# **DLRv5** Select

**Recessed LED Downlight** 

## **Product Description**

Now part of the NICOR Select line, the DLR Select from NICOR is a 4" or 5" & 6" recessed LED downlight that is ideal for new construction using the patented new construction frame or as a retrofit into most 4" or 5" & 6" housings. Improved to meet the newest certification standards, the DLR Select is over 60 LPW, 90+ CRI and R9 greater than 50. With a micro-switch on the driver cap, the DLR Select offers the ability to adjust the CCT to 3000K, 4000K, or 5000K. The DLRv5 system of the downlight combined with the frame provides the lowest overall system cost for energy efficient, high quality lighting.

#### Construction

- Spun aluminum trim routes heat away from electrical components
- Aluminum driver cover for additional thermal management
- Fully captured stainless steel V-springs on 6"
- Friction fit stainless steel arms on 4"
- IDEAL luminaire connector
- Low profile, integrated driver designed for DLRv5 frame use

#### **Optical System**

- Dual emitter array enables CCT selection of 3000K, 4000K, or 5000K
- Binned within 4-step MacAdams with duv  $<\pm 0.003$
- Utilizes high performing LEDs with 90+ CRI and an R9 > 50
- Polystyrene diffuser creates uniform distribution without sacrificing lumen output
  Increased trim depth provides lower glare and a quieter ceiling

#### Electrical

- Input voltage of 120VAC
- Utilizes high performing LEDs with >90 CRI and an R9 >50
- $\bullet$  Dimmable below 10% with compatible leading edge (TRIAC) or trailing edge (ELV) dimmers
- Operating temperature rating of 0°F to 120°F (-18°C to 49°C)

#### Finish

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

#### Mounting and Installation

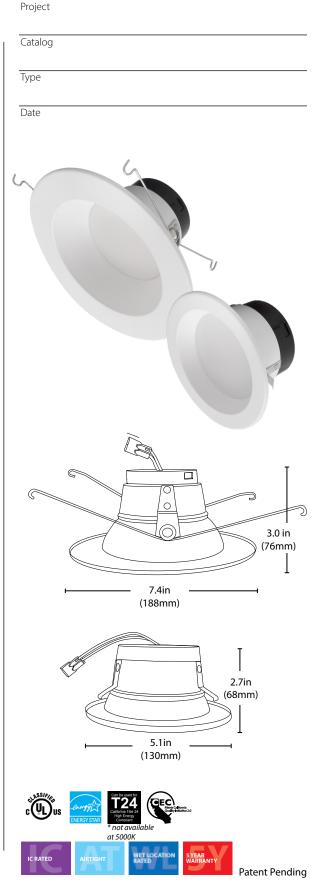
- Compatible with patented DLRv5 frame
- Compatible with most 4" or 5" & 6" recessed housings
- Quick and easy installation with an IDEAL luminaire connector and torsion spring or friction fit mounting system
- Ships with Edison base socket string (GU24 socket string available)

#### Listings

- LM-79, LM-80 testing performed in accordance with IESNA standards
- UL/cUL1598 Listed for wet locations
- Airtight when used with DLR56 frame
- RoHS Compliant
- Meets FCC Part 15, Subpart B, Class B standards for conducted and radiated emissions
  LED lumen maintenance: L70(9k)>54,000 hrs

#### 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

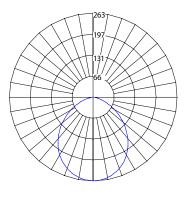




## **Photometric Data**

### DLR4 Select 3000K

Input Voltage (VAC)	120V
System Level Power (W)	9.5
Delivered Lumens (Lm)	606
System Efficacy (Lm/W)	64.0
Correlated Color Temp (K)	3051
Color Rendering Index (CRI)	92 R9=53
Beam Angle	97°
Spacing Criteria	1.20



	Summary Power)
Angle	Mean CP
0	263
5	261
15	249
25	226
35	191
45	148
55	102
65	57
75	19
85	4
90	0
CCT Data	Multiplier
4000K	1.091
5000K	1.013

Cone	e of Light Tabulation	n
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	19.2	11.6
6	8.5	17.5
8	4.8	23.3
10	3.1	29.1
12	2.1	34.9
14	1.6	40.7
16	1.2	46.5

	4 0	Zo	onal Lumen Summa	у		
		Zone	Lumens	% of Luminaire		
D M		0-30	199	32.8%		
Data Mi	uitiplier	0-40	318	52.5%		
00K	1.091	0-60	523	86.4%		
0.01/	1.012	0-90	606	100%		
00K	1.013	90-180	0	0%		
		0-180	606	100%		

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

DLR56 Select 30	000K	391		Summary Power)	Con	e of Light Tabulatio	n
Input Voltage (VAC)	120	286	Angle	Mean CP	Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
System Level Power (W)	12.7		0	381	4	19.2	11.6
Delivered Lumens (Lm)	807		5	379	6	8.5	17.5
System Efficacy (Lm/W)	63.6	95	15	360	8	4.8	23.3
Correlated Color Temp (K)	3025	HAY ELI	25	325	10	3.1	29.1
Color Rendering Index (CRI)	91 R9=51		35	274	12	2.1	34.9
eam Angle	93°		45	202	14	1.6	40.7
5		F F F AND T	55	123	16	1.2	46.5
pacing Criteria	1.22		65	54			
			75	20			
			85	6	Zor	nal Lumen Summar	у
			90	0	-		
					Zone	Lumens	% of Luminaire
			CCT Data	Multiplier <sup>1</sup>	0-30	287	35.6%
			CCIData	Multiplier	0-40	458	56.8%
			4000K	1.091	0-60	724	89.7%

5000K

1.013

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

807

0

807

100%

0.0%

100%

0-90

90-180

0-180

	Perform	nance Data		
Model Number	ССТ	Lumens	Watts	Lumens/Watt
	3000	606	9.5	64.0
DLR4506120S	4000	661	9.5	69.6
	5000	614	9.5	64.6
	3000	807	12.7	63.6
DLR56508120S	4000	880	12.7	69.3
	5000	817	12.7	64.3

Recommended Dimmers <sup>1</sup>		Housing Compatibility <sup>1</sup>
DLR4	DLR4-5-FRAME	DLR4v5 NEW CONSTRUCTION FRAME
Lutron Caseta PD-10XN	19000A-LED-ID	4" LED IC AIRTIGHT NEW CONSTRUCTION HOUSING
Lutron Skylark SELV-300P	19001AR-LED-ID	4" LED IC AIRTIGHT REMODEL HOUSING
Lutron Diva DVCL-153P		MOST STANDARD 4" RECESSED HOUSINGS
DLR56	DLR56-5-FRAME	DLR56v5 NEW CONSTRUCTION FRAME
Legrand Adorne sofTap ADTP703TU	17014-LED-ID	6" LED IC AIRTIGHT NEW CONST. HOUSING
Legrand Adorne sofTap ADTP703TU Lutron Caseta PD-10XN	17014-LED-ID 17014AR-LED-ID	6" LED IC AIRTIGHT NEW CONST. HOUSING 6" LED IC AIRTIGHT REMODEL HOUSING
5		

<sup>1</sup>Not a complete list. Check compatibility before installation.



### Ordering

Ordering Information	on			Example: DLR56508120SWH
Series	Version	Voltage	CCT's	Trim Color
DLR4	<b>506</b> (600 lm) <sup>1</sup>	<b>120</b> (120)/AC)	<b>c</b> (2000/4000/5000K)	<b>WH</b> (White)
DLR56	<b>508</b> (800 lm) <sup>2</sup>	<b>120</b> (120VAC)	<b>S</b> (3000/4000/5000K)	wn (white)

Specifications and dimensions subject to change without notice.

1) 4" available in 600lm only

2) 6" available in 800lm only

Accessories	accessories sold separately
DLR4v5 New Construction Frame	DLR4-5-FRAME
4" Oil Rubbed Bronze Trim	DLR4-5-TR-OB
4" Black Trim	DLR4-5-TR-BK
4" Nickel Trim	DLR4-5-TR-NK
DLR56v5 New Construction Frame	DLR56-5-FRAME
6" Oil Rubbed Bronze Trim	DLR56-5-TR-OB
6" Black Trim	DLR56-5-TR-BK
6" Nickel Trim	DLR56-5-TR-NK
GU24 Socket String	GU24-IDEAL-SKT-STR

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

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.

