

DETERRENT SPEED HUMP

Code: TRD-120RE



True leaders do not follow
...they lead the way

WHAT IS THE ECO SPEED HUMP?

Large-scale speed hump, designed to replace concrete speed humps commonly used in major urban areas.

Modular speed hump that can be assembled to cover any area as needed.

Perfectly suited for locations near schools, crosswalkings, hospitals, or any setting that demands lower vehicle speed.

Features

- Heavy-duty design for high-impact resistance against both frontal and lateral collisions, making it virtually unbreakable.
- Manufactured from medium-density polyethylene in black or yellow, a material that does not damage vehicles and is resistant to UV rays, moisture, oil, and extreme temperatures.
- Built to withstand continuous heavy-vehicle traffic.
- Assembled using a male-female interlocking system.
- Anti-skid performance is achieved through high-relief textured patterns molded into each piece.
- 100% stackable, reducing transport and storage costs.
- Maintenance free.
- Each module is installed with 6 anchors (not included).
- Optional solar road studs enhance nighttime visibility by automatically activating after charging during the day.

SMART SOLAR-POWERED SYSTEM

- Smart solar-powered road stud.
- Equipped with a high-efficiency solar panel and electronic system for optimal energy performance.
- Amber LEDs ranging from 4180 to 6000 mcd with a 30° viewing angle, ensuring effective visual signaling.
- Blue LEDs with brightness from 2130 to 4800 mcd and a 30° viewing angle.
- Flashing frequency: 3 Hz.
- Exclusive system for speed humps.

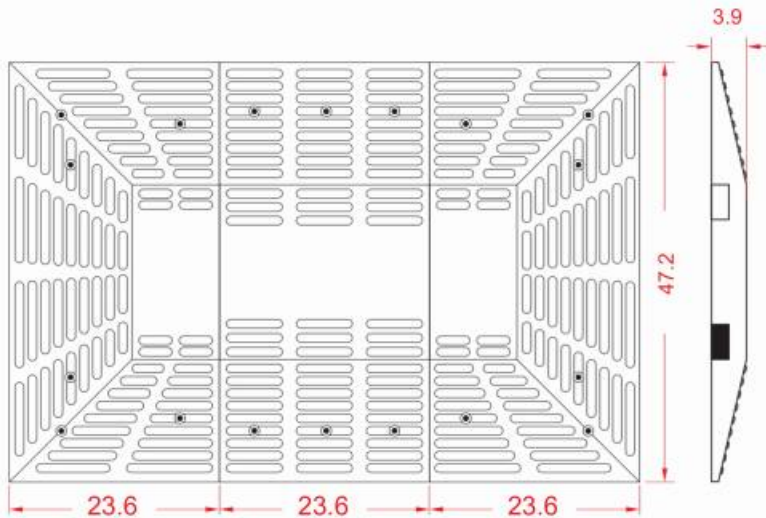
Note: This road stud is not suitable for standalone use, as the optical design of the acrylic lenses is engineered to perform efficiently only when installed within speed humps.



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Dimensions and other measurements are nominal and may vary by $\pm 2\%$



TOP VIEW



FRONT VIEW

Measures

Material:	Medium-density polyethylene (MDPE)
Side module weight:	85.1 lb
Central module weight:	97 lb
Piece dimensions:	Length: 47.2 in., Width: 23.6 in. Height: 3.9 in
Colors:	Yellow and black
Pressure resistance:	170,680 psi
Density:	0.6 oz/in ³ (ASTM C642)
Hardness (durometer):	70 \pm 7 (ASTM D2240)
Tensile strength:	300 psi (ASTM D412)
Compression deformation:	7% at 70 psi, 68°F (ASTM D575)
Brittleness temperature:	-40°F (ASTM D746)
Hardness:	65-70 shore hardness

Using a drill and a $\frac{1}{2}$ in. concrete bit, mark the boreholes using the speed hump as a template. Proceed to drill the marked spots to a depth of 3 in. Then, position the speed hump, insert the anchors, and nail them in with a 6-pound sledgehammer until fully seated.

Take care not to damage the product

