

Acorn

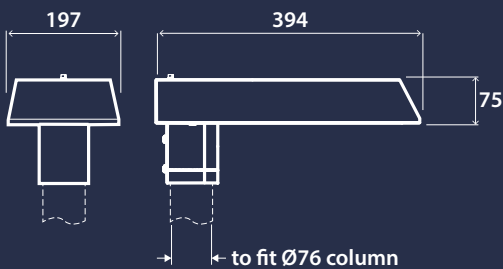
Highly sustainable exterior floodlights



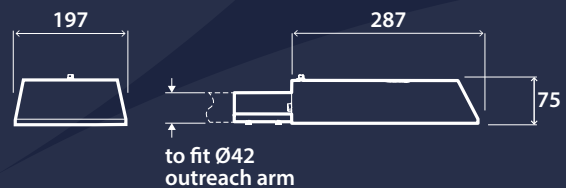
- Programme for the Endorsement of Forest Certification (PEFC) certified European oak body
- Industry leading TM66 score of 3.1 - LIA/CIBSE certification scheme TSD-012 verified
- DarkSky approved (2700 K versions at 0° tilt only)
- Integral high-efficiency driver
- Extremely efficient and long system life up to 100,000 hours
- Wide range of mounting options
- Photocell option
- Fitted with 6 m lead - different lengths available upon special request

Notes: Other colour temperatures available to special order

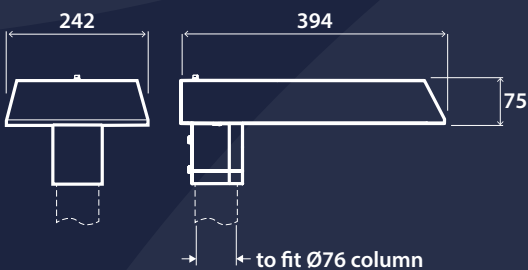
9W / 27W versions Vertical column top



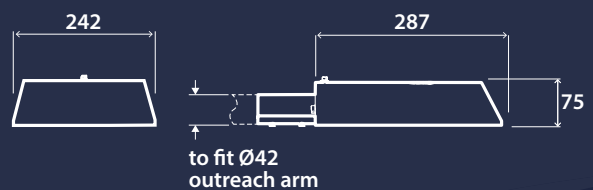
Horizontal outreach arm



55W versions Vertical column top



Horizontal outreach arm



Ordering

Product	LED Power	Mounting	Distribution	Colour Temperature	Lighting Control System
AC Acorn	09 9W	V Vertical 76mm column top	A2 Area	2 2700k	L Non-dimming
	27 27W	H Horizontal 42mm outreach arm	R5 Roadway		P Photocell
	55 55W				

E.g. AC09VA22L = 9W / Vertical 76mm column top / Area / 2700 K / Non-dimming

Mounting Accessories		
Product Code	Description	Weight
AC20630	Single outreach arm - To fit on to 76 mm dia.	-
AC20631	Single outreach arm - To fit on to 89 mm dia.	-
AC20632	Single outreach arm - To fit on to 101 mm dia.	-
AC20633	Single outreach arm - To fit on to 114 mm dia.	-
AC20635	Twin outreach arm 180° - To fit on to 76 mm dia.	-
AC20636	Twin outreach arm 180° - To fit on to 89 mm dia.	-
AC20637	Twin outreach arm 180° - To fit on to 101 mm dia.	-
AC20638	Twin outreach arm 180° - To fit on to 114 mm dia.	-
AC20640	Twin outreach arm 90° - To fit on to 76 mm dia.	-
AC20641	Twin outreach arm 90° - To fit on to 89 mm dia.	-
AC20642	Twin outreach arm 90° - To fit on to 101 mm dia.	-
AC20643	Twin outreach arm 90° - To fit on to 114 mm dia.	-
AC20644	Wall mounting bracket (horizontal mounting only)	-
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.	-

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
FC12/101	12 m - Medium duty column - 140 mm shaft diameter reduced at top to 101 mm	226 kg

Accessories		
Product Code	Description	Weight
AC20646	Acorn front or rear baffle - 9 W and 27 W versions	-
AC20647	Acorn front or rear baffle - 55 W versions	-

Technical Specification

Specification			
Mounting	Column	IP rating	Up to IP66
Impact rating	IK07	Max presence detection height	8 m

Sustainability	
TM66 circularity score	3.1

Lighting			
Distribution	Area Roadway	Lumen output	1,740 lm - 10,965 lm
Efficacy	Up to 182.8 LL/CW	External upward light	Zero upward light

Power			
LED power	9 W - 55 W	Circuit power	11 W - 60 W

Construction			
Housing	100% industrial recycled polycarbonate gear enclosure >90% recycled aluminium gear tray and mounting brackets with raw finish Programme for the Endorsement of Forest Certification (PEFC) certified European oak body	Optical assembly	High-efficiency sealed acrylic lenses

LED characteristics			
CRI	70+	Colour temperature	2700 K
Rated life (hours)	100 K - L90/B10	LED protection	-
Driver efficiency	>85%	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 B		