Starbeam

LED area floodlights and streetlights



The Thorlux Starbeam is a supremely efficient and optically versatile IP66 pole-top or wall-mounted LED luminaire.

Starbeam comprises a marine-grade LM6 aluminium alloy body and high-transmission toughened glass cover, maximising LED efficiency and optical distribution. Using the patented MountSet fixing method, Starbeam fits column and bracket diameters from 34 mm to 76 mm without the need for additional reducers or inserts, and is easily installed with tool-free access.

Starbeam is available with a selection of light distributions suitable for both open areas and roadway applications, enabling seamless implementation into designs.

Applications: car parks, amenity areas, walkways, general roadways, access roads, and loading areas/yards.

- Strong high pressure die-cast LM6 aluminium body with toughened glass cover
- Area and roadway optics, with a selection of distribution types available
- Extremely efficient and long system life up to 100,000 hours
- The innovative and patented MountSet mechanism ensures a secure, universal fit for diameters from 34 mm to 76 mm, eliminating the need for reducers or adaptors
- Tool-free access for easy installation and maintenance
- Front, rear and side baffles available to order separately
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- Photocell option

IP66 **IK08** **Up to 196.3 LL/CW** SMARTSCAN LED PROTECT **TM66 circularity score 2.7**

Specification

Mounting	**Column** **Surface**	IP rating	**IP66**
Impact rating	**IK08**	Max presence detection height	**8 m**

Sustainability

TM66 circularity score	**2.7**

Lighting

Optic	**Clear glass cover**	Distribution	**GA1 area / GR4 roadway** **GA2 area** **GA3 area** **GR1 roadway** **GR2 roadway** **GR3 roadway** **GR5 roadway** **GR7 roadway** **GR8 roadway** **GR9 roadway** **GR12 roadway** **GR13 roadway**
Lumen output	**5,075 lm - 19,235 lm**	Efficacy	**Up to 196.3 LL/CW**
External upward light	**Zero upward light**		

Power

LED power	**36 W - 126 W**	Circuit power	**38 W - 133 W**

Construction

Housing	**Strong high pressure die-cast LM6 aluminium body, lid and gear compartment**	Finish	**Full polyester powder coat**
Body colour	**Silver (RAL 9006)**	Optical assembly	**Flat glass cover with zero upward light and high efficiency lenses with a wide range of optical distributions**

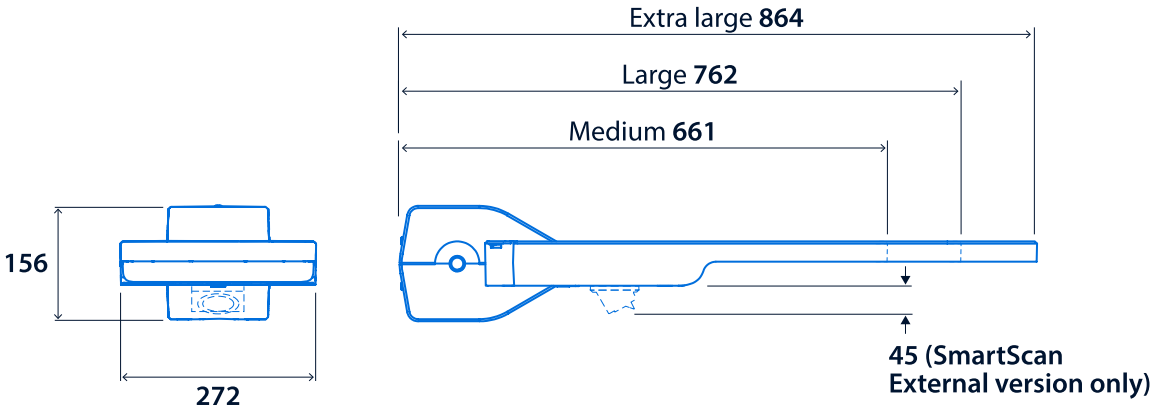
LED characteristics

CRI	**70+**	Colour temperature	**2200 K** **2700 K** **3000 K** **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**
C-Tick (Aus)	**Yes**		

Dimensions



Starbeam

Range

Product	LED power	Distribution	Colour temperature	Product version	Lighting control system
SB Starbeam	**036** 36 W **059** 59 W **072** 72 W **100** 100 W **126** 126 W **213** 213 W	**A** GA2 area **B** GA3 area **C** GR5 roadway **D** GR3 roadway **E** GR13 roadway **F** GR1 roadway **G** GR2 roadway **H** GR7 roadway **I** GR8 roadway **J** GR9 roadway **K** GR12 roadway **L** GA1 area / GR4 roadway	**22** 2200 K **27** 2700 K **30** 3000 K **40** 4000 K	**M** Medium * **L** Large ** **E** Extra large ***	**S** SmartScan External **L** Non-dimming

* **Only** available on **36 W / 59 W / 72 W** versions ** **Only** available on **100 W / 126 W** versions *** **Only** available on **213 W** versions

Black version - suffix catalogue number with **B6**

E.g. **SB036A22MSB6** = Starbeam / 36 W / GA2 Area / 2200 K / Medium / SmartScan External / Black version

Mounting Accessories

Product code	Description	Weight
SB15863	Single outreach arm - To fit on to 76 mm dia.	-
SB17788	Single outreach arm - To fit on to 89 mm dia.	-
SB15865	Single outreach arm - To fit on to 101 mm dia.	-
SB17180	Single outreach arm - To fit on to 114 mm dia.	-
SB15864	Twin outreach arm 180° - To fit on to 76 mm dia.	-
SB17789	Twin outreach arm 180° - To fit on to 89 mm dia.	-
SB15866	Twin outreach arm 180° - To fit on to 101mm dia.	-
SB17181	Twin outreach arm 180° - To fit on to 114 mm dia.	-
SB15890K	Twin outreach arm 90° - To fit on to 76 mm dia. - Supplied with 2 x 76-60 mm reducer kits (SB15809)	-
SB19695K	Twin outreach arm 90° - To fit on to 89 mm dia. - Supplied with 2 x 76-60 mm reducer kits (SB15809)	-
SB15893K	Twin outreach arm 90° - To fit on to 101 mm dia. - Supplied with 2 x 76-60 mm reducer kits (SB15809)	-
SB15896K	Triple outreach arm 120° - To fit on to 89 mm dia. - Supplied with 3 x 76-60 mm reducer kits (SB15809)	-
SB15894K	Triple outreach arm 120° - To fit on to 101 mm dia. - Supplied with 3 x 76-60 mm reducer kits (SB15809)	-
SB15897K	Quad outreach arm N-S-E-W - To fit on to 89 mm dia. - Supplied with 4 x 76-60 mm reducer kits (SB15809)	-
SB15895K	Quad outreach arm N-S-E-W - To fit on to 101 mm dia. - Supplied with 4 x 76-60 mm reducer kits (SB15809)	-
SB15808	Wall mounting bracket	-
POT89-76	Column adaptor - 89-76 mm - To fit on to 89 mm dia.	-
POT101-76	Column adaptor - 101-76 mm - To fit on to 101 mm dia.	-
POT114-76	Column adaptor - 114-76 mm - To fit on to 114 mm dia.	-

Accessories

Product code	Description	Weight
SB20921	Side baffle - Medium version - Suitable for 36 W, 59 W and 72 W body sizes only	0.1 kg
SB20922	Side baffle - Large version - Suitable for 100 W and 126 W body sizes only	0.15 kg
SB20923	Side baffle - Extra large version - Suitable for 213 W body sizes only	0.19 kg
SB20924	Front baffle - Universal - Suitable for all Starbeam body sizes	0.1 kg
SB20925	Rear baffle - Universal - Suitable for all Starbeam body sizes	0.1 kg

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View Starbeam variants using our online filtering tool



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