SUNLABOB HIGH POWER LED STREET LIGHTS SERIES

SP90 - E40 Retrofit High Power LED Streetlight

28 Watts

LU1 High Power LED Streetlight

28 Watts

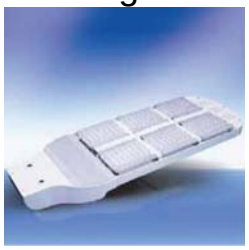
LU2 High Power LED Streetlight

56 Watts

LU4 High Power LED Streetlight

112 Watts

LU6 High Power LED Streetlight



168 Watts

LU8 High Power LED Streetlight

224 Watts

SD2 High Power LED Tunnel Light

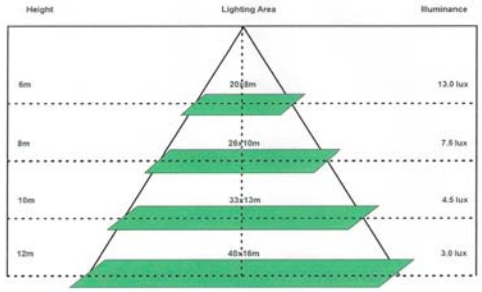
56 Watts

Sunlabob High Power LED Street Lights Serie, is a new, energy-saving product that utilizes high power led's as light source. It can be directly connected with a 85-264VAC power supply and can also be powered with the Sunlabob optional solar panel kit systems.

There is no ultraviolet light, no infrared rays, no heat, no gas and no radiation produced. As a result, Sunlabob LED Street Light serie is a conventional "green" lighting source.

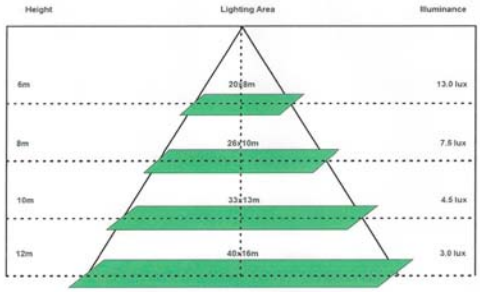
Sunlabob Renewable Energy Ltd
Po Box 9077- Watnak Village-Vientiane- Lao P.D.R
Website: www.sunlabob.com

SP90 - E40 Retrofit High Power LED Streetlight



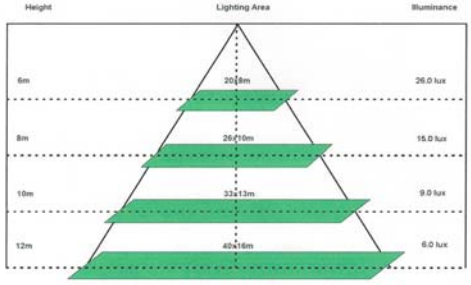
28 Watts

LU1 High Power LED Streetlight



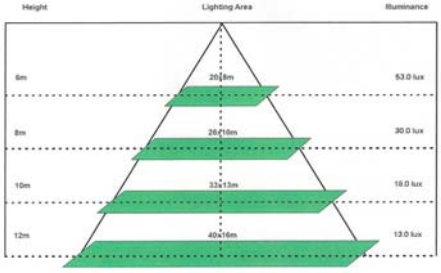
28 Watts

LU2 High Power LED Streetlight



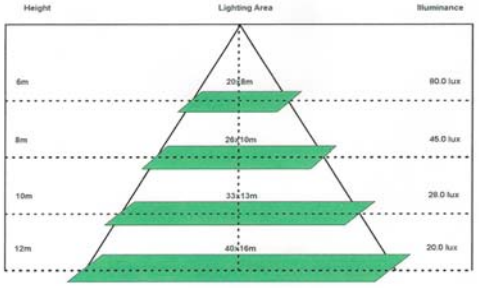
56 Watts

LU4 High Power LED Streetlight



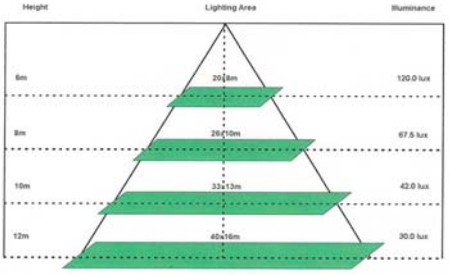
112 Watts

LU6 High Power LED Streetlight



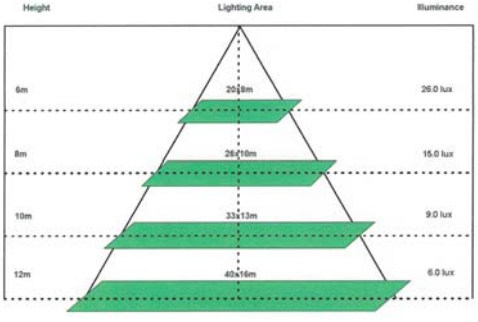
168 Watts

LU8 High Power LED Streetlight



224 Watts

SD2 High Power LED Tunnel Light



56 Watts

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When the installation height=12m, the beam pattern is 40x16m rectangular, and the radiation-efficiency is more than 70% in the effective region, the total transparence is more than 90%, the greatest extent possible to reduce the loss of light, the LED light has been fully utilized. The illumination uniformity is very good in the effective radiation region, even better than 0.5, higher than the highest grades of 0.4 of the state road's standards.

The edge of the beam pattern is very clear and slide, no adverse glare out of the effective radiation region, will not cause any light pollution, it is an idea cut-lighting lamp.
Satisfy the requirements of the road lighting and other special lighting, which can be widely used such as street lighting, advertising lighting, sport fields, car parks, monuments lighting, etc…

It is a green, energy-saving, environmentally friendly lighting product.

LED technology is increasingly being used in street light applications due to its longer life and energy-saving qualities. Compared to an HPS street light, a Sunlabob LED street light will last up to 50,000 hours and significantly reduce light pollution. A LED Street Light will also be better equipped to withstand extreme hot and cold temperatures than an HPS Street Light, which makes it suited for outdoor use. Moreover, LED Street Light has a 100 to 1,000 time faster response, even no delay, which results in sharp, pure color.

Specifications	High Pressure Sodium	Sunlabob LED Street Light
Photometric Performance	Bad	Excellent
Radiator Performance	Bad	Excellent
Electric Performance	Electric Shock Easy(High Voltage)	Safe (Low Voltage)
Working Life	Short <5,000h	Quite Long >50,000h
Working Voltage Range	Narrow (±7%)	Wide(±20%)
Power Consumption	Quite High	Quite Low
Startup Speed	Quite Slow(Over 10minutes)	Rapid (2s)
Strobe	Yes(Alternative Current Drive)	No(Direct Current Drive)
Optical Efficiency	Low	High
Color Index Feature	Bad, Ra< 50	Good, Ra>75
Color Temperature	Quite Low (Yellow Or Amber, Uncomfortable	Ideal Color Temperature, Comfortable)
Bad Glare	Strong Glare (Dazzle)	No Harmful Glare
Light Pollution	Strong	No
Heating	Serious (>300)	Cold Light (<60)
Lampshade Turn Dark	Easy (Absorb Dust)	No (Static Proof)
Lamp Aging Turn Yellow	In A Short Time	No
Shockproof Performance	Bad(Fragile)	Good (No Filament Nor Glass)
Environment Pollution	Contains Lead Element Etc.	No
Maintenance Cost	High	Quite Low
Product Cubage	Big	Small (Slim Appearance)
Product Weight	Heavy	Light
Cost-Effective	Low	High
General Performance	**Bad**	**Excellent**

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