Starguard

Area floodlight luminaires



Starguard is the Thorlux floodlight with a flat glass optic for full horizontal cut-off.

The highly efficient Starguard meets the strictest UK national standards for the eradication of sky glow, with key versions emitting zero upward lighting. The high elevation peak beam angle provides outstanding area coverage. Available in 62 W or 140 W LED versions; SmartScan lighting management is also available for this product.

Applications: car parks, airports, railways, security, amenity areas, commercial, retail, and industrial sites.

- Aluminium heat sink ensures cool running of control gear and LEDs for optimum life in high ambient temperatures
- High elevation peak beam angle for outstanding area coverage relative to mounting height
- High beam efficiency with low glare
- Universal bracket for wall or column mounting
- Photocell option
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

Notes: Column top versions - Mounting pots or crossarms are required for this luminaire and must be ordered separately

IP65 | Up to 120.3 LL/CW | SMARTSCAN | LED PROTECT

Specification

Mounting	**Column**	IP rating	**IP65**
Windage rating	**0.1 m²**	Max presence detection height	**8 m**

Lighting

Optic	**Clear cover**	Lumen output	**8,025 lm - 18,050 lm**
Efficacy	**Up to 120.3 LL/CW**	External upward light	**Zero upward light**

Power

LED power	**62 W - 140 W**	Circuit power	**68 W - 150 W**

Construction

Housing	**Corrosion-resistant and fire-retardant GRP moulded body**	Body colour	**Light Grey**
Optical assembly	**Toughened safety glass cover**	Gasket	**Long life silicone gasket**
Cover fixings	**Stainless steel Pozidriv**		

LED characteristics

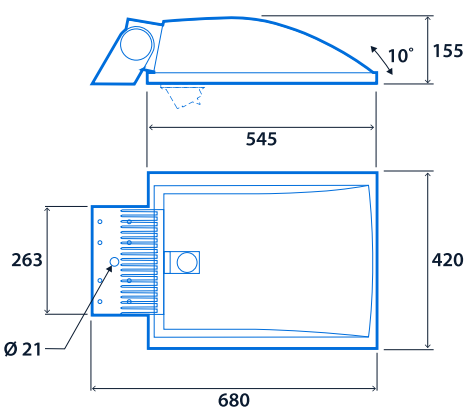
CRI	**70+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L90/B10**	LED protection	**LED Protect**
Driver efficiency	**>90%**	Replaceable light source	**Yes**
Power factor	**>0.9**	MacAdam ellipse	**5 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

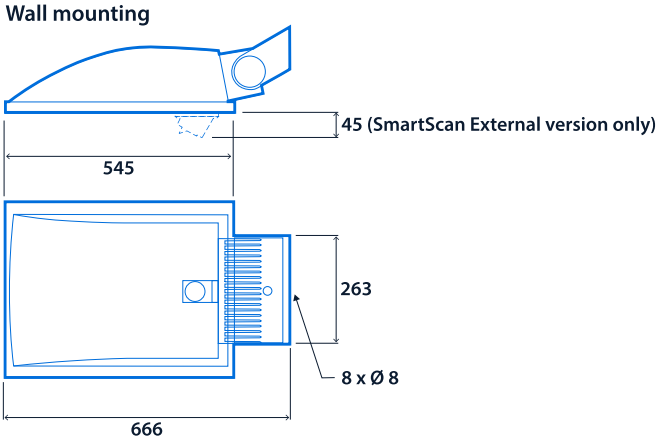
UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class C**		

Dimensions

Column top mounting



Wall mounting



Range

	LED power	3000 K	4000 K	Lighting control system
SmartScan	62 W	**STG20410**	**STG19020**	**SS**
	140 W	**STG20411**	**STG19021**	**SS**
Standard	62 W	**STG20412**	**STG17565**	**L / LPC**
	140 W	**STG20413**	**STG17566**	**L / LPC**

Lighting control system - suffix catalogue number with **SS** SmartScan External / **L** Non-dimming / **LPC** Photocell (non-dimming)

E.g. **STG20410SS** = 62 W / 3000 K / SmartScan External

Mounting Accessories

Product code	Description	Weight
CA2-89	Twin floodlight mounting crossarm - To fit on to 76 mm dia.	-
CA2-114	Twin floodlight mounting crossarm - To fit on to 101 mm dia.	-
CA2/SG-89	Twin back to back floodlight mounting crossarm - Fits over 76 mm dia. shaft	-
CA2/SG-114	Twin back to back floodlight mounting crossarm - Fits over 101 mm dia. shaft	-
POT-89R	Single floodlight mounting pot - To fit on to 76 mm dia.	-
POT-114R	Single floodlight mounting pot - To fit on to 101 mm dia.	-

Single or Twin Luminaire Columns

Product code	Description	Weight
FC4	4 m - Standard duty column - 76 mm shaft diameter	33 kg
FC5	5 m - Standard duty column - 76 mm shaft diameter	40 kg
FC6	6 m - Standard duty column - 76 mm shaft diameter	44 kg
FC8	8 m - Medium duty column - 114 mm shaft diameter reduced at top to 101 mm	100 kg
FC10	10 m - Medium duty column - 114 mm shaft diameter reduced at top to 101 mm	142 kg






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View Starguard variants using our online filtering tool



Information is correct as of 16 Nov 2026, however must not be interpreted as a guarantee of individual product performance and/or characteristics. We reserve the right to alter specifications and designs without prior notice.