DQR4MA

4" Multi-Adjustable Recessed LED Downlight

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

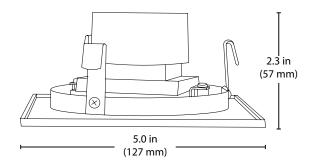
Warranty

- 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



Project

Catalog







Photometric Data

DQR4MA 2700K				\searrow	Intensity Sur (Candle Po		Cone of Light Tabulation		
put Voltage (VAC)	120	\cdot	216		Angle	Mean CP	Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
stem Level Power (W)	8.9		\times	$\langle \rangle$	0	288	4	71.9	2.3
elivered Lumens (Lm)	669	\square	$\langle \rangle / \langle \rangle$	+	5	286	6	18.0	4.6
stem Efficacy (Lm/W)	75.2	\vdash		\pm	15 25	271	8	8.0	6.9
prrelated Color Temp (K)	2703		3 A E		35	199	10	4.5	9.2
lor Rendering Index (CRI)	92 R9=63	HT		$F \rightarrow$	45	154	12 14	2.9 2.0	11.5 13.8
am Angle (0)	94°				55	110	14	2.0	13.8
-			XXIIX	\sim	65	70	10	1.5	10.1
am Angle (90)	94°		$\sqrt{///}$	\times \checkmark	75	34			
acing Criteria (0)	1.15	\sim	$\wedge + + \vee$	\setminus	85	6	Zonal Lumen Summary		
acing Criteria (90)	1.15	\prec	NIV	Y	90	0	Zone	Lumens	% of Luminair
							0-30	214	32%
					CCT Data Mu	ltiplier	0-40	338	50.6%
					DQR4MA11203K	1.029	0-60	554	82.9%
							0-90 90-180	669 0	100% 0%
					DQR4MA11204K	1.056	90-180 0-180	669	100%
					DQR4MA11205K	1.078	0.00		10070
	Performance	Data			Recommended Dir	nmers*	Hous	ing Compatibility*	
Model Number		Data Watts	Lumens/Watt		Recommended Dir			ing Compatibility*	UCTION HOUSING
Model Number DQR4MA11202K	Performance Lumens 669		Lumens/Watt 75.2			3P	19000A-LED-ID 4"		
	Lumens	Watts			Lutron TGCL-15	3P 3P	19000A-LED-ID 4"	.ED IC AIRTIGHT NEW CONSTR .ED IC AIRTIGHT REMODEL HO	
DQR4MA11202K	Lumens 669	Watts 8.9	75.2		Lutron TGCL-15	BP BP TU703TU	19000A-LED-ID 4" 19001AR-LED-ID 4"	.ED IC AIRTIGHT NEW CONSTR .ED IC AIRTIGHT REMODEL HO	
DQR4MA11202K DQR4MA11203K	Lumens 669 688	Watts 8.9 8.9	75.2 77.3		Lutron TGCL-15: Lutron DVCL-15: Adorne SofTap ADT703	BP BP TU703TU P	19000A-LED-ID 4" 19001AR-LED-ID 4"	.ED IC AIRTIGHT NEW CONSTR .ED IC AIRTIGHT REMODEL HO	
DQR4MA11202K DQR4MA11203K DQR4MA11204K	Lumens 669 688 706	Watts 8.9 8.9 8.9	75.2 77.3 79.3	4	Lutron TGCL-15: Lutron DVCL-15: Adorne SofTap ADT703 Lutron SCL-153	3P 3P TU703TU P	19000A-LED-ID 4" 19001AR-LED-ID 4" MOST STANDARD 4" HOUSING	.ED IC AIRTIGHT NEW CONSTR .ED IC AIRTIGHT REMODEL HO	
DQR4MA11202K DQR4MA11203K DQR4MA11204K	Lumens 669 688 706	Watts 8.9 8.9 8.9	75.2 77.3 79.3	4	Lutron TGCL-15: Lutron DVCL-15: Adorne SofTap ADT703 Lutron SCL-153 Lutron SELV 300	3P 3P TU703TU P	19000A-LED-ID 4" 19001AR-LED-ID 4" MOST STANDARD 4" HOUSING	.ED IC AIRTIGHT NEW CONSTR .ED IC AIRTIGHT REMODEL HO	
DQR4MA11202K DQR4MA11203K DQR4MA11204K	Lumens 669 688 706 721	Watts 8.9 8.9 8.9	75.2 77.3 79.3	4	Lutron TGCL-15: Lutron DVCL-15: Adorne SofTap ADT703 Lutron SCL-153 Lutron SELV 300	3P 3P TU703TU P	19000A-LED-ID 4" 19001AR-LED-ID 4" MOST STANDARD 4" HOUSING	LED IC AIRTIGHT NEW CONSTR LED IC AIRTIGHT REMODEL HO 55	

Series	Version	Voltage	CCT's	Trim
DQR4MA	1	120	2K (2700 K)	wн
			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.

