Gabon himawari solar

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 sunlightusing 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 harnessedinstead 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 luxon average (per cable) and one Himawari system is equipped with two cables.

Can I switch between the Himawari and artificial illumination systems?

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

Does Himawari capture sunlight?

Therefore whenever where you are,Himawari can always capture sunlightfor you. Note: 12 lens Himawari only needs 2W power consumption to provide power for the movement of Himawari when it keeps tracking and following the direction of the sun.

How does Himawari fiber cable work?

The sunlight enters the cable through the inlet and proceeds through the fiber cable, repeating its full reflection, and is emitted from the outlet of the fiber cable. Himawari uses a highly pure quartz glass fiber cable which transmits the visible rays with very little attenuation.

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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 homes, offices, factories, warehouses, and other areas where natural light is hard to get through.

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Himawari not only illuminates your life with real sunlight but also let you sunbathe indoors without ultraviolet light. Himawari system is equipped with an automatic tracking system to accurately detect sunbeams and continuously changes its ...

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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 ...

Himawari not only illuminates your life with real sunlight but also let you sunbathe indoors without ultraviolet light. Himawari system is equipped with an automatic tracking system to accurately detect sunbeams and continuously changes its position from sunrise to sunset.

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.

Gabon has inaugurated its first utility-scale solar project. The Ayémé PV plant is located in the Plaine-Ayeme area of northwestern Gabon, around 30 km from the country"s capital, Libreville. Solen SA Gabon, a subsidiary of Solen Renewable Dubai, built and operates the project, with an initial capacity of 11 MW, according to local media ...

Under the leadership of the President of the Transition, the company Solen, leader in the field of renewable energies, announces the completion of the largest solar power plant, to date, in Central Africa. This infrastructure, whose official reception is ...

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