



## Quadrangle

IP54

IK14 (100J)

Bulkhead

Class I

Surface

TM65/66

Community and Public

Quadrangle is a vandal resistant bulkhead designed specifically for community and public applications.

Standard Colours

Textured White

Textured Black

Matt Titanium

### Product Information

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

Applications include the interior communal spaces, exterior perimeter of buildings and car parks, both covered and open.

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<sub>2</sub>e) in accordance with [TM65.2](#).

**Impact Resistance Rating:** IK14 (100J). [Learn More.](#)

**Ingress Protection Rating:** IP54. [Learn More.](#)

**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.

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

**Design Life:** 30+ years. [Learn More.](#)

## ■ Technical Information

Quadrangle	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Opal				
DQR-800N-X-TB	810	8.4	96	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	2.1	CRI>80	-	L70B50>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	390	-
	Dimensions			
	254mm x 180mm x 204mm			
DQR-1100N-X-TB	1149	11.4	100	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	2.1	CRI>80	-	L70B50>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	390	-
	Dimensions			
	254mm x 180mm x 204mm			
DQR-1400N-X-TB	1703	16.1	105	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	2.1	CRI>80	-	L70B50>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	390	-
	Dimensions			
	254mm x 180mm x 204mm			
DQR-1900N-X-TB	2348	23.3	100	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	2.1	CRI>80	-	L70B50>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	390	-
	Dimensions			
	254mm x 180mm x 204mm			

## ■ Fitting Options

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

- For paint colour options, please replace -TB with required paint code.
- -CF option available 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 options 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.
- -NE cannot be combined with -DI/ -DA/ -CF/ -PC/ -M1/ -M2/ -M5/ -M7.
- -ER cannot be combined with -M1/ -M2/ -M5/ -M7.

