



acorn

The Integral design and weatherproof features of Acorn makes it ideal for outdoor use, ensuring durability and functionality even in harsh conditions. The improved protection against dust, moisture, and insects is particularly noteworthy, as it helps maintain the luminaire's performance over time while minimizing maintenance needs.

MATERIAL

Body	: Spun aluminium
Impact Protection	: IK05
Ingress Protection	: IP65
Diffuser	: Clear acrylic (A9)
Gasket	: Silicone gasket
Mounting	: Internally threaded pipe of designation M30

ELECTRICAL

Driver	: Standard
Power Supply	: Integral
Input Voltage	: 230-240Vac / 50-60 Hz
Surge	: 4KV / 6KV

PRODUCT CONFIGURATIONS

Wattage	: 30W / 50W
Light Distribution	: Type II
CCT	: 2700K / 3000K / 4000K / 5700K
LED Life Time	: L70 B10 1,00000 H

AREA OF APPLICATION

Gardens, Smaller Roadways, Private driveways, Residential Area Lighting, Courtyards, Public area lighting like parks & Squares.

AVAILABLE FINISH

Pure polyester powder coated
RAL 9004 Black
RAL 9007 Grey aluminium
RAL 7016 Anthracite grey
Graphite grey





Technical Specifications

General

ID	: 22577
System Wattage	: 30W / 50W LED
Driver Integral	: Constant Current
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body	: Spun Aluminium
Diffuser	: Clear acrylic (A9)
Mounting	: Suitable for mounting to M30
Finish	: Powder coated RAL 9004 Black RAL 9007 Grey aluminium RAL 7016 Anthracite grey Graphite grey

Light Source

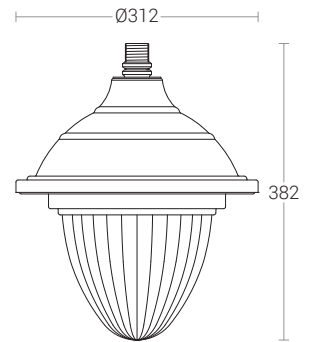
Light Source	: LUMILEDS
CRI (Ra)	: ≥70
LED Colour Temperature	: 2700K / 3000K / 4000K / 5700K

Driver

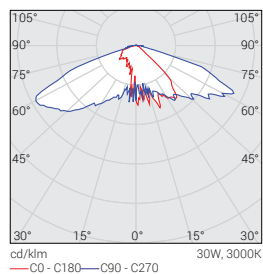
Power Supply	: Integral
Input Voltage	: 230 - 240Vac
Frequency	: 50-60Hz
Power Factor	: >0.95
THD	: <10%
Surge Protection	: 4KV / 6KV
Efficiency	: >85%

Optical Performance

Light Distribution	: Type II
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Photometric Data



Note : It is our constant endeavor to upgrade the performance of our products. For the latest technical information, IES files and product updates please refer to the website at www.klite.in