



Suitable for Residential  
and Commercial use.



SPECTRUM SERIES

# HERITAGE SOLAR LIGHTING COLUMN

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**SOLAR  
VISION**  
LIGHTING TECHNOLOGIES

# HERITAGE SOLAR LIGHTING COLUMN

## TECHNICAL SPECIFICATIONS

<b>Product Type</b>	Heritage U30W
<b>Fixture IP</b>	IP67
<b>Material</b>	Aluminium Die Casting
<b>LED Type</b>	Philips Lumileds
<b>CCT Range</b>	3000K / 4000K / 5000K / 6000K
<b>CRI</b>	>81
<b>Luminous Flux</b>	4500lm
<b>Pole Height</b>	4-6 Metres
<b>Rated Power</b>	30W
<b>Luminaire Efficiency</b>	160
<b>Warranty</b>	3 Years
<b>Certificates</b>	CE - ROHS - IP67 - IK08 - LM79 - LM82 - TM21 - FCC - CB - IECEE

### Battery Pack

<b>Battery Type</b>	Lithium Iron Phosphate - LiFeP04 (2000 Cycles)
<b>Battery Capacity</b>	12.8V 460WH 36AH
<b>Battery Lifetime</b>	>4000 Cycles DOD 50% or >2000 Cycles at 100% DOD
<b>Charge Time</b>	3 Hours

<b>Control System</b>	Programmable MPPT Controller / Hybrid Controller / Wireless Intelligent Control
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Solar Charge	Q100	Q140	Q200
<b>Structure</b>	Aluminium Alloy		
<b>Dimensions (mm)</b>	228 x 200 x 1160	228 x 200 x 1560	228 x 200 x 2065
<b>Pmax</b>	100wp x2	140wp x2	200wp x2
<b>Vmp</b>	36V		
<b>Solar Cell Efficiency</b>	21.20%		
<b>Cable</b>	MC4 0.6 meter		
<b>Operating Temp.</b>	-30°C - 70°C		
<b>Lifetime</b>	25 Years		
<b>Warranty</b>	3 Years		
<b>Certificates</b>	CE - ROHS - FCC - IP67 - LM80 - COC - IK10 - LM79 - SABER - CB		

### Controller

<b>Charge Mode</b>	MPPT
<b>System Voltage</b>	12V
<b>Efficiency</b>	>98%
<b>Setting Method</b>	By Remote Control/Remote Access
<b>Installation Method</b>	Built In
<b>Operating Temp.</b>	-40°C - 80°C
<b>IP Rating</b>	IP68
<b>Lighting Modes</b>	100% Continuous Lighting / Energy Saving / Customised Modes



## PRODUCT INFORMATION

Our Spectrum range offers you the ability to quickly and simply install new lighting or replace obsolete ones with the latest generation LED lamps powered by solar energy.

We can offer you a 100% solar powered column, completely independent of the grid, or alternatively you can have our hybrid version (combining solar and on-grid system). In the hybrid column once the battery has been discharged the grid (AC) will provide the necessary power until such time as the battery has recharged. With these different versions, our aim is to offer a varied solution for your projects and to be in a position to meet the different demands of customers with regard to their infrastructure.

Our Heritage Cylindrical Lighting Column is equipped with advanced LED and photovoltaic technology. The vertical design of the SOLAR WRAP® provides for very low maintenance, reducing the need for cleaning, which maximises yields at all times.