



HAVELLS

enviro
HARNESSING LIGHT. HARVESTING ENERGY.

SOLAR GARDEN LIGHT

HIGH EFFICIENCY LONG LIFE LED



SOLAR GARDEN LIGHT



Parameters	Villa	Budz	Manor	Fiorio
System wattage	1 W	1 W	20 W	20 W
Source	LED	LED	LED	LED
IP rating of Light Fixture	IP65	IP65	IP65	IP65
Color Temperature	6500 K	6500 K	6500 K	6500 K
Luminous Efficacy	100 lm/W	100 lm/W	100 lm/W	100 lm/W
CRI	> 70	> 70	> 70	> 70
Housing	PDC Al Alloy & Injection Moulded PC housing & PC Top Cover	PDC Al Alloy & Injection Moulded PC housing & PC Top Cover	Die cast Aluminium Alloy housing of the luminaire with Polycarbonate transparent diffuser	Die cast Al Alloy housing of the luminaire with moulded PC Lenses Plates
Driver	In Built DC- DC type PWM with >90% efficiency	In Built DC- DC type PWM with >90% efficiency	In Built DC- DC type PWM with >90% efficiency	In Built DC- DC type PWM with >90% efficiency
Battery Type & Capacity	BIS approved 3.75 V / 7.4 Wh Maintenance free Lithium Ion battery	BIS approved 3.75 V / 7.4 Wh Maintenance free Lithium Ion battery	BIS approved 14.8 V / 115.4 Wh Maintenance free Lithium Ion battery pack	BIS approved 14.8 V / 115.4 Wh Maintenance free Lithium Ion battery pack
Dusk to dawn operation	Mode M1 : 100 lumens for 5 h + 25 lumens till dawn and Mode M2: 50 lumens dim lighting till dawn	Mode M1 : 100 lumens for 5 h+ 25 lumens till dawn and Mode M2: 50 lumens dim lighting till dawn	Provided. (1000 lumens for first 5 h + 250 lumens DIM light till Dawn with PIR activation. Max brightness 2000lumens for 30s after PIR activate.	Mode M1: (50% for 5 h + 10% for 7 h) and Mode M2: 50% till dawn.
Sensor, if Any	no	no	PIR Detection Distance 8m from the base of the pole	<ul style="list-style-type: none"> • Timer Lighting Mode (1 h / 2 h / 3 h / 4 h / 5 h / 6 h / 7 h / 8 h, 8 options) apart from pre-set lighting modes • Default 10% Brightness till Dawn
Solar Panel	1.9 Wp, 5 V Poly Crystalline	1.9 Wp, 5 V Poly Crystalline	18.5 Wp Poly Crystalline	18.5 Wp, Poly Crystalline
Charging Time	5 h - 6 h Bright Day Light	5 h - 6 h Bright Day Light	8 h - 9 h in Bright day Light	8 h - 9 h Bright Day Light
Other protections	Over-Charge protection, deep-discharge protection & Short circuit protection	Over-Charge protection, deep-discharge protection & Short circuit protection	Over-Charge protection, deep-discharge protection & Short circuit protection	Over-Charge protection, deep-discharge protection & Short circuit protection
Mounting	Ground Mounted through 3 x M10 screws/stem on a solid surface	Ground Mounted through 3 x M10 screws/stem on a solid surface	Suitable for Pole OD 72 mm-76 mm	Suitable for Pole OD 57 mm - 62 mm

Actual products may vary in colour, design, description and colour combination etc.
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