

## Innovative and cost-efficient solution for rooftop integration of Fresnel solar collectors

*Industrial Solar launches a new version of its LF-11 Fresnel collector that reduces both costs and weight of the substructure by up to 50%. The new feature uses integrated lightweight platform walkways along the collector structure, permitting integration onto uneven roofs.*

When it comes to the implementation of a solar energy system in industry, the area available is often the main constraint. Industrial Solar was one of the first companies to install concentrating solar process heat systems onto rooftops. This allows customers to preserve the constrained ground space for potential upcoming expansions.

For inclined roofs, high efforts for substructure and grating were necessary in the past. With the new feature, Industrial Solar further simplified the building-integration of its Fresnel solar concentrators: Industrial Solar developed a design that integrates lightweight and cost-efficient walkways and gratings directly into the structure of the LF-11 Fresnel collector. The number of interfaces to the customer's roof is thereby further reduced, while weight and cost can be minimized. The walkways consist of stiff and lightweight sheet metal platforms with an anti-slip surface. Different configurations are available, depending on specific site conditions and solar field sizes. Handrails, skirting and further add-ons can be integrated as well. Typically, both cost and weight of the required substructure can thus be reduced by up to 50%.

With this new development Industrial Solar further reduces cost and eases the integration of its concentrating solar collectors on industrial rooftops, which enables the company to tap the huge market potential of carbon-neutral heat for industry.



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Industrial Solar Holding Europe AB holds 100% of Industrial Solar GmbH in Freiburg/Germany.

Industrial Solar GmbH is an international leading technology and solution provider, which develops projects mainly based on its innovative Fresnel collector technology suitable for fulfilling an expected growing market of solar process heat. As a one-stop-shop Industrial Solar offers turnkey solutions for customers in several industries.

Find out more about Industrial Solar GmbH at the following address:

<https://www.industrial-solar.de/>