



ASTRAL

SOLAR STREET LIGHT



GPS-06M-V1.0

| SOLAR STREET LIGHT



BRIGHTER & MORE DURABLE

Scientific Light Distribution

Multiple installation way

Meet different application need

Install on the wall / Install on the pole

Product Advantages

ALS Technology Guarantees 10 Continuous Working Nights TCS Technology Ensures Longer Battery Lifespan.



Made with Mono-Crystalline

POWER TYPE LITHIUM BATTERY

High temperature resistant Li-ion battery and Tcs technology

Capacity Indicator:

- 10%—30%
- 30%—70%
- 70%+



Item: GPS-06M

Light Brightness 3000 lumens

Solar panel

Power Monocrystalline, 20W

Li-ion battery

Capacity 14.8V, 153.92WH 2.6AH/PC

Charging/Discharging Temp 0~45°C / -20~60°C

Charging Time 8.8H

LED (OSRAM) 3030 40pcs

Color Temp 5700K, Ra 70+

Efficiency 190lm/W

UV LED -

Performance

Lighting Time in Rainyday > 10 days

Control Mode Button Switch, ON/OFF Long Press 1.5s

Lighting Mode M1: 600LM+PIR (3000LM) / M2: 2000LM 5H+500LM (PIR 3000LM) 5H+1400LM / M3: 1400LM

Mode Indication M1: RED / M2: GREEN / M3: ORANGE

Capacity Indication
Green Light: ≥70%
Orange Light: 30%~70%
Red Light: <30%

PIR 120° 8m

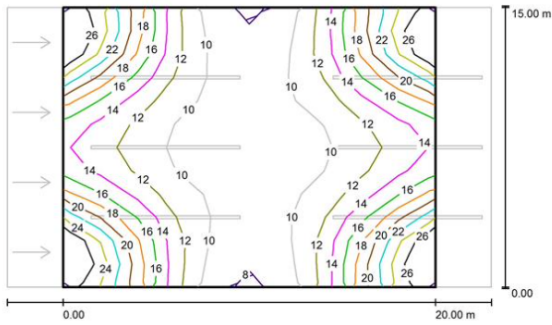
Core technology ALS2.2

Self-Cleaning Function -

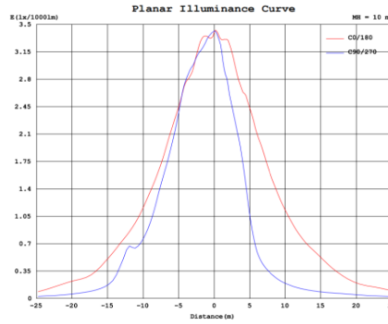
IP/IK Class IP65 / IK08

Installation Height 5M

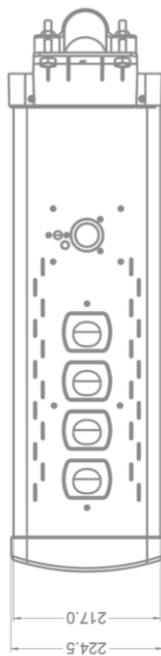
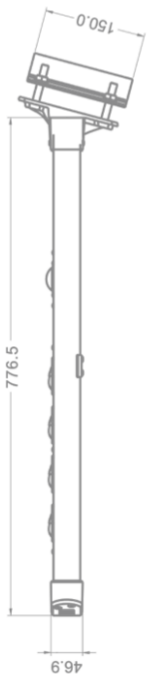
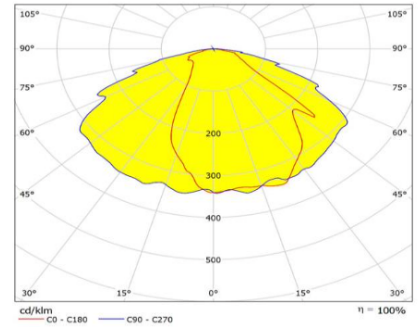
Road Simulated Diagram



Illumination Curve



Luminance Distribution

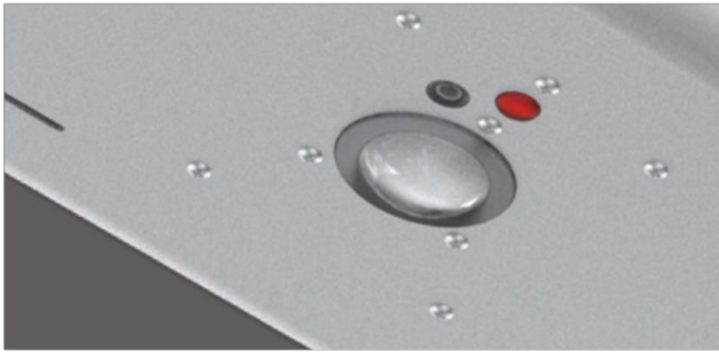




High lumen LEDs 190lm/W



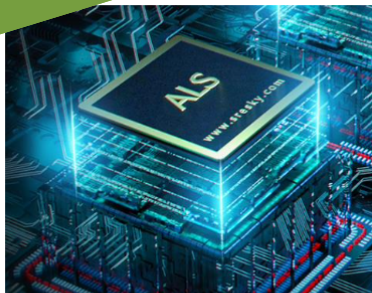
Monocrystalline >21%



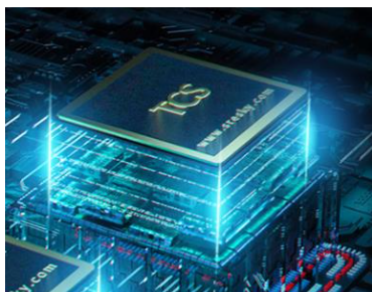
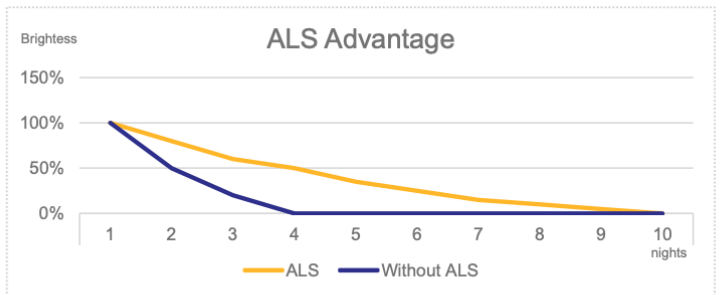
Capacity indication / Switch / High Sensitivity PIR Sensor



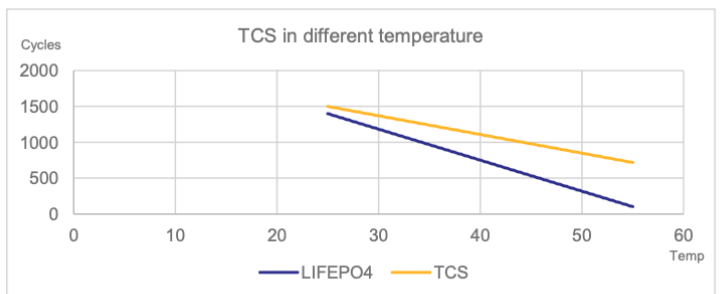
Bracket can fix the lamp on the pole/wall



ADVANTAGE OF ALS



ADVANTAGE OF TCS



Design Example (4m)

BSEN40, PD6547: 2004+A1:

2009 (No sign) Load class B

Deflection class 3

Head load- See Table

Finish

Galvanised to BSEN 1461:2009

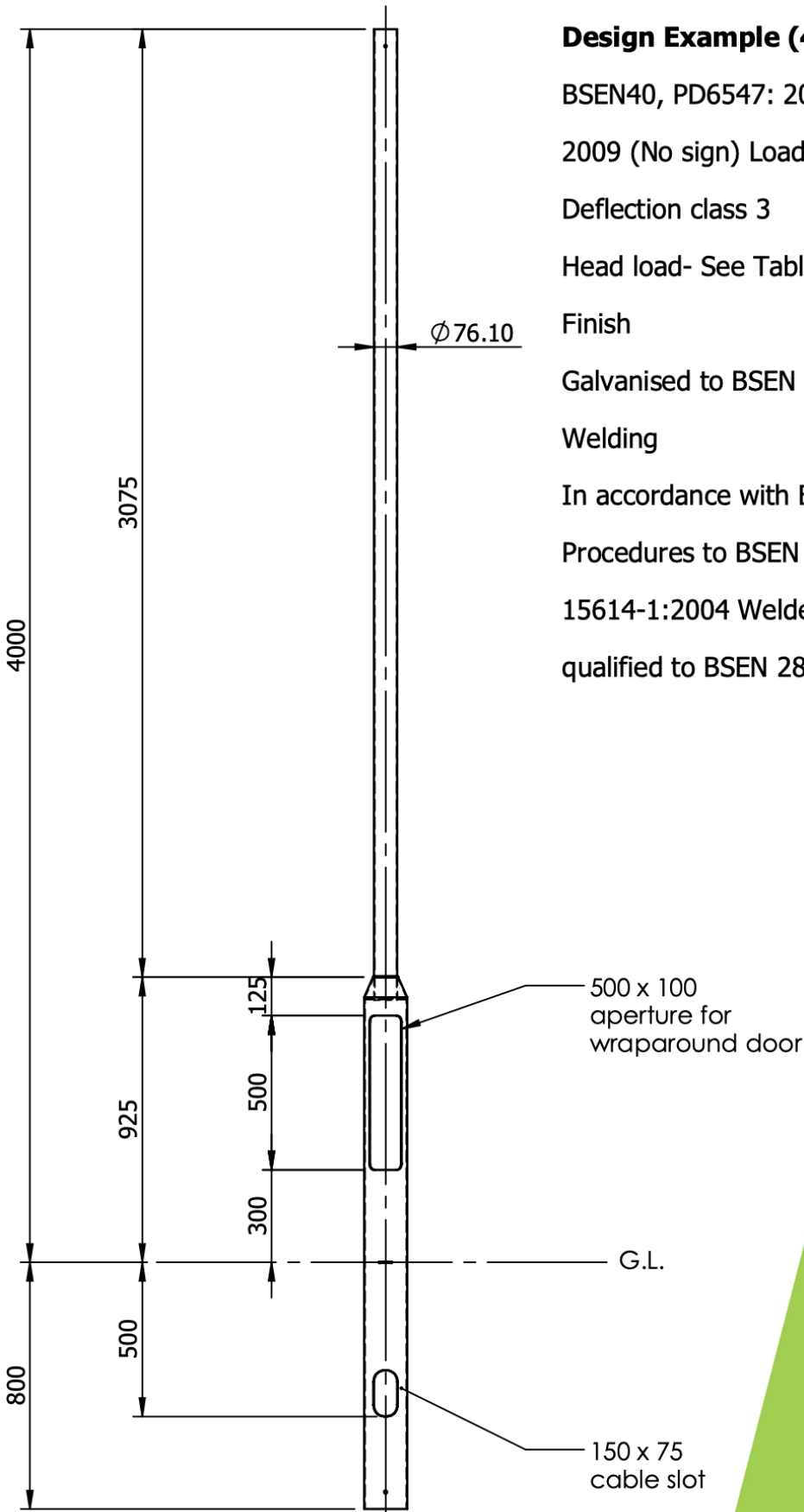
Welding

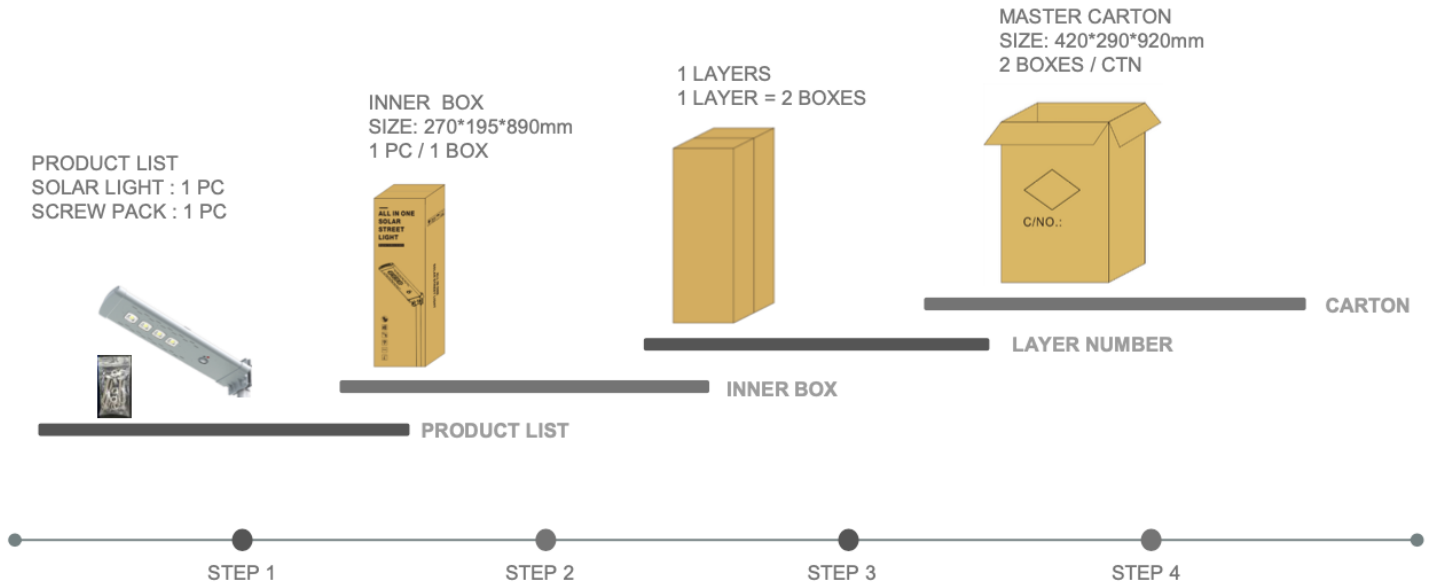
In accordance with BSEN1011

Procedures to BSEN ISO

15614-1:2004 Welders

qualified to BSEN 287-1:2011





MODEL NO.	PACKING METHOD	PCS/CTN	QTY(PCS)	CTN QTY	CARTON SIZE(MM)	N.W.(KG)	G.W.(KG)
GPS-06M	INNER BOX	1	1	1	270*195*890	5.5	6.34
	CARTON	2	2	1	420*290*920	11.2	13.9

Net weight and gross weight are for reference only