



## Quadratum S12

IP65

IK08 (5J)

Modular

Class I

Recessed

TM65/66

Transport

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

Standard Colours

Pure White

Textured White

### Product Information

Quadratum S12's uniform illumination ensures a consistent light distribution, enhancing visibility and reducing glare. Incorporating a removable gear tray ensures Quadratum S12 is quick and easy to maintain, whilst enabling sustainable technology upgrades. Quadratum S12 complies with London Underground subsurface standard S1085 utilising low smoke, zero halogen cables and control gear.

Applications include ticket areas, 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<sub>2</sub>e) in accordance with [TM65.2](#).

**Impact Resistance Rating:** IK08 (5J). [What is IK Rating?](#)

**Ingress Protection Rating:** IP65. [What is IP Rating?](#)

**Housing:** Mild steel body, zinc coated steel frame.

**Paint:** Polyester powder coat. [All Colour Options Available Here.](#)

**Diffuser:** Frosted toughened glass diffuser in frame secured with tamperproof screws.

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

**Mounting:** Ceiling.

**Cable Entry:** Provision for cable entry in back.

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

**Additional Information:** Designed to suit concealed fix Z systems (requires independent suspension).

■ **Technical Information**

QuadratumS12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
<b>Glass</b>				
D936-5000N-F-TW-ST	3621	35.6	102	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	12.2	CRI>80	-	L <sub>80</sub> B <sub>10</sub> >100,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	B	559	-
	<b>Dimensions</b>			
	598mm x 598mm x 95mm			
D936-5000W-F-TW-ST	3480	35.6	98	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	12.2	CRI>80	-	L <sub>80</sub> B <sub>10</sub> >100,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	C	537	-
	<b>Dimensions</b>			
	598mm x 598mm x 95mm			

## ■ Fitting Options

Maintained Emergency 3 Hour, Self Test	-ES
Maintained Emergency 3 Hour, DALI	-ED
Maintained Emergency 3 Hour	-E3
Pure White	-PW
Textured White	-TW
Switch Dimming	-DI
DALI-2 Dimming / Monitoring	-DA

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

