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 ₂e) 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.
Transport For London: PIR Reference PIR 4501.
Design Life: 30+ years. What is Design Life?
Additional Information: Designed to suit concealed fix Z systems (requires independent suspension).

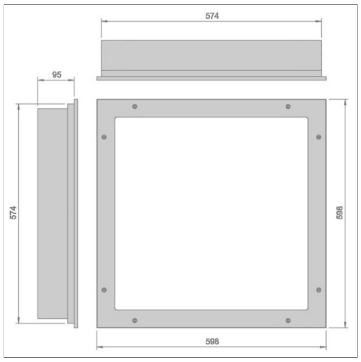
Technical Information

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

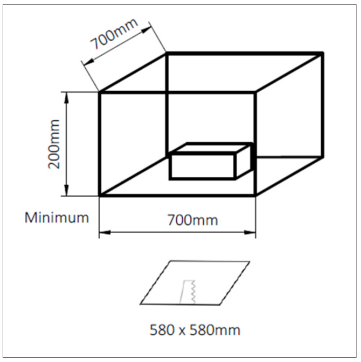
Fitting Options

DALI with **% Pre-set	-D
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

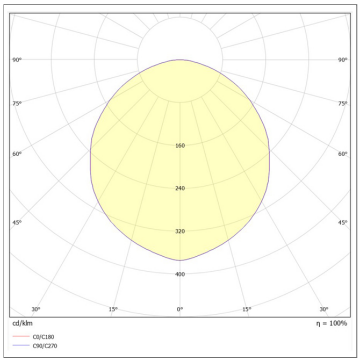
• For paint colour options, please replace -TW with required paint code.



Quadratum S12 Drawing



Quadratum S12 Minimum Ceiling Void and Ceiling Cut-out



Quadratum S12 Polar Curve

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