

# UltraLux36 – SOLAR STREET LIGHT 36w



ITEM	DESCRIPTION
Solar Panel	100W Monocrystalline 21% high efficiency
Power Storage	100Ah Maintenance Free Deep Cycle Gel
Light Source	36W Super Bright LED 140lm/w
Light Life	50,000 + hours
Light Output	15 Lux @ 9 Meters Equivalent to 100W metal halide

## FEATURES:

- High performance LED's- 140Lm/W
- Super bright colour rendering 6000K
- Low working temperature, making them reliable and safe
- Monocrystalline Solar Panel
- Customisable to lighting requirements

## BENEFITS:

- Immune to power outages
- No power bill and no expensive grid connection
- Simple installation and operation
- LED Luminaires have a long life of over 50,000 hours



## Application



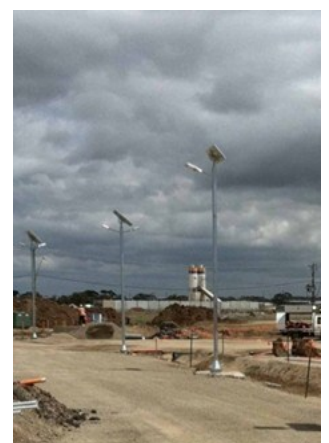
Car Parks, Recreational  
Reserves



Security, Driveways



Parks & Gardens,  
Jetties

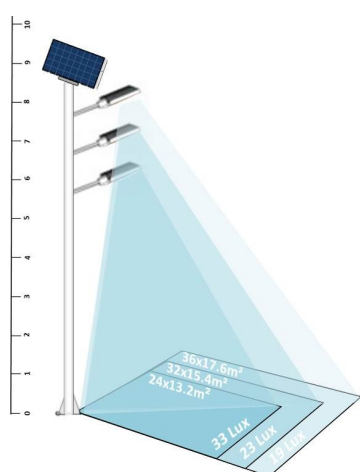


Construction,  
Mine Sites

## Main Technical Parameter

LED Light Model	UltraLux36
Solar Panels	100w
Power storage	100Ah Maintenance free deep cycle
Light source	Super bright LED 36w
LED Light Flux	4860Lm
LED Chip	High Power American Bridgelux
Colour temperature	6000-7000K
Beam Angle	140
Input voltage	DC 10-30V
(PF) power Factor	>0.97
Total Harmonic distance	<15%
LED Efficiency	140LM/watt
Lamp efficiency	>95%
IP Grade	Ip65
Working life	>50000 HRS
Environmental Temperature	-30°C +65°C
Light body material	Aluminium Alloy
Lux measured- central illumination @ 9m	15 Lux
High pressure sodium Equivalent	100w
Recommended heights	6 to 7 meters

## Light Distribution and Array



Distance (m)	lux	L(m)	W(m)
0.0	20500	0	0
1.0	2900	4	2.2
2.0	1100	8	4.4
3.0	720	12	6.6
4.0	240	16	8.8
5.0	84	20	11
6.0	58	24	13.2
7.0	42	32	15.4
8.0	33	36	17.6
9.0	26	40	19.8
10.0	21	44	22

lux= central illumination

Product Code	Description	Price
UltraLux36	36W Lamp, 100 Ah battery, 100W solar panel and controller with 6 meter pole galvanised	\$ 4,100 +GST