



# Himawari solar lighting system cost Niger

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.

How many Lux does a Himawari system have?

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. We have an automatic dimmer system available which allows you to switch between the Himawari and artificial illumination systems.

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.

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collector. By using an energy-saving type system that is powered by solar cells, you can reduce the electricity cost to zero yen. &#183; Once the HIMAWARI system is installed, it operates automatically without any need for manual operation.

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The net price of a Himawari system package (including 12 lens collector, two 5 m long optical bundles) is \$6240 ("HIMAWARI Solar Lighting System," n.d.). The Swedish Parans system consists of an array of Fresnel lenses which ...

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 ...

Signet Himawari Solar Light Tracking System: Follows the path of the Sun in equatorial, mid-latitude, and polar locations. Stable natural light with automatic tracking and a solar sensor. Clock mechanism controls the light-focusing lens ...

Signet Himawari Solar Light Tracking System: Follows the path of the Sun in equatorial, mid-latitude, and polar locations. Stable natural light with automatic tracking and a solar sensor. Clock mechanism controls the light-focusing lens to aim accurately at the Sun. Tracks the Sun even in cloudy conditions by calculating its trajectory.

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.

The review speculates as to their likely performance in terms of daylight delivery; capital and running costs; user reaction to the systems; potential impact of the systems on the building which...

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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