4	85.2

Accessories	
DLR56v5 New Construction Frame	DLR56-5-FRAME
Oil Rubbed Bronze Trim	DLR56-5-TR-OB
Black Trim	DLR56-5-TR-BK
Nickel Trim	DLR56-5-TR-NK
GU24 Socket String	GU24-IDEAL-SKT-STR

DLR56 Retrofit Ordering Information					Example: DLR565081203KWH
Series	Version	Voltage	CCT's	Trim Color	
DLR56	508 (800 lm)	120 (120VAC)	2K (2700 K)	WH (White)	
	512 (1200 lm)		3K (3000 K)		
			4K (4000 K)		
			5K (5000 K)		

DLR56 Frame Ordering Information		Example: DLR56-5-FRAME
Series	Description	
DLR56-5-FRAME	DLR56v5 New Construction Frame	

Specifications and dimensions subject to change without notice. Please go to nicorlighting.com for the most up-to-date information.



* not available in 5000K

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