

LED area floodlights and street lights

Supremely efficient long life IP66 pole top and wall mounted LED luminaires with aluminium cast body and wiring box and polycarbonate cover. Integral high quality LED driver. Emergency, SmartScan and photocell options.

Applications: car parks, amenity areas, hospital estates, general roadway.

- Strong high pressure die-cast LM6 aluminium body with polycarbonate cover
- Area or roadway optical distributions
- Integral high efficiency driver
- Extremely efficient and long system life up to 100,000 hours
- Suitable for ambient temperatures up to 50°C
- Wide range of mounting options, including wall mounting bracket
- Photocell option
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

Notes: Emergency versions not suitable for high ambient temperatures / Glass cover versions available to special order



Up to IP66

IK10

Up to 144.5 LL/CW

SMARTSCAN

LED PROTECT

Specification

Mounting	Column Surface	IP rating	Up to IP66
Impact rating	IK10	Max presence detection height	8 m

Lighting

Optic	Clear cover	Distribution	Area Roadway
Lumen output	3,225 lm - 29,995 lm	Efficacy	Up to 144.5 LL/CW
External upward light	Zero upward light		

Emergency data

Emergency lumen output	320 lm - 625 lm	Emergency type	Maintained
Emergency duration	3 hours	Battery specification	Nickel Metal Hydride (NiMH)

Power

LED power	31 W - 197 W	Circuit power	35 W - 209 W
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Construction

Housing	Strong high pressure die-cast LM6 aluminium body, lid and gear compartment	Finish	Full polyester powder coat
Body colour	Silver (RAL 9006) body / Graphite lid	Optical assembly	Polycarbonate cover and acrylic high efficiency LED lens

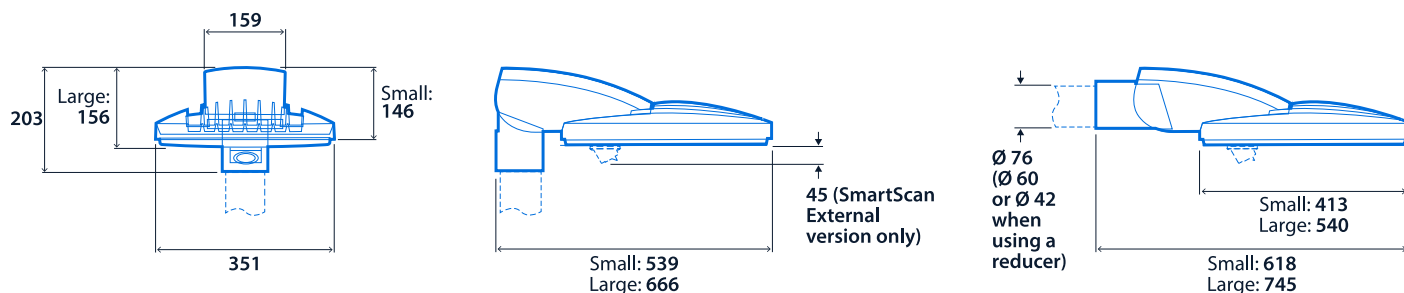
LED characteristics

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

Compliance

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

Dimensions



Range

	Emergency system (optional)	Product	LED power	Distribution	Photocell	Lighting control system
Small version	W SmartScan Emergency*	SB Starbeam	031 31 W	A2 Area	X Without photocell	S SmartScan External
			062 62 W	R5 Roadway	P With photocell**	L Non-dimming
			088 88 W			
			123 123 W			
			161 161 W			
Large version		SB Starbeam	197 197 W	A2 Area	X Without photocell	S SmartScan External
				R5 Roadway	P With photocell**	L Non-dimming

* Only available with S control type on 31 W / 62 W / 88W versions ** Only available with L control type
E.g. WSB031A2XS = Small version / SmartScan Emergency / Starbeam / 31 W / Area distribution / Without photocell / SmartScan External

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 101 mm 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)	-
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.	-
SB15809	Bracket arm reducer - 76-60 mm - To fit on to 60 mm bracket arm	-
SB15810	Bracket arm reducer - 76-42 mm - To fit on to 42 mm bracket arm	-
SB15808	Wall mounting bracket	-

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





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Information is correct as of 07 Feb 2025, 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.