

Infinity Rack Light



INFINITY RACK

Product Overview

Infinity Rack Light offers an elegant alternative to rooftop solar panels at a more competitive price point. Enhance your outdoor space, create covered walkways, or set up outdoor event areas with this waterproof shade structure that generates energy to offset its cost.

Infinity Rack structures are mechanically watertight, featuring internal wire chaseways that protect wiring while maintaining a sleek aesthetic.



Technical Data

Product Details	Specification
Max Span on Frame Beam	12ft
Max Span on Roof Beam	12ft
Max Clear Height	8ft Pergola 10ft Carport
Max Structure Length	77ft
Max Roofbeam Length	18ft 10in
Powdercoat	2604
Color Options	White, Beige, Black & Custom
Aluminum Alloy & Temper	6005A T6 (Roofbeam) 6063-T6 (All other components)
Max Wind Speed	120MPH (Custom configurations available for higher wind speeds)
Max Snow Load/Span	20PSF @ 12ft, 40PSF @ 10ft

Features

- ✓ Mechanically watertight with horizontal support clamps and EPDM gaskets
- ✓ Fully encapsulated dual wiring chaseways for AC & DC wiring
- ✓ Engineered to be cost effective option for the majority of the USA
- ✓ Supports large format bifacial solar panels on all four sides
- ✓ Post bases designed to accept conduit or plumbing for direct integration of electric, water and gas into the frame



Options

- Modular components allow for unlimited custom configurations
- 32 pre-engineered configurations
- Multiple height options up to 12ft min clearance
- Accessory LED strip-lighting kits
- Smaller profiles mean lighter components and quicker installation
- Compatible with fans and easily accessorized using T-Bolt slots.

Infinity Rack
Power Beauty Comfort

p. (980) 247-1745
e: sales@infinity-rack.com
w: www.infinity-rack.com

11701 Mount Holly Rd, Building 32
Charlotte, NC 28214

Infinity Rack Light



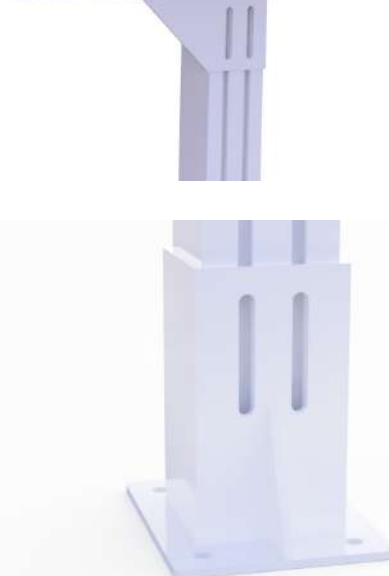
INFINITY RACK

Ease of Installation

Our Infinity Rack Light structures require smaller footers than traditional models, utilizing concrete, helical, or a combination footer. Key components are secured with 3/8" T-Bolts, akin to standard rooftop solar racking. This system of T-bolts and slots enables adjustable framing to accommodate various module sizes, column placements, and ensures straightforward installation.

Warranty

The Limited Warranty of Infinity Rack, LLC (Infinity Rack) applies to framing and solar mounting products manufactured or distributed by Infinity Rack. Lifetime structural warranty on all Infinity Rack framing and brackets, 10 year warranty on gaskets & paint, 6 month warranty on lighting.



	Model Number	# of Modules	Module Layout	Depth	Width	SQ Ft	Watts
Pergola 8'-10'	INFRL6-P-3x2	6	3 X 2	11.5ft	15.8ft	181.9ft	3,510
	INFRL9-P-3x3	9	3 X 3	11.5ft	23.5ft	270.3ft	5,265
	INFRL12-P-3x4	12	3 X 4	11.5ft	31.0ft	356.5ft	7,020
	INFRL15-P-3x5	15	3 X 5	11.5ft	38.7ft	444.7ft	8,775
	INFRL18-P-3x6	18	3 X 6	11.5ft	46.5ft	534.8ft	10,530
	INFRL21-P-3x7	21	3 X 7	11.5ft	54.2ft	622.9ft	12,285
	INFRL24-P-3x8	24	3 X 8	11.5ft	62.0ft	713.0ft	14,040
	INFRL30-P-3x10	30	3 X 10	11.5ft	77.5ft	891.3ft	17,550
	INFRL12-P-4x2	8	4 X 2	15.2ft	15.8ft	239.6ft	4,680
	INFRL12-P-4x3	12	4 X 3	15.2ft	23.5ft	356.4ft	7,020
	INFRL16-P-4x4	16	4 X 4	15.2ft	31.0ft	470.2ft	9,360
	INFRL20-P-4x5	20	4 X 5	15.2ft	38.7ft	586.4ft	11,700
	INFRL24-P-4x6	24	4 X 6	15.2ft	46.5ft	705.3ft	14,040
	INFRL28-P-4x7	28	4 X 7	15.2ft	54.2ft	821.5ft	16,380
	INFRL32-P-4x8	32	4 X 8	15.2ft	62.0ft	940.3ft	18,720
	INFRL40-P-4x10	40	4 X 10	15.2ft	77.5ft	1175.4ft	23,400
	INFRL10-P-5x2	10	5 X 2	18.8ft	15.8ft	297.6ft	5,850
	INFRL15-P-5x3	15	5 X 3	18.8ft	23.5ft	442.6ft	8,775
	INFRL20-P-5x4	20	5 X 4	18.8ft	31.0ft	583.8ft	11,700
	INFRL25-P-5x5	25	5 X 5	18.8ft	38.7ft	728.2ft	14,625
	INFRL30-P-5x6	30	5 X 6	18.8ft	46.5ft	875.8ft	17,550
Carport 10'-12' Steel Bollard Post Base	INFRL35-P-5x7	35	5 X 7	18.8ft	54.2ft	1020.1ft	20,475
	INFRL40-P-5x8	40	5 X 8	18.8ft	62.0ft	1167.7ft	23,400
	INFRL50-P-5x10	50	5 X 10	18.8ft	77.5ft	1459.6ft	29,250
	INFRL10-C-5x2	10	5 X 2	18.8ft	15.8ft	297.6ft	5,850
	INFRL15-C-5x3	15	5 X 3	18.8ft	23.5ft	442.6ft	8,775
	INFRL20-C-5x4	20	5 X 4	18.8ft	31.0ft	583.8ft	11,700
	INFRL25-C-5x5	25	5 X 5	18.8ft	38.7ft	728.2ft	14,625
	INFRL30-C-5x6	30	5 X 6	18.8ft	46.5ft	875.8ft	17,550
	INFRL35-C-5x7	35	5 X 7	18.8ft	54.2ft	1020.1ft	20,475
	INFRL40-C-5x8	40	5 X 8	18.8ft	62.0ft	1167.7ft	23,400
	INFRL50-C-5x10	50	5 X 10	18.8ft	77.5ft	1459.6ft	29,250

