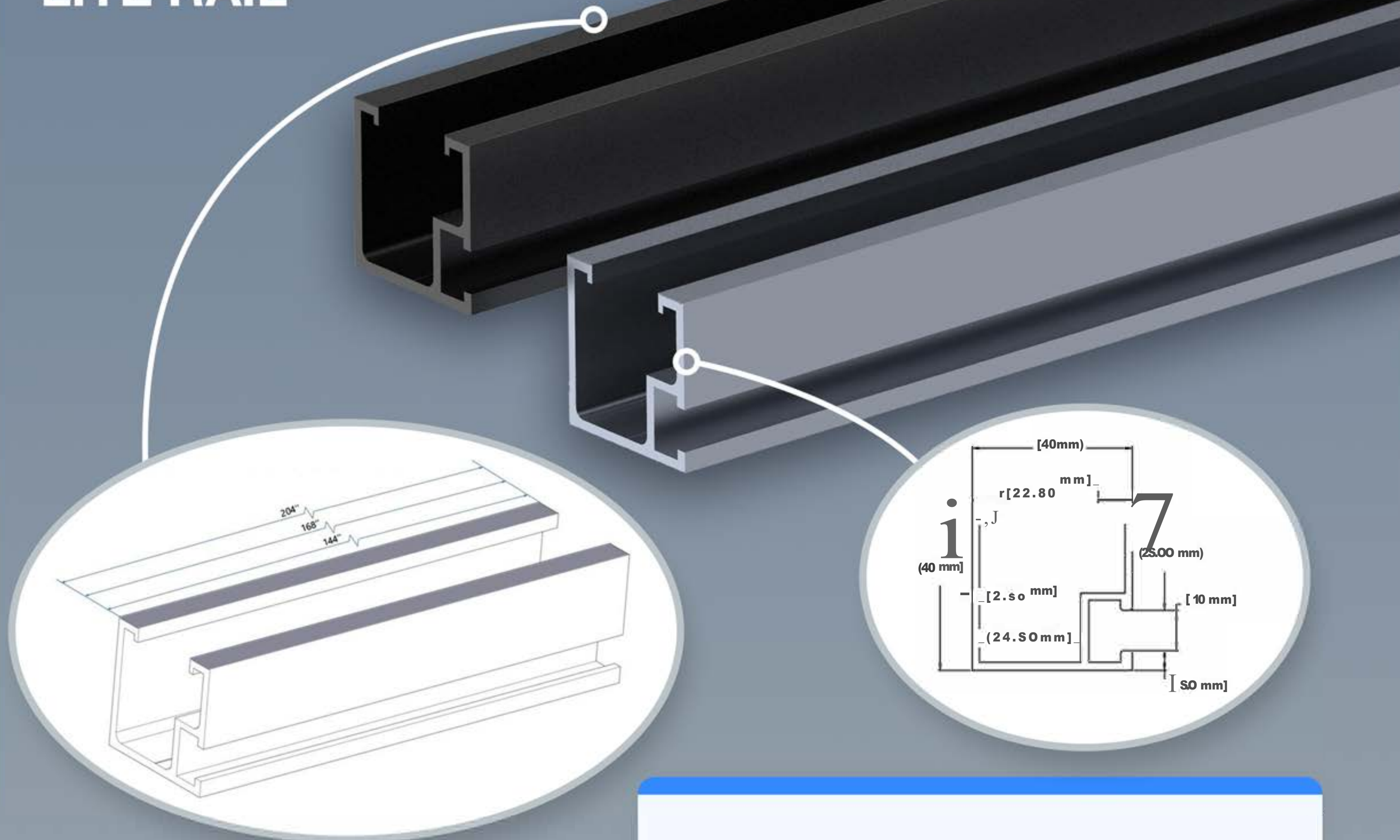


LITE RAIL



LITE AND STRONG

Dual Rack Lite Rails are custom designed for solar PV arrays on all residential and commercial projects. Meticulously engineered for exceptional strength and durability, these rails undergo thorough testing, proving their resilience across spans of up to eight feet. Installers prefer Dual Rack rails for their unbeatable combination of strength, reliability, and time-saving features. Moreover, their availability at the best price in the marketplace solidifies Dual Rack Lite Rails as the premier choice for those seeking a lightweight yet robust solar mounting solution.




ADVANTAGES AND HIGHLIGHTS

- Advanced Dual Rack Design
- PE Certified in Multiple States
- Installation Simplicity
- Time and Cost Savings
- Efficient Design
- Versatile Installation
- User Friendly
- Multiple Size Options and Aesthetics
- 20-year Limited Warranty
- Conforms to UL STD 2703
- ETL Certified
- Class A Fire Rated



RAIL SELECTION AND SPAN CHART

Product Line	
Item #	Product Name
LT-144-C	lite Rail 144"- Clear
LT-168-C	Lite Rail 168"- Clear
LT-204-C	lite Rail 204"- Clear
LT-144-B	lite Rail 144"- Black
LT-168-B	lite Rail 168"- Black
LT-204-B	lite Rail 204"- Black

EIL CLASSIFIED	
	
	

Rail Span Chart		Max Span Length (In.) Roof Wind Pressure Zone 1 Roof Snow Load (psi)									
Exposure B	Ultimate wind speed V (mph)	Rail Type	Roof Snow Load (psi)								
			0	10	20	30	40	50	60	70	
Roofs 00 to 70	110	HD	145	133	122	111	97	88	80	75	
		STD	116	107	94	81	71	64	59	54	
		LTE	95	86	76	67	59	53	48	45	
	115	HD	145	133	122	111	97	88	80	75	
		STD	116	107	94	81	71	64	59	54	
		LTE	95	86	76	67	59	53	48	45	
	120	HD	145	133	122	111	97	88	80	75	
		STD	116	107	94	81	71	64	59	54	
		LTE	95	86	76	67	59	53	48	45	
	130	HD	145	133	122	111	97	88	80	75	
		STD	112	107	94	81	71	64	59	54	
		LTE	85	85	76	67	59	53	48	45	
	140	HD	142	133	122	111	97	88	80	75	
		STD	104	104	94	81	71	64	59	54	
		LTE	80	80	76	67	59	53	48	45	
	150	HD	134	132	121	111	97	88	80	75	
		STD	97	97	92	81	71	64	59	54	
		LTE	77	77	76	67	59	53	48	45	

Ordering Specifics	
Standard Pack	6pcs
Dimension	144"/ 168"/ 204"
Weight	0.68 lbs/ft

special order for 144" in the US.

A. The table above ONLY includes Dual Rack rail capacity. It does not include roof attachment of roof capacity check.
 B. Structural risk category per ASCE/SEI 7-16. C. Wind exposure: B, C, D. Roof wind pressure region: Zone 1, Zone 2 & Zone 3.
 D. Maximum mean roof height is 45 ft. E. Seismic design category: A through E. F. Roof pitch is between 0 degree and 55 degree.
 G. Maximum solar panel weight is 50 lbs. H. Height of solar panel is between 2" and 10" to roof.
 I. see Exposure C and D, zone 1 & 2 & 3 span table calculation details in Installation Manual, E, certification.

INSTALLATION GUIDE

"For detailed instructions please refer to the Dual Rack installation guide"

Dual Rack is a robust, long-life photovoltaic (PV) module mounting system for both flat and pitched roofs. It consists of aluminum rails, roof attachments and all the necessary components to ensure a safe, easy, and sturdy installation. Dual Rack allows modules to be mounted in both landscape and portrait orientations.

INSTALL WITH DUAL JACK & L-FOOT

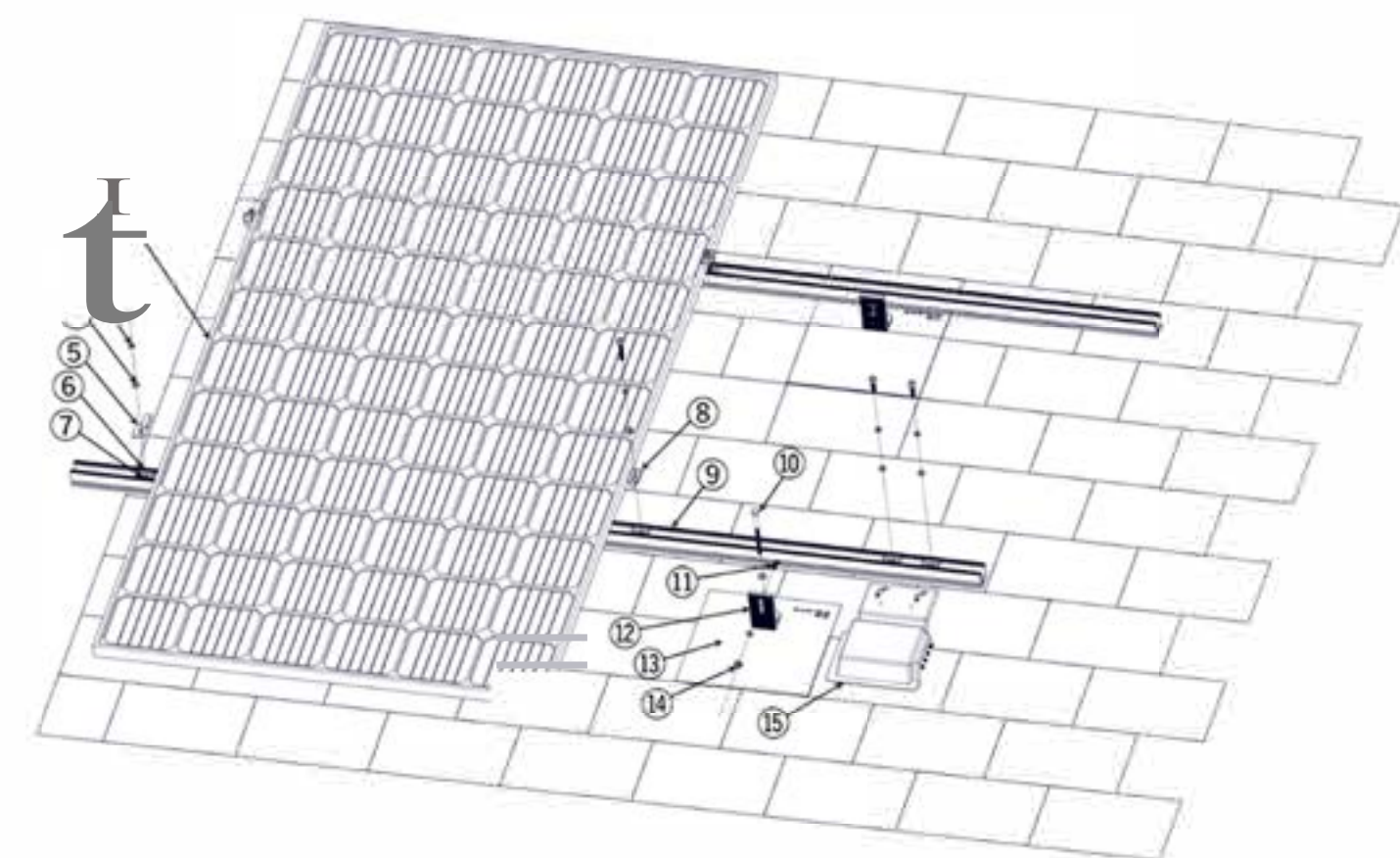


- After locating and securely installing standoff to rafter, attach L-foot with 3/8" bolt and nut to Lite Rail at desired height.
- L-foot enables height adjustment up to 1.1 inches.

INSTALL WITH SEALOC & FLASH L-KIT



- After locating and securely installing Flash L-Kit to rafter attach 3/8" bolt and nut to Lite Rail at desired height.



- (j) Solar Panel @ Lite Rail
- Ⓡ Dual Hex Bolt @ Flash L Kit-5 Inch Lag Bolt
- ⓂⓂⓂ @ Lock lasher (-) @ T-Bolt
- @ © Flat lasher @ Dual Sealoc
- 'fl, @ End Clamp Top @ Lite Flash L-Kit
- @ Channel Strut Floater @ Flange Nut
- Ⓡ Channel Strut Base @ Inverter
- @ Kid Clamp Top

• End Clamp, Mid Clamp and Channel Strut are pre-assembled and can be detached as top, base and other accessories such as, lasher and floater showing in the installation guide.

1-800-441-0001



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