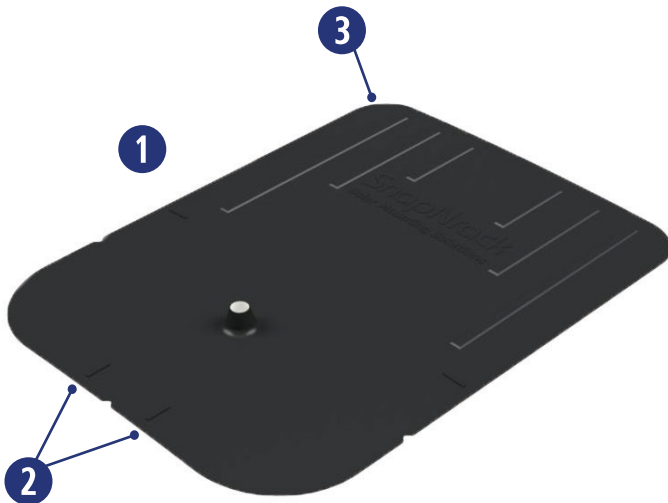


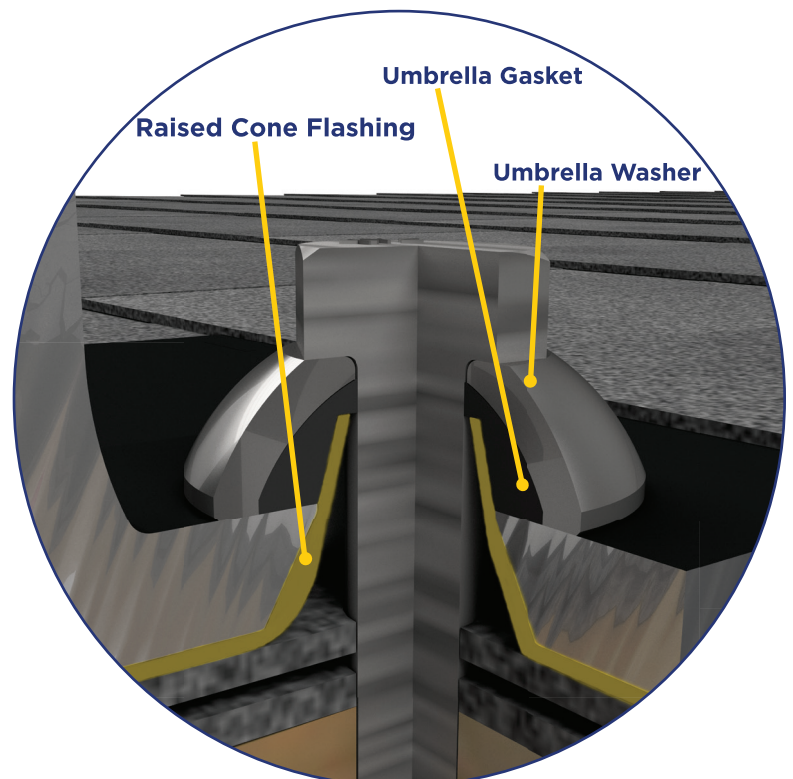
# SnapNrack Umbrella Sealing Technology



## Featuring New Innovative Flashing

- ① Smaller 9"x12" size allows for easier insertion under shingles
- ② Alignment markers make it easy to locate pilot holes
- ③ Rounded corners make for easier insertion & eliminate corner points from folding up

- **Innovative Flashing Elevates Protection.** New flashing uses a fully formed raised cone to prevent any potential water from getting into penetration. Feel secure as the flashing is one piece and doesn't rely on multiple parts sealing together.
- **Mechanical Design Creates a Lifelong Seal.** Patented Umbrella technology utilizes unique Umbrella Washer to seal lag bolt, L Foot, and flashing and prevent any potential roof leaks. Technology passes UL 2582 Wind Driven Rain Test without a rubber seal, however rubber gasket is included for extra peace of mind.
- **Single Fastener Eliminates Extra Steps.** Utilize one lag bolt with Umbrella Washer to secure the entire mount assembly and flashing. No longer necessary to attach a base, then a flashing, then a mount as all are secured in one step.
- **Single Tool Installation.** SnapNrack was the first in the industry to develop a complete system that only requires a single tool. That tradition is continued as a ½" socket is still the only tool necessary to secure the mount as well as all other parts of the system.



*Note: Flashing shown in yellow for illustration purposes only.*

## Industry Leading Spans for a Light Rail Solution

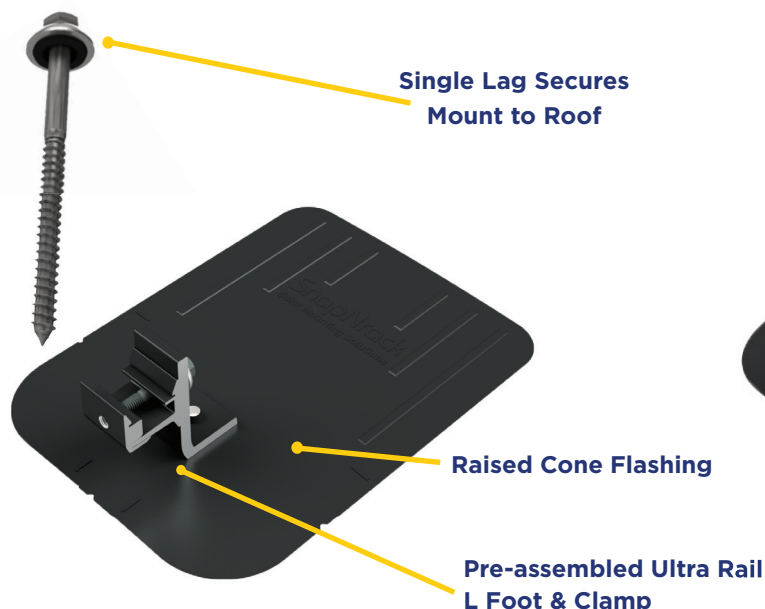
This table was prepared in compliance with applicable engineering codes and standards. Values are based on the following:

- ASCE 7-10
- Chapter 30 Wind Loads & Chapter 7 Snow Loads
- Roof Slope: 7 - 27 deg
- Roof Height: 0 - 30 ft
- Exposure: B
- Roof Zone: 1
- Module Orientation: Portrait
- Module Type: 60 Cell Modules
- Roof Type: Comp

System Span Key	
	6 ft Spans
	4 ft Spans
	2 ft Spans

		Ultra Rail, UR-40 Rail System Spans															
		Wind (mph)															
Snow (psf)		110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	190
	0																
	5																
	10																
	15																
	20																
	25																
	30																
	35																
	40																
	45																
	50																
	60																
	70																
	80																
	90																
	100																
	110																
	120																

Visit [SnapNrack.com](http://SnapNrack.com) for detailed span tables and certifications.



## Certifications

SnapNrack Ultra Rail system has been evaluated by Underwriters Laboratories (UL) and Listed to UL/ANSI Standard 2703 for Mechanical Loading and Fire. Additionally it is listed to UL 2582 for wind-driven rain.

