



## Quadratum S12 G2 Surface

IP65

IK08 (5J)

Modular

Class I

Surface

TM65/66

Transport

Quadratum S12 G2 Surface is a surface mounted luminaire specifically designed in accordance with fire precautions for subsurface rail stations (Section 12).

Standard Colours

Textured White

### Product Information

Quadratum S12 G2 Surface's uniform illumination ensures a consistent light distribution, enhancing visibility and reducing glare. Incorporating a removable gear tray ensures Quadratum S12 G2 Surface is quick and easy to maintain, whilst enabling sustainable technology upgrades.

Quadratum S12 G2 Surface 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?](#)



■ Technical Information

QuadratumS12G2Surface	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Glass				
D936-G2-2000N-TW-ST	2110	17.4	122	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	12.3	CRI>80	-	L80B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	560	-
	Dimensions			
	610mm x 610mm x 100mm			
D936-G2-3000N-TW-ST	3018	24.6	123	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	12.3	CRI>80	-	L80B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	560	-
	Dimensions			
	610mm x 610mm x 100mm			
D936-G2-4000N-TW-ST	3997	31.7	126	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	12.3	CRI>80	-	L80B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	560	-
	Dimensions			
	610mm x 610mm x 100mm			
D936-G2-5000N-TW-ST	5019	41.5	121	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	12.3	CRI>80	-	L80B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	560	-
	Dimensions			
	610mm x 610mm x 100mm			
D936-G2-2000W-TW-ST	2028	17.4	117	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	12.3	CRI>80	-	L80B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	538	-
	Dimensions			
	610mm x 610mm x 100mm			



QuadratumS12G2Surface	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Glass				
D936-G2-3000W-TW-ST	2901	24.6	118	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	12.3	CRI>80	-	L80B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	538	-
	Dimensions			
	610mm x 610mm x 100mm			
D936-G2-4000W-TW-ST	3842	31.7	121	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	12.3	CRI>80	-	L80B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	538	-
	Dimensions			
	610mm x 610mm x 100mm			
D936-G2-5000W-TW-ST	4824	41.5	116	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	12.3	CRI>80	-	L80B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	538	-
	Dimensions			
	610mm x 610mm x 100mm			



## ■ Fitting Options

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

