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DQR4MA

4" Multi-Adjustable Recessed LED Downlight

Project

Catalog

Type

Date

Product Description

The DQR4MA multi-adjustable series is a modern, square architectural solution for both new construction and retrofit lighting of residential, commercial, and retail spaces. This multi-adjustable downlight can be fully rotated (359°) and pivoted (±30°) making it a very flexible option for wall wash and sloped ceilings. For precise aiming, the DQR4MA is easily adjusted from below the ceiling. The use of high efficiency LED technology to balance color for natural white light, exceptional color rendering of greater than 90 CRI, and high efficacy make this luminaire an ideal choice for homes, showrooms, conference rooms, corridors and other commercial spaces.

Construction
- Die cast aluminum housing
- Low profile integrated driver allows for use in shallow housings

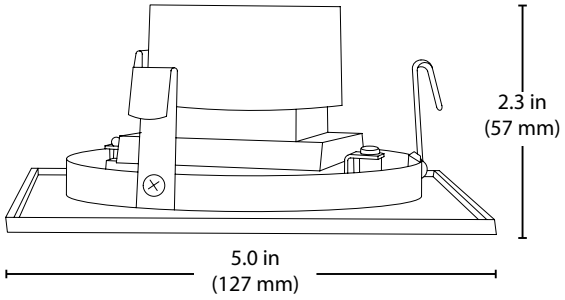
Optical System
- Polystyrene diffuser creates uniform light distribution that reduces glare without sacrificing lumen output

Electrical
- Utilizes high performing LEDs with greater than 90 CRI and an R9 greater than 50
- Input voltage of 120VAC
- Dimmable to 5% with recommended TRIAC dimmers
- Operating temperature rating of 0°F to 102°F (-18°C to 40°C)
- TM-21 Reported L70(6k) >36,000 hours
- LM-79 testing performed in accordance with IESNA standards
- Meets FCC Part 15, Subpart B, Class B standards for conducted and radiated emissions

Mounting and installation
- Compatible with most 4" recessed housings
- Quick and easy installation with a screw-in Edison base (GU24 socket string available) and friction clip mounting system

Finish
- Matte white powder coat finish

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



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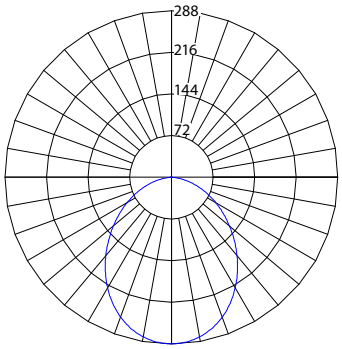
Photometric Data

DQR4MA 2700K

Input Voltage (VAC)	120
System Level Power (W)	8.9
Delivered Lumens (Lm)	669
System Efficacy (Lm/W)	75.2
Correlated Color Temp (K)	2703
Color Rendering Index (CRI)	92 R9=63
Beam Angle (0)	94°
Beam Angle (90)	94°
Spacing Criteria (0)	1.15
Spacing Criteria (90)	1.15



Intensity Summary (Candle Power)

Angle	Mean CP
0	288
5	286
15	271
25	240
35	199
45	154
55	110
65	70
75	34
85	6
90	0

CCT Data Multiplier

DQR4MA11203K	1.029
DQR4MA11204K	1.056
DQR4MA11205K	1.078

Cone of Light Tabulation

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	71.9	2.3
6	18.0	4.6
8	8.0	6.9
10	4.5	9.2
12	2.9	11.5
14	2.0	13.8
16	1.5	16.1

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	214	32%
0-40	338	50.6%
0-60	554	82.9%
0-90	669	100%
90-180	0	0%
0-180	669	100%

Performance Data

Model Number	Lumens	Watts	Lumens/Watt
DQR4MA11202K	669	8.9	75.2
DQR4MA11203K	688	8.9	77.3
DQR4MA11204K	706	8.9	79.3
DQR4MA11205K	721	8.9	81.0

Recommended Dimmers*

Lutron TGCL-153P
Lutron DVCL-153P
Adorne SofTap ADT703TU703TU
Lutron SCL-153P
Lutron 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" HOUSINGS	

Ordering Information

Example: DQR4MA11203KWH

Series	Version	Voltage	CCT's	Trim
DQR4MA	**1**	**120**	☐ **2K** (2700 K)	**WH**
			☐ **3K** (3000 K)	
			☐ **4K** (4000 K)	
			☐ **5K** (5000 K)	

Specifications and dimensions subject to change without notice.

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.