



## 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 Black

Textured White

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). [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.

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

**Design Life:** 30+ years. [What is Design Life?](#)

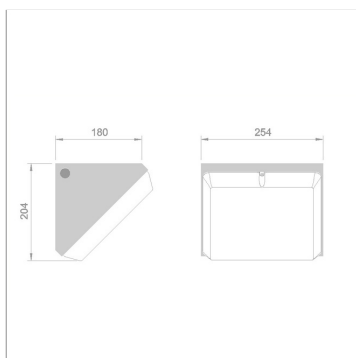
## ■ Technical Information

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			

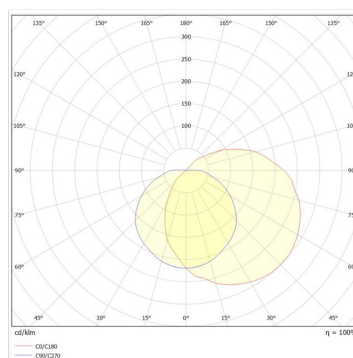
## ■ Fitting Options

Coastal Paint Finish (Zone 2)	-Z2
Photo Cell	-PC
Microwave Sensor - Intelligent (Advanced)	-M7
Microwave Sensor - Basic	-M1
Microwave Sensor - Advanced	-M2
Microwave Sensor - Intelligent (Basic)	-M5
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 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.



Quadrangle Drawing



Quadrangle Polar Curve