



CHANGING. CHANGED. A NEW LIGHTING STYLE.

Peaceful blue light,
creates a tranquil and
moderate lighting environment.

- Light source Sphere light source X 48
- Power 4W (DC12V)
- Outlet Solar panel
- Trunk Steel (painted)
- Side panel Composed glass
(with blue LED as ornament)
- Solar panel 20W/12V Multicristal solar battery
Size: 346 X 592 X 28 (mm)
- Battery Direct vent type Lead accumulator 46Ah
10 hours lighting a day
6 days without daylight
- Controller System voltage 12VDC
Maximum input voltage 25VDC
Charge method: PWM



— This is a commodity that cleared RoHS harmful restriction. —



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SPHERE STREET LIGHT

ECO...THE MOMENT TO BEGIN



SPHERE STREET LIGHT

Necessary light lighting at necessary place.
A new ecology era starting from light.

Walking under the bright moon at night,
Looking up at the moonlight,
When have you ever had, such a wonderful night?
Streets flooded with strong light,
Can't be called the earth,
With tranquil people and heathy nature alive.
Now, it's time to change.
Using energy saving solar battery,

Sphere street light brings us a new period of ecology, from light.



"Light Pollution": an important reason for the dawn of sphere street light.

— Vainly bright light is not needed any more —

The crisis of global warming is exclaimed at modern time. While "light pollution", as one of the environmental problems, is deeply connected with global warming. This is the truth that we should never forget. "Light pollution", is the pollution of artificial strong outside light, which colors our daily life and the activities of plants and animals. At the same time, the increase of emitted CO₂, caused by the consumption of electricity, is one of the most important reasons of global warming.

The first to do is to save the waste. Creating a new energy saving light source, which lightens the burden of the earth, to

preserve the beautiful starry sky, is the first step to make a peaceful city. And then, isn't it necessary to recall the sense reform, that it's good enough just to provide minimum necessary light at only necessary places?

■ What is the "sphere street light" using energy saving solar battery?

"Sphere street light" uses "sphere light source" to improve efficiency, which combines high efficient patent lens with light-emitting diode (LED), and radiates 3-7 times the luminosity of traditional high-luminosity LED. Traditional street light needs 100-200 LED, while sphere street light needs only 48 LED to secure enough light, and the electricity used is only one fifth of that by a 20w fluorescent lamp. What's more, CO₂ emission is reduced because of solar power generation. It's recommended as one of the effective illumination measures against global warming.

■ A new proposal for city planning-beautiful lighting style.

As one part of the street, street light may be considered as the symbol of that street, so it's natural to be beautiful and neat. Therefore effort was also put into style designing. Besides the main lighting part, blue light is put in both lateral sides, which eases one's mood. It's said that the blue light has the effect to calm down one's spirit and is wished to cover a taste of criminal deterrent power.



All the street lights in the parks of Oita City of Japan (about 2000), in the case of 20w, consume 146,000kwh electricity power in a year. If all these are replaced with sphere street lights, the following waste will be **ZERO!**

Electricity Fee	146,000kwh converted into money is 3,212 million yen.
Electricity Power Cost	the same cost by 215 refrigerators in a year.
Forest	55 thousand tons of CO ₂ emission needs 5800 cedars to be planted.
Crude Oil	35000L crude oil means 175 drums of 200L.

