

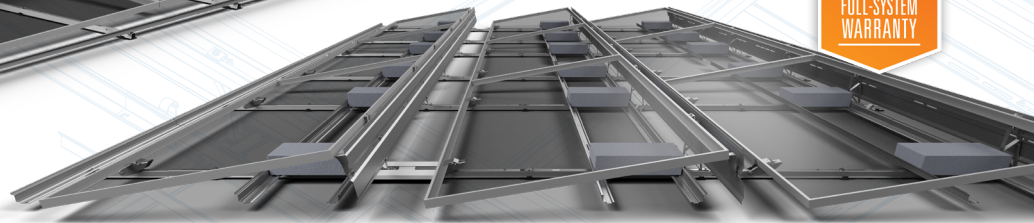
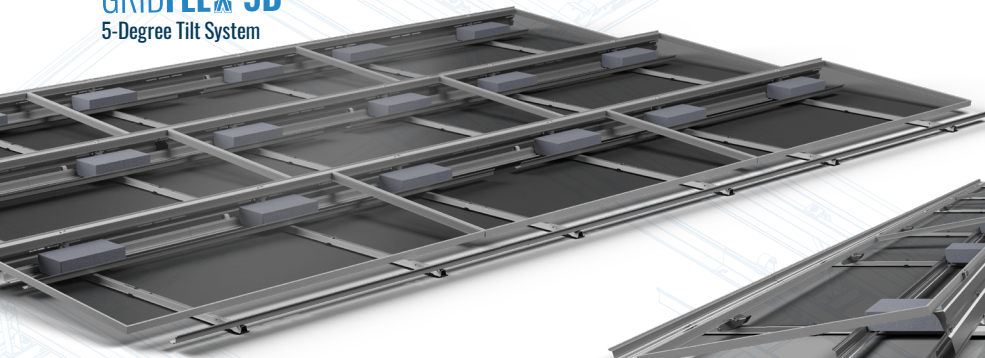


5 & 10 DEGREE GRID-BASED FLAT ROOF SYSTEM FOR COMMERCIAL INSTALLATIONS

BUILD IT RIGHT THE FIRST TIME!

Built for the demands of modern flat-roof projects, GRIDFLEX® combines structural integrity, installation speed, and long-term reliability—changing how the solar landscape is shaped, one roof at a time. Engineered to minimize ballast and attachments without compromising performance, GRIDFLEX® delivers streamlined installs, lower labor costs, and simplified maintenance access. Backed by a system-first design approach, everything solar pros need to build it right the first time.

GRIDFLEX® 5D ▼
5-Degree Tilt System



GRIDFLEX® 10D ▲
10-Degree Tilt System

GRIDFLEX® OVERVIEW

MINIMIZE BALLAST & ATTACHMENTS

New ballast rail profile improves the installation experience and ensures consistency across the entire array while reducing labor and material costs.

SECURE, LONG-LASTING CONNECTIONS

Torque-able, check-able clamps ensure system integrity and long-term performance.

SNAP-IN, STACKABLE ROOF PADS

Grip rails with integrated side wings for a fast, stable no-slip installation.

PRECISION INSTALLATION TOOLS

Rail-stamped measurement guides and labeled connections ensure fast, accurate setups.

MAXIMIZE ROOF UTILIZATION

Row spacing flexibility for maximum module density.

INTEGRATED WIRE MANAGEMENT

Tool-less components reduce clutter and streamline electrical BOS.

“POP-THE-HOOD” FIELD ACCESS

One-step swing-up design enables easy access beneath the panels WITHOUT removing any system components or hardware.

WIND-OPTIMIZED DESIGN

Wind-optimized layout resists uplifting and stabilizes arrays in high-wind environments. Wind tunnel tested and validated.

GREEN ZONE MOUNTING

Promotes even load-sharing across modules, protecting your system investment.

CERTIFICATIONS

Meets the UL 2703 standard. UL 3741 compliant system for commercial applications.

FOR QUESTIONS OR CUSTOMER SERVICE CONTACT:
505-242-6411 | SALES@UNIRAC.COM | WWW.UNIRAC.COM
PUB2026FEB25-V1

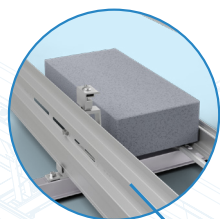
CONFORMS TO
UL3741

CONFORMS TO
UL2703

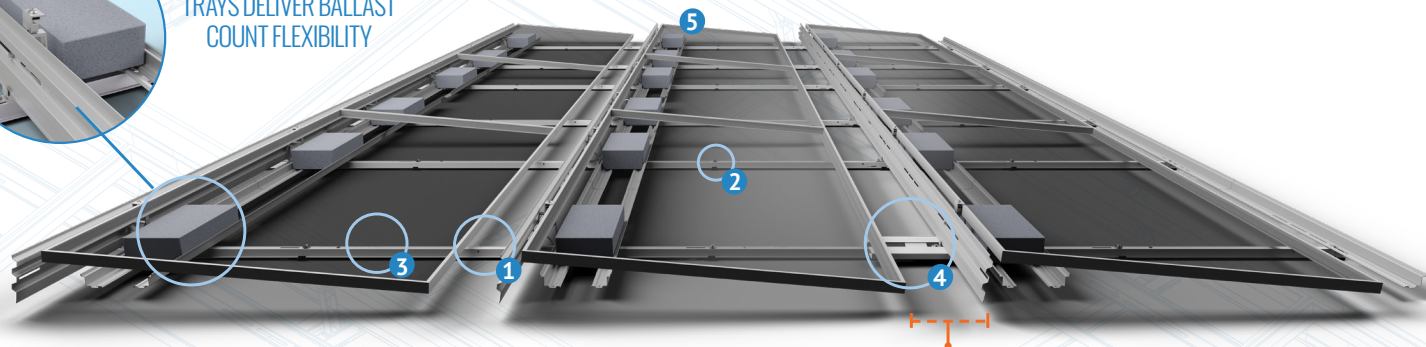


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CERTIFIED

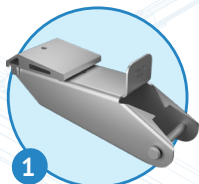
GRIDFLEX[®] 5D



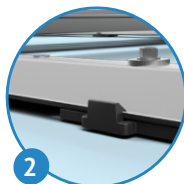
LANDSCAPE BALLAST TRAYS DELIVER BALLAST COUNT FLEXIBILITY



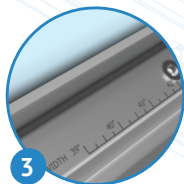
FLEXIBLE ROW SPACING OPTIONS – 7" OR 11"



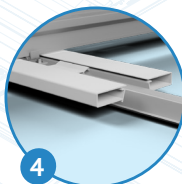
1
TORQUE-ABLE & CHECK-ABLE CLAMPS



2
SNAP-IN, STACKABLE ROOF PADS



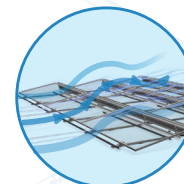
3
RAIL-STAMPED MEASUREMENT GUIDES FOR PRECISE INSTALLATION



4
INTEGRATED **TOOL-LESS** WIRE MANAGEMENT COMPONENTS

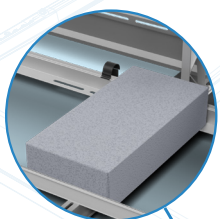


5
QUICK, EASY ACCESS BENEATH PANELS: NO REMOVAL OF INSTALLED PARTS!

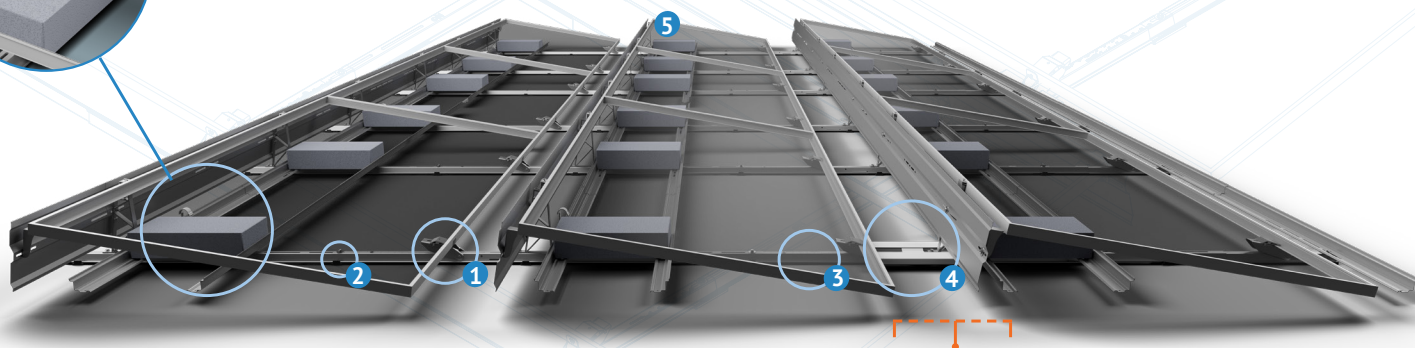


DESIGNED FOR MAXIMUM **UPLIFT RESISTANCE**

GRIDFLEX[®] 10D



PORTRAIT BALLAST TRAYS DELIVER BALLAST COUNT FLEXIBILITY



FLEXIBLE ROW SPACING OPTIONS – 10", 13", OR 17"

OVERVIEW CHART	GRIDFLEX [®] 5D	GRIDFLEX [®] 10D
TILT	5° - Degree	10° - Degree
ROW SPACING	7" & 11"	10", 13" & 17"
BALLAST BLOCK ORIENTATION	Horizontal or Landscape	Vertical or Portrait
MAX BLOCK COUNT	5 blocks per module	8 blocks per module
SHARED SYSTEM COMPONENTS	South Clamps, Ballast Rails, Roof Pads, Hardware Kits, & Wire Management Clips.	
DOMESTIC CONTENT	Domestically manufactured parts available	
DESIGN CONSIDERATIONS	• Higher system density, enabling more MW on the roof • Lower ballast requirements and reduced roof loading • Less sensitivity to shading	• Higher energy yield per module • Improved O&M and service access • Increased annual kWh production • Improved snow shedding

SPECIFICATIONS & RATINGS	
ROOF TYPE CAPABILITY	All Membrane including TPO, EPDM, PVC, Mineral Cap Tar and Gravel, Ballasted
MODULE ORIENTATION	Landscape
WIND EXPOSURE CATEGORY	B, C, D
USGS SEISMIC CATEGORIES	A, B, C, D
BUILDING HEIGHT	Up to 200 ft
CORROSION RESISTANT MATERIALS [COATINGS]	ZAM and Galvalume
ROOF SLOPE	Up to 7 degrees
WAVY ROOFS	Up to 3° of undulation
UL 2703 GROUNDING & BONDING	Yes
BALLAST BLOCK SIZE	4" x 8" x 16" and/or 2" x 8" x 16" Nominal
ROOF PAD MATERIAL	Santoprene
ATTACHMENT COMPATIBILITY	U-Anchor, OMG, Unirac Flashloc RM, and other similar attachments
SINGLE TOOL ASSEMBLY	3/8" Socket
MODULE SIZE COMPATIBILITY	39" - 52" Module Width 65" - 100" Module Length
MAXIMUM SYSTEM VOLTAGE	1500 V
MODULE SPACING	1/4"