Acorn



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





Specification

MountingColumnIP ratingUp to IP66Impact ratingIK07Max presence detection height8 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

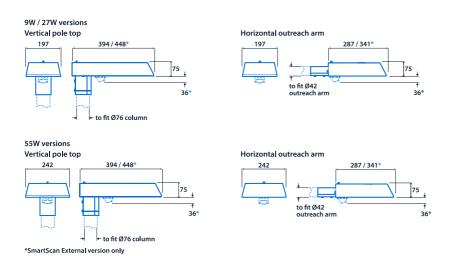
4000 K

Rated life (hours) 100 K - L90/B10

Compliance

UKCA Yes CE Yes

Dimensions





Information is correct as of 21 Dec 2024, 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.