

## 40W Standalone LED Street Light with Integrated Solar Panel and Aluminium body

Standalone easy to maintain LED Street Light requiring no remote telemetry or an individual remote control since it will be always on automatic operation at FULL power from dusk to dawn. A true install it and forget about it energy saving solution ideal for remote areas. Although always at full power when on, this light will be fully functional for a minimum of 2 days even if rainy weather persists resulting in no charging of its highly efficient lithium iron phosphate battery during this time period.

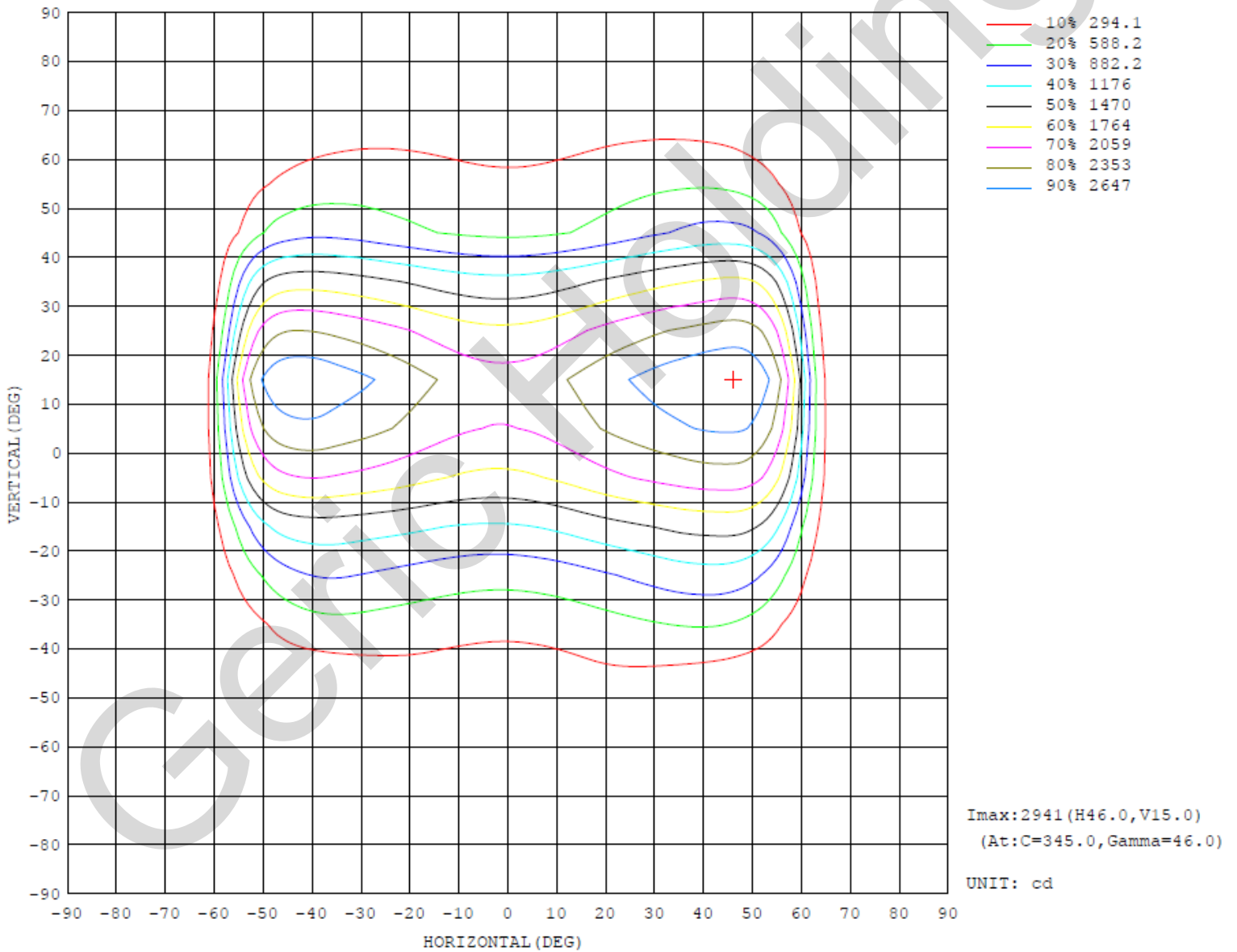


## Specifications

<b>Lighting power:</b>	40W
<b>LED Lumens output:</b>	4400lm
<b>Operating Brightness level:</b>	Always at Full Brightness
<b>LED Efficiency:</b>	150 lm/W
<b>LED Color temperature (CCT):</b>	6000 K
<b>LED Light distribution:</b>	Asymmetric Batwing
<b>Product weight:</b>	10.36 kg
<b>Product size:</b>	89 cm x 40 cm x 11 cm
<b>Packing size:</b>	103.5 cm x 45 cm x 11.5 cm
<b>Solar panels:</b>	6V80W monocrystalline silicon panels
<b>Battery type:</b>	Sanyuan Lithium Ion electric vehicle battery
<b>Battery capacity:</b>	54.5Ah @ 13.2V
<b>Operating range:</b>	-35° to 60°; Wind speeds up to 120 km/h; RH up to 95%
<b>Mounting Method:</b>	Variable angle clamp onto pole. Pole not included.
<b>Mounting height:</b>	5-7 m
<b>Light Supply circuit:</b>	Constant Current controlled
<b>Rainy days:</b>	2-3 days autonomy at full power
<b>Minimum Solar Insolation:</b>	3.5 kWh/m <sup>2</sup>
<b>Light body material:</b>	die-cast aluminium
<b>Enclosure structure:</b>	Integrated Solar panels and passively cooled battery.
<b>Waterproof grade:</b>	IP65
<b>LED life-time:</b>	50,000 hours
<b>Warranty:</b>	2 and 3 year options available



### ISOCANDELA DIAGRAM showing Asymmetric Batwing light distribution





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