

What is Himawari solar lighting system?

LA FORET ENGINEERING CO.,LTD. (Mori Building Group) Copyright (C)2022 LAFORET ENGINEERING CORPORATION. All rights reserved. Himawari solar lighting system brings real natural sunlight indoor by using the convex lens and quartz glass optical fiber cables. Let natural light light up your house to improve the life quality.

How does the Himawari solar lighting system work?

The Himawari solar lighting system works by directly collecting sunlight using a sunlight collector (lens focusing unit) and quartz glass optical fiber devices. It also features an automatic tracking system and is covered by an outer acrylic dome. The natural light from the sunlight is harnessed instead of using electronic energy like regular LED lights.

How much light does a Himawari system emit?

Light is emitted at a spread angle of 58° from the edge of an optical cable. At two-meter from the end of the optical fiber, an approximately 1.5-m diameter circle region is illuminated at approximately 1,036 lux on average (per cable) and one Himawari system is equipped with two cables.

How much does Himawari cost?

Since the HIMAWARI system screens out ultraviolet rays, it protects furniture and carpets from color fading. The running cost of the HIMAWARI system is approximately 1 yen a day when equipped with a twelve-lens collector. By using an energy-saving type system that is powered by solar cells, you can reduce the electricity cost to zero yen.

Can I switch between the Himawari and artificial illumination systems?

We have an automatic dimmer system available which allows you to switch between the Himawari and artificial illumination systems. Sunlight is condensed about 10,000 times through a highly efficient lens.

How many Lux does a Himawari system have?

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The Himawari solar lighting system harnesses natural sunlight through the light-collecting lens unit and travels through optical fiber cables emitting light on the other side into the rooms of ...

The HIMAWARI system consists of a lens focusing unit and optical fiber devices. Its outdoor collector can collect sunlight always at maximum efficiency and transmit it through optical fibers to anywhere you want.

Unlike conventional solar lighting ...

Bring natural sunlight into your home with Himawari At Himawari, we care about your health, your stylish design, and we help you to build your indoor garden and captivating aquarium. In the meantime, Himawari solar lighting system conserves natural resource and saves energy.

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Himawari solar system transmits real, natural sunlight indoor. The full spectrum which screen out UV light is good for your health, and provide a better environment for your indoor plants, aquarium. Himawari is equipped with an automatic tracking system to accurately detect sunbeams and continuously changes its position from sunrise to sunset.

The Himawari solar lighting system harnesses natural sunlight through the light-collecting lens unit and travels through optical fiber cables emitting light on the other side into the rooms of homes, offices, factories, warehouses, and other areas where natural light is hard to get through.

Compared to regular LED light which is specific radiations triggered from electronic energy, the natural light of Himawari is direct from real sunlight. The HIMAWARI system consists of a sunlight collector (lens focusing unit), quartz glass optical fiber devices, an automatic tracking system, and the outer acrylic dome covering all the devices.

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