

SPECIFICATION:

PRODUCT DESCRIPTION: SCEPTRE SOLAR OFF GRID POWER TOWER c/w
VISION DARWN HERITAGE LED LUMINAIRE
PRODUCT CODE: SPC12/S200-36V/B12V-24AH/L12-2300-3K-SRNEDM60
PART NO.: SPC12-DARWIN-GB

MATERIALS:
LM6 CAST SPUN & EXTRUDED ALUMINIUM
PMMA OPIC
POLYCARBONATE ENCLOSURE
TOUGHENED GLASS SOLAR ELEMNETS
BZP STEEL HT FASTENERS

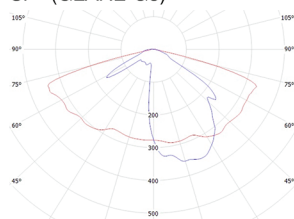
INGRESS PROTECTION: IP67 (ALL ELECTRICAL CONNECTORS & ENCLOSURES)
IMPACT RATING: IK10
WEIGHT: 32KG SOLAR / 18KG LUMINIARE = 50KG (HEAVY DUTY COLUMN REQUIRED)
WIND FACTOR: 0.96
SPIGOT SIZE: 60MM<118MM

LED ARRAY DETAILS:

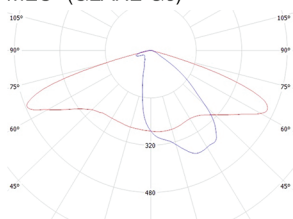
NOMINAL WATTAGE:	12W	LM80/TM21 DATA	
LUMEN OUTPUT:	2300Lm	L90:	102,000HRS
LUMEN EFFICACY:	192Lm/W	L80:	114,000HRS
COLOUR TEMPERATURE:	3000K	L70:	123,000HRS
LED QUANTITY:	12		
LED MODEL:	LuxeOn Rebel 5050	FAIL RATE (By):	104,000HRS
COLOUR TEMPERATURE:	3000K	CRI:	70+
		CRI SHIFT/LIFE:	2%

OPTICS:

SP- (GLARE G3)



MEC- (GLARE G6)



POWER TOWER DETAILS:

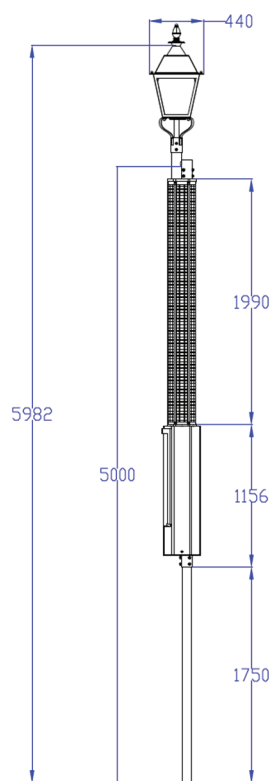
SOLAR CAPACITY (RMS):	200W	SOLAR CURRENT:	2.78A
SOLAR EFFICIENCY:	22.5%	PANEL QTY:	6
SOLAR VOLTAGE:	36V		
BATTERY CAPACITY:	20AH	CHARGE RATE:	3C*
BATTERY VOLATGE:	24V	CYCLES:	20000*
BATTERY OPTIONS:	TITANVOLT LTO	LIFESPAN:	30 YEARS*
MPPT CONTROLLER:	EXP1 & SRNE DM120	MPPT VOLATGE:	24V
PECU:	UNIQUE TECHNOLOGIES	SYSTEM EFFICACY:	88%
DIMMING PROTOCOL:	COMMS DASHBOARD		

WARRANTY DETAILS:

10 YEAR ALL PARTS STANDARD WARRANTY
20 YEAR BATTERY PERFORMANCE WARRANTY

ACCREDITATION:

CE CERTIFICATION
RoHS CERTIFICATION
UKCA
REACH
TUV SUD IMPACT/DROP
ENEC



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