

Highly sustainable exterior floodlight

Acorn has been engineered to redefine the benchmarks of sustainability. Crafted with a commitment to environmental responsibility, each component has been carefully selected to ensure minimal ecological impact throughout its lifecycle.

The IP66 housing is manufactured from European oak, 100% post-industrial recycled polycarbonate gear enclosure and 90% recycled aluminium gear tray and mounting bracket. Highly efficient driver and PMMA lenses ensure low running costs and low operational carbon.

Acorn has achieved an industry-leading TM66 score of 3.1 which has been verified as the highest published score of any luminaire under the LIA/CIBSE certification scheme TSD-012 to date.

Acorn is also Darksky approved due to its zero upward light and 2700 K colour temperature. In combination with the SmartScan External control system the impact on its immediate environment once installed can also be kept to the absolute minimum.

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

- 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
- SmartScan wireless technology removes the need for control cabling. Ideal for retrofit

Notes: Other colour temperatures available to special order



Up to IP66
IK07
Up to 182.8 LL/CW
 SMARTSCAN
TM66 circularity score 3.1

Specification

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

Sustainability

TM66 circularity score	3.1
------------------------	-----

Lighting

Lumen output	1,740 lm - 10,965 lm	Efficacy	Up to 182.8 LL/CW
--------------	----------------------	----------	-------------------

Power

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

LED characteristics

CRI	70+	Colour temperature	2700 K 4000 K
Rated life (hours)	100 K - L90/B10		

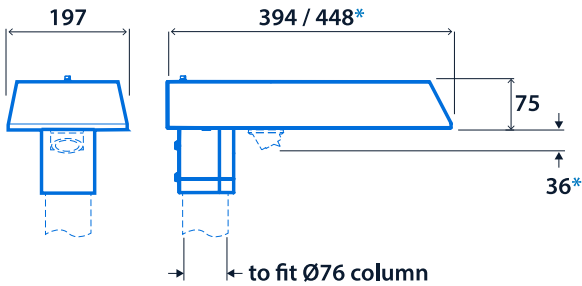
Compliance

UKCA	Yes	CE	Yes
------	-----	----	-----

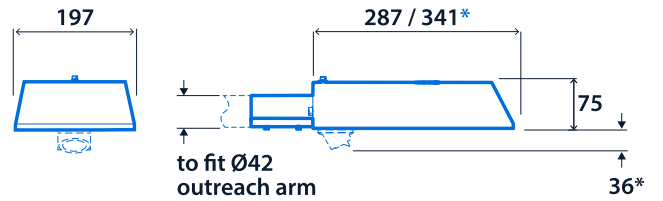
Dimensions

9W / 27W versions

Vertical pole top

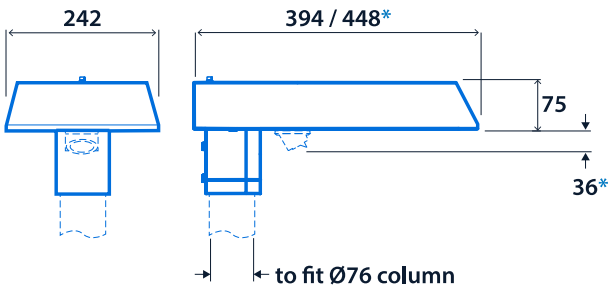


Horizontal outreach arm

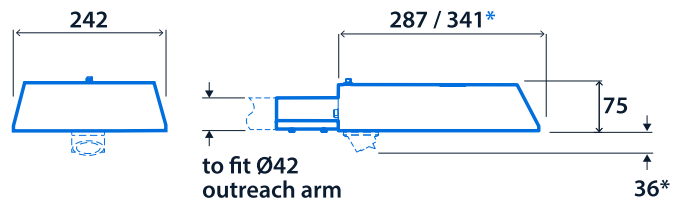


55W versions

Vertical pole top

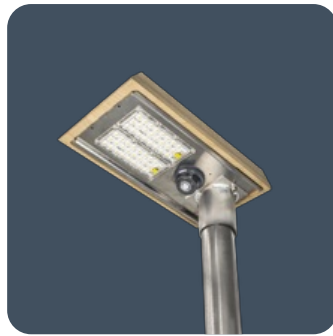
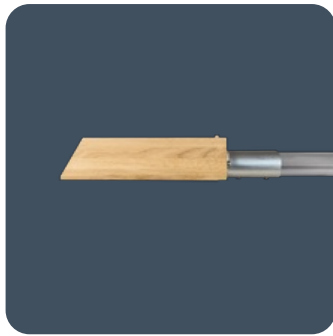


Horizontal outreach arm



*SmartScan External version only

Acorn



Click or scan here
View Acorn variants using our
online filtering tool



Information is correct as of 21 Jan 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.