Quadrant S12

IP54 | IK08 (5J) | Bulkhead | Class I | Recessed | Surface | TM65/66

Transport

Quadrant S12 is a bulkhead luminaire specifically designed in accordance with fire precautions for subsurface rail stations (Section 12).

Standard Colours

Textured Black | Matt Titanium

Product Information

Quadrant S12's opal diffuser provides a soft lit appearance, while providing uniform illumination, ensuring a consistent light distribution. Incorporating a removable gear tray ensures Quadrant S12 is quick and easy to maintain, whilst enabling sustainable technology upgrades.

Quadrant S12 complies with London Underground subsurface standard S1085 utilising low smoke, zero halogen cables and control gear.

Applications include ticket halls, general circulation and back of house.

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 ($kgCO_2e$) in accordance with TM65.2.

Impact Resistance Rating: IK08 (5J). 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: Lead crystal opal glass diffuser secured with tamperproof screws.

Driver: Electronic control gear on removal tray for ease of repair/upgrade with fused plug & socket connector block. DALI driver as standard.

Mounting: Wall or ceiling.

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

Transport For London: PIR Reference PIR 10038.

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

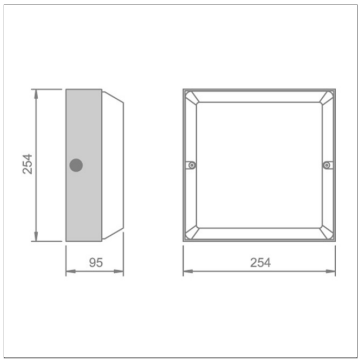
Technical Information

QuadrantS12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Opal Glass				
DQ-800N-X-TB-ST-DA	714	7.6	94	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.6	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	312	-
	Dimensions			
	254mm x 254mm x 95mm			
DQ-1100N-X-TB-ST-DA	1002	10.6	94	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.6	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	312	-
	Dimensions			
	254mm x 254mm x 95mm			
DQ-1400N-X-TB-ST-DA	1428	15.7	91	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.6	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	312	-
	Dimensions			
	254mm x 254mm x 95mm			
DQ-1900N-X-TB-ST-DA	1962	22.1	89	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.6	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	312	-
	Dimensions			
	254mm x 254mm x 95mm			

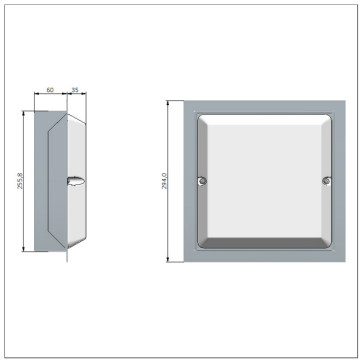
Fitting Options

Coastal Paint Finish (Zone 2)	-Z2
Photo Cell	-PC
Semi-Recessed	-SR
Blank Ends	-BE
Maintained Emergency 3 Hour, Self Test	-ES
Maintained Emergency 3 Hour	-E3
Textured Black	-TB
Matt Titanium	-MT
Switch Dimming	-DI
DALI-2 Dimming / Monitoring	-DA

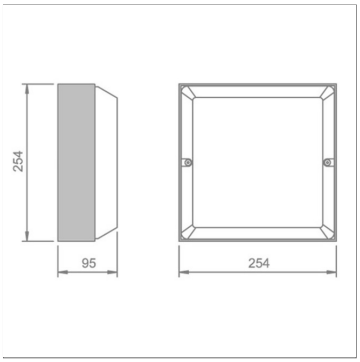
- For paint colour options, please replace -TB with required paint code.
- -DA / -DI and -PC options cannot be combined.
- -E3/ -ES options only available on non-DALI version.
- Please note the Quadrant now comes with Knock Outs for fixing and conduit holes and with no Besa Slots, the Gear Tray is also no longer secured with thumb screws. If you require a replacement gear tray and your fixings are thumb screws, please ask for QuadRetro trays.



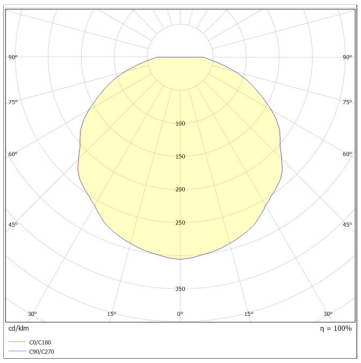
Quadrant S12 Drawing



Quadrant S12 Semi-Recessed Option



Quadrant S12 Blank Ends Option Drawing



Quadrant S12 Polar Curve