

Exterior

Burwain Solar Street Light 20w 4000K Silver with Solar Panel Kit

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General Data

Technology	Solar
Mounting options	Pole
Install Options	76mm Spigot
Electrical Connector Type	Flying Lead
Input Cable	1.5m H05RN-F 3-Core
Input Electrical Connection	Live Neutral Earth
General Application	Commercial Industrial Residential
Operating Temperature Range °C	0 - +50
Warranty (Years)	5

430328

Technical Specification

Optical Data

LED Manufacturer / Type	Samlite
Fixture Luminous Flux (Lm)	5802
Luminaire Efficacy @4000K (lm/W)	195
LOR %	100
Colour Selectable	No
Beam Angle°	50 x 150
Optics	Type 2
Photobiological Risk Group	RG0

Light Source Data

Colour Temperature (K)	4000
Light Colour	Cool White
CRI Ra	70

Electrical Data

Wattage (W)	30
Electrical protection	Class III
Driver Output (V)	33 - 36
Driver Output Current (mA)	90
Control Gear Type CC or CV	Constant Current
Dimmable	Yes
Nominal Frequency (Hz)	50/60

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	50000
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430328

Technical Specification

Emergency Data

Battery Type	LiFePO4
Battery Capacity (mAh)	6Ah
Battery Warranty (Years)	2
Recharge Time (Hours)	24 Hours
Test Procedure	Manual
Emergency Duration (Hours)	Up to 8 Hours - 3 Days

Sensor Data

Sensor Technology	Photocell PIR
Sensor Type	ON/OFF
Max. Mounting Height (M)	8
Hold Time	10s - 150s
Daylight Threshold	5Lux
Detection radius (°)	360
Remote / APP	Remote Control

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Technical Specification

Physical Data

Housing colour	Grey RAL 9006
Body material	Diecast Aluminium
Driver Housing	Aluminium
IP Rating	65
IK Rating	8
Diffuser Material	Polycarbonate
Diffuser finish	Clear
Nominal Product Length (mm)	807
Nominal Product Width (mm)	301
Nominal Product Height (mm)	148
Weight (kg)	6.3

Standards and Approvals

Manufactured In Accordance To	EN 60598-1
CE Mark	Yes
UKCA Mark	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Available on Request
Accredited Members	LIA, ISO9001