Quadrant

IP54 IK14 (100J) Bulkhead Class I Recessed Surface

TM65/66

Community and Public Custodial Secure Healthcare Transport

Quadrant is a vandal resistant bulkhead specifically designed for challenging environments, such as custodial and secure healthcare facilities, transport applications and community and public installations.

Standard Colours

Textured Black Textured White Matt Titanium

Product Information

Quadrant's opal diffuser provides a soft lit appearance, while providing uniform illumination, ensuring a consistent light distribution. Incorporating a removable gear tray ensures Quadrant is quick and easy to maintain, whilst enabling sustainable technology upgrades.

Community and Public applications include the interior communal spaces and exterior perimeter of buildings. Custodial applications include association areas and ancillary areas. Secure Health applications include corridors and circulation spaces.

This luminaire is designed for longevity and sustainability and adheres to our circular design principles. We conduct a circular economy assessment using TM66 and measure embodied carbon (kgCO e) in accordance with TM65.2.

Impact Resistance Rating: IK14 (100J). What is IK Rating?

Ingress Protection Rating: IP54. What is IP Rating?

Housing: Zinc coated steel body.

Paint: Polyester powder coat. All Colour Options Available Here.

Diffuser: Opal polycarbonate diffuser secured with tamperproof screws.

Driver: Electronic control gear on removable tray for ease of repair/upgrade with fused plug & socket connector block.

Mounting: Wall or ceiling.

Cable Entry: Provision for conduit entry in back and two sides.

Design Life: 30+ years. What is Design Life?

Technical Information

Quadrant	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L254mm				
DQ-800N-X-TB	759	6.9	110	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	1.5	CRI>80	-	$L_{70}B_{10}$>110,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	D	417	-
	Dimensions			
	254mm x 254mm x 95mm			
DQ-1100N-X-TB	1290	11.1	116	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	1.5	CRI>80	-	$L_{70}B_{10}$>110,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	D	417	-
	Dimensions			
	254mm x 254mm x 95mm			
DQ-1400N-X-TB	1703	16.1	106	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	1.5	CRI>80	-	$L_{70}B_{10}$>110,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	D	417	-
	Dimensions			
	254mm x 254mm x 95mm			
DQ-1900N-X-TB	2348	23.3	101	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	1.5	CRI>80	-	$L_{70}B_{10}$>110,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	D	417	-
	Dimensions			
	254mm x 254mm x 95mm			

■ Fitting Options

Coastal Paint Finish (Zone 2)	-Z2
Photo Cell	-PC
Microwave Sensor - Intelligent (Advanced)	-M7
Microwave Sensor - Basic	-M1
Microwave Sensor - Advanced	-M2
Microwave Sensor - Intelligent (Basic)	-M5
Semi-Recessed	-SR
IP Rating Upgrade	-IP
Blank Ends	-BE
Maintained Emergency 3 Hour, Self Test	-ES
Emergency Lithium	-EL
Change Over Relay, 240V Relay Supplied	-ER
Emergency Lithium DALI	-EK
Central Battery Maintained 110V	-EV
Non-Maintained 3 Hour Emergency	-NE
Maintained Emergency 3 Hour, DALI	-ED
Maintained Emergency 3 Hour	-E3
Textured Black	-TB
Textured White	-TW
Matt Titanium	-MT
Switch Dimming	-DI
DALI-2 Dimming / Monitoring	-DA
Corridor Function	-CF

• For paint colour options, please replace -TB with required paint code.

• -CF option will only work if combined with -M1 or -M2 or -M5 or -M7, or an external presence detection sensor supplied by others.

• -DA / -DI and -M1 / -M2 / -M5 / -M7 cannot be combined.

• -M5 option only available in 1400 and 1900lm versions.

• -M7 option only available in 1400 and 1900lm versions.

• Remote control for Intelligent MWS -M5 or -M7, order code : HRC-11.

• -IP upgrade to IP65 comes with a die cast Aluminium body.

• Please note the Quadrant now comes with Knock Outs for fixing and conduit holes and with no Besa Slots, the Gear Tray is also no longer secured with thumb screws. If you require a replacement gear tray and your fixings are thumb screws, please ask for QuadRetro trays.

• -NE cannot be combined with -DI/ -DA/ -CF/ -PC/ -M1/ -M2/ -M5/ -M7.

• -ER cannot be combined with -M1/ -M2/ -M5/ -M7.