Starbeam Plus

LED area floodlights

IP66 wall- or pole-mounted LED luminaire with aluminium cast body and wiring box with glass cover. Integral high-quality driver. Emergency, SmartScan and photocell options.

Applications: car parks, amenity areas, sports areas, and large open spaces.

- Strong high pressure die-cast LM6 aluminium body with clear toughened/safety glass cover
- Area or flood distribution options
- Integral high efficiency driver
- Extremely efficient and long system life up to 100,000 hours
- Universal bracket for wall or column mounting
- Photocell option
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

Notes: Warmer colour temperatures available to special order



Up to IP66 | IK08 | Up to 141.0 LL/CW | SMARTSCAN | LED PROTECT

Specification

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

Lighting

Optic	**Clear cover**	Distribution	**Area** **Flood**
Lumen output	**3,810 lm - 37,315 lm**	Efficacy	**Up to 141.0 LL/CW**
External upward light	**Zero upward light**		

Emergency data

Emergency type	**Maintained**	Emergency duration	**3 hours**
Battery specification	**Nickel Metal Hydride (NiMH)**		

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Power

LED power	**31 W - 276 W**	Circuit power	**35 W - 297 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	**Toughened safety glass cover**

LED characteristics

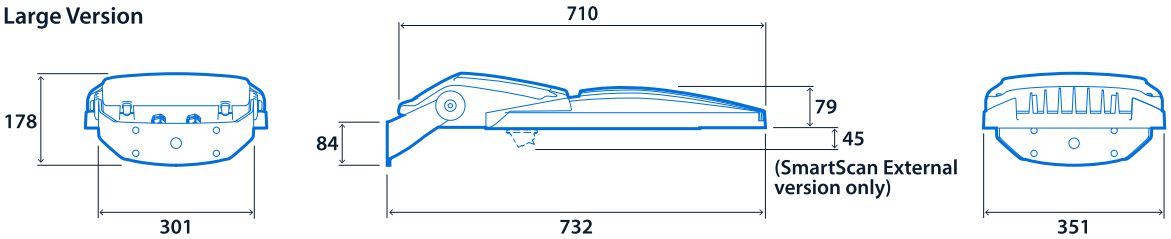
CRI	**70+**	Colour temperature	**3000 K** **4000 K**
Rated life (hours)	**100 K - L90/B10**	LED protection	**LED Protect**
Driver efficiency	**>90%**	Replaceable light source	**Yes**
Power factor	**>0.9**	MacAdam ellipse	**5 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

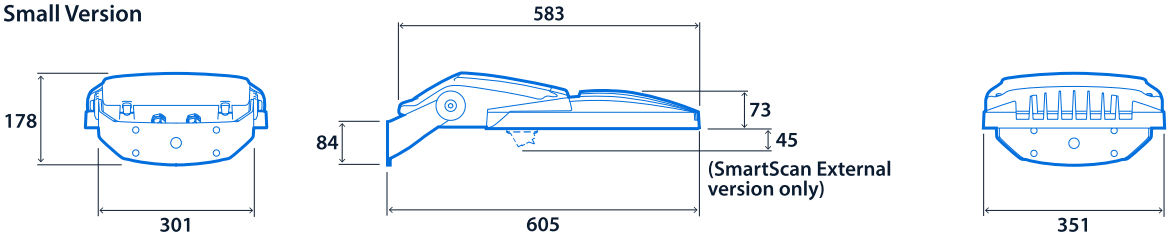
UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class C**		

Dimensions

Large Version



Small Version



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Range

	Emergency system (optional)***	Product	LED power	Distribution	Colour temperature	Lighting control system
Small version	**W** SmartScan Emergency* **E** Standard Emergency**	**SM** Starbeam Plus	**031** 31 W **062** 62 W **088** 88 W **123** 123 W **161** 161 W	**A2** Area **A5** Flood	**3** 3000 K **4** 4000 K	**S** SmartScan External **L** Non-dimming **P** Photocell
Large version		**SM** Starbeam Plus	**197** 197 W **215** 215 W **276** 276 W	**A2** Area **A5** Flood	**3** 3000 K **4** 4000 K	**S** SmartScan External **L** Non-dimming **P** Photocell

* **Only** available with **S** control type ** **Only** available with **L / P** control type *** **Only** available on **31 W / 62 W / 88W** versions

E.g. **WSM031A23S** = Small version / SmartScan Emergency / Starbeam Plus / 31 W / Area distribution / 3000 K / SmartScan External

Mounting Accessories

Product code	Description	Weight
POT-89R	Single floodlight mounting pot - To fit on to 76 mm dia.	-
POT-101R	Single floodlight mounting pot - To fit on to 89 mm dia.	-
POT-114	Single floodlight mounting pot - To fit on to 101 mm dia.	-
POT-127	Single floodlight mounting pot - To fit on to 114 mm dia.	-
POT-140	Single floodlight mounting pot - To fit on to 127 mm dia.	-
CA2-89	Twin floodlight mounting crossarm - To fit on to 76 mm dia.	-
CA2-101	Twin floodlight mounting crossarm - To fit on to 89 mm dia.	-
CA2-114	Twin floodlight mounting crossarm - To fit on to 101 mm dia.	-
CA2-127	Twin floodlight mounting crossarm - To fit on to 114 mm dia.	-
CA2-140	Twin floodlight mounting crossarm - To fit on to 127 mm dia.	-
CA3-89	Triple floodlight mounting crossarm - To fit on to 76 mm dia.	-
CA3-101	Triple floodlight mounting crossarm - To fit on to 89 mm dia.	-
CA3-114	Triple floodlight mounting crossarm - To fit on to 101 mm dia.	-
CA3-127	Triple floodlight mounting crossarm - To fit on to 114 mm dia.	-
CA3-140	Triple floodlight mounting crossarm - To fit on to 127 mm dia.	-
CA4-89	Quad floodlight mounting crossarm - To fit on to 76 mm dia.	-
CA4-101	Quad floodlight mounting crossarm - To fit on to 89 mm dia.	-
CA4-114	Quad floodlight mounting crossarm - To fit on to 101 mm dia.	-
CA4-127	Quad floodlight mounting crossarm - To fit on to 114 mm dia.	-
CA4-140	Quad floodlight mounting crossarm - To fit on to 127 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

Triple or Quad Luminaire Columns

Product code	Description	Weight
FC4/89	4 m - Medium duty column - 89 mm shaft diameter	60 kg
FC5/89	5 m - Medium duty column - 89 mm shaft diameter	64 kg
FC6/89	6 m - Medium duty column - 89 mm shaft diameter	68 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

Accessories

Product code	Description	Weight
SB20165	Rear shield - Small/large versions	0.4 kg
SB20162	Front shield - Small version	0.2 kg
SB20163	Side shield - Small version	0.2 kg
SB20328	Front shield - Large version	0.4 kg
SB20329	Side shield - Large version	0.4 kg





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Information is correct as of 10 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.