



LIGHTLEAF

gLeaf

LIGHT, RIGID, FIXED-MOUNT
SOLAR FOR ANY BUILD

Rigid carbon-fiber foundation is self-supporting, forming uncompromising strength at an extremely low weight that avoids overloading your structure.

ROC

1" structural perimeter flange allows for versatile mounting.



SunPower Maxeon monocrystalline cells maximize power output at 25% efficiency.



Polycarbonate front sheet provides superior UV protection and abrasion resistance.

ROC



Sleek aesthetics add to any project, with matte black cells and carbon weave finish.

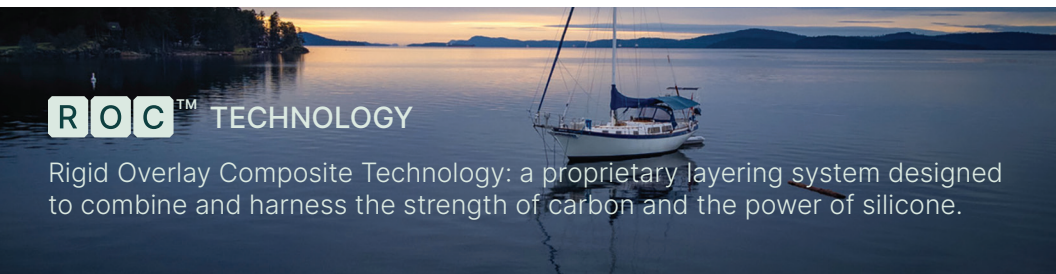


Canadian Made



ROC™ TECHNOLOGY

Rigid Overlay Composite Technology: a proprietary layering system designed to combine and harness the strength of carbon and the power of silicone.



FitKits

FitKits (sold separately) are custom hardware kits designed for mounting the gLeaf onto any and all structures. Examples:

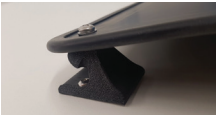
TubeMount

Fixed mount gLeaf to arbitrarily spaced 1" tubing.

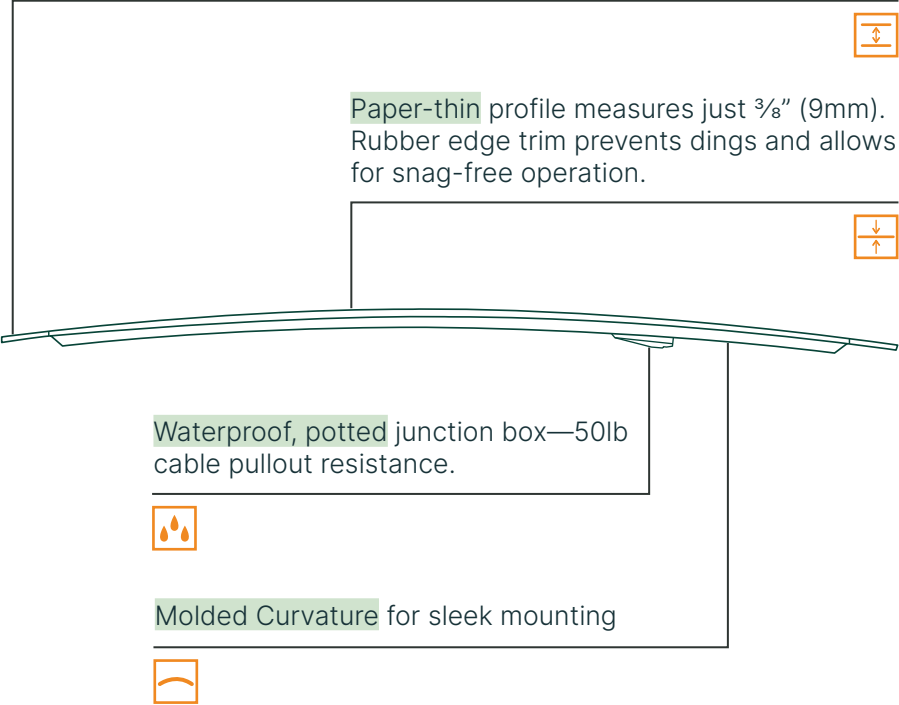


Bolted Stand-Off

Fixed mount to any surface using #8 SS screws with a 1" standoff.



Strong and rigid 1" mounting flange around the entire perimeter of the gLeaf makes mounting a breeze. Drill as you see fit into any of your projects—RV, marine or mobile applications.



Paper-thin profile measures just 3/8" (9mm). Rubber edge trim prevents dings and allows for snag-free operation.

Waterproof, potted junction box—50lb cable pullout resistance.



Molded Curvature for sleek mounting

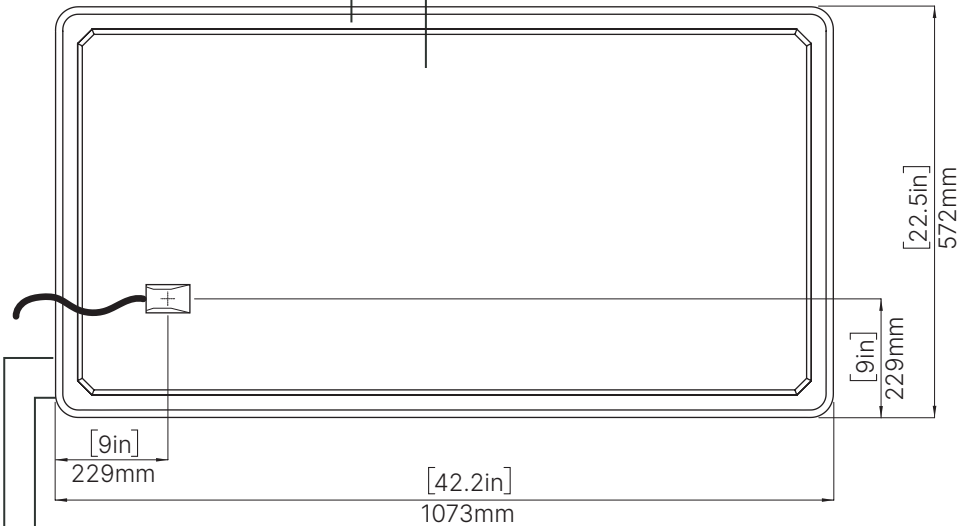




1" structural and drillable mounting flange



'Gluable' structural backing opens up countless possibilities for mounting.



Pain-free rounded corners.



Durable rubber edge trim.



Everything about the construction and the installation of this panel has been considered to make it as intuitive and effective as possible for both us, as installers, and the end-user. Beyond making an exceptional product, LightLeaf has been incredibly responsive and reliable to work with as a company.

JEN HUDAK, CO-FOUNDER, ESCAPOD TRAILERS

The gLeaf is Canadian made, customizable, built to power your adventure.

Three-year workmanship, five-year power performance warranty included.

Contact us for inquiries and support.

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Specification	Data		
Nominal Max Power (Pmax)	110W	140W	160W
Optimal Operation Voltage (Vmp)	20.0V	25.0V	30.1V
Open Circuit Voltage (Voc)	23.5V	29.4V	35.2V
Dimensions	1073mmx572mm (42.2×22.5")	1321mmx572mm (52X22.5")	1073mmx826mm (42.2X32.5")
Weight	2.5kg (5.4lb)	3.2kg (7.1lb)	3.6kg (8.0lb)
Optimal Operation Current (Imp)	5.54A		
Short Circuit Current (Isc)	5.84A		
Cell Type	Sunpower Maxeon GIII Premium ME3 25% Eff.		
Panel Thickness	9mm (3/8")		
Cable/Connector	3m (10') 14AWG circular tinned marine grade duplex		
Connector	Plain-end for passing through a bulkhead and spliced below deck		
Junction Box	Sealed and potted, 2 Schottky by-pass diodes		

Electrical data at STC (1000W/m^2, AM 1.5, 25 DegC)

“The performance of these panels is beyond my expectations. The ability to adjust the panels so effortlessly makes maintaining the output of the panels very easy.”

KENNETH PRICE, OWNER OF A GRAND BANKS 32 TRAWLER, US

