Listing Constructional Data Report (CDR)

1.0 Reference and Address			
Report Number	105546535LAX-001	Original Issued: 17-Jul-2024	Revised: 24-Mar-2025
Standard(s)	Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels [UL 2703:2015 Ed.1+R:24Mar2021]		

Applicant	Sunstack LLC	Manufacturer 1	[redacted]
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2.0 Product Description	
Product	Photovoltaic Racking System Installed Using SS Integrity Rail System Installation Manual, Version 23 11/14/2024
Brand name	NA
Description	The product covered by this report is a roof-mounted PV mounting system produced by Sunstack LLC and evaluated for low and steep-slope roofs. The system is comprised of mounting rails attached to the roof with L-feet and uses mid clamps and end clamps to secure the PV modules to the mounting rails. Bonding connections are made from module to rail using bonding mid clamp. Row-to-row bonding is acheived with bonding jumpers, and the system requires one rail-mounted ground lug or grounding junction box per section in order to electrically bond the modules to the system ground. The Installer of the systems is responsible for following the installation manual for the installation of the grounding lug and shall provide an appropriate method of direct-to-earth grounding according to the latest edition of the National Electrical Code, including NEC 250: Grounding and Bonding, and NEC 690: Solar Photovoltaic Systems. Any local electrical codes must be adhered in addition to the national electrical codes.
Models	SS Integrity Rail System
Model Similarity	NA
Ratings	Fire Class Rating: Class A for Type 1, Type 2 (Steep and Low Slope) Class A for Type 29, and Type 38 (Steep Slope) Fuse Rating: 30 A Mechanical Load Testing: Mechanical Load Rating: 28PSF Downward, 24PSF Upward, 8.5PSF Sloped Load Module Orientation: Portrait
Other Ratings	NA