



DQR6

6" LED Square Retrofit Kit

The DQR6 takes everything you love about NICOR's recessed downlighting family with the added design aesthetic of a square trim. Compatible with most 6" recessed housings, this luminaire delivers incredible color accuracy with 90+ CRI and flexible dimming capabilities. Designed to boost energy efficiency, the LED light engine draws only 14.5 watts while achieving a light output to over 1200 lumens. The DQR6 is an ideal commercial, retail, institutional or residential downlight choice for retrofit or new construction. From LED color rendering and trim finishes to fixture performance, the design style blends nicely with other fixtures in this design series.

Aperture: Available in square baffle

CCT: 2700K, 3000K, or 4000K

High Performing LEDs: Greater than 90 CRI; R9 greater than 50

Reported Lifetime: Greater than 50,000 Hours

Power Draw: 14.5W

Input Voltage: 120V

Dimmable: To less than 10% with most standard TRIAC dimmers

Operating temperature: 0° to 120°F (-18°C to 49°C)

Installation: Quick and easy installation with a screw-in Edison base and torsion spring mounting system

Finish Options

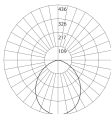


DQR6 | 6" LED Square Retrofit Kit

Photometric Data

DQR6 2700K

Input Voltage (VAC)	120V
System Level Power (W)	15.6
Delivered Lumens (lm)	1010
System Efficacy (lm/W)	65.0
Correlated Color Temp (K)	2700
Color Rendering Index (CRI)	91
Beam Angle	90°
Spacing Criteria	1.20



Intensity Summary (Candle Power)

Angle	Mean CP
0	434
5	431
15	412
25	373
35	316
45	247
55	174
65	99
75	28
85	4
90	0

CCT Data Multiplier

DQR6-10-120-3K	1.043
DQR6-10-120-4K	1.083

Cone of Light Tabulation

Mounted Height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	27.1	4.8
6	12.0	7.2
8	6.8	9.5
10	4.3	12.0
12	3.0	14.5
14	2.2	17.0
16	1.7	20.0

Zonal Lumen Summary

Zone	Lumens	% of Luminaires
0-30	329	32.5%
0-40	526	52.1%
0-60	873	86.5%
0-90	1010	100.0%
90-180	0	0.0%
0-180	1010	100.0%

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

Performance Data

Model Number	Lumens	Watts	Lumens/Watt
DQR6-10-120-3K	1010	15.6	65.0
DQR6-10-120-3K	1050	15.6	67.5
DQR6-10-120-4K	1091	15.6	70.1

Recommended Dimmers*

Lutron DIMR DVELV-300P
Lutron DIMR DVELV-303P
Lutron Skylark SELV-300P

*Not a complete list. Check compatibility before installation.

Housing Compatibility*

12014-LED-ID 6" LED IC AIRTIGHT NEW CONST. HOUSING
12014AB-LED-ID 6" LED IC AIRTIGHT REMODEL HOUSING
MOST STANDARD 6" RECESSED HOUSINGS

Ordering Information

Series	Version	Voltage	CCT's	Trim Color
DQR6	10 (v 1.0)	120 (V)	2K (2700 K)	WH-BF (White)
			3K (3000 K)	BK-BF (Black)
			4K (4000 K)	NK-BF (Nickel)
				OB-BF (Oil-rubbed Bronze)

* only available as special order. Contact MICOR for more info.

Accessories

Accessories sold separately

GU24 Socket String

GU24-IDEAL-SKT-STR

Dimensions

