

VELUX TCR

Technical Product Data Sheet



Description

- TCR Sun Tunnel with curb mount metal flashing that mounts to site-built curb. Rigid aluminum tubing with highly reflective inner surface. Available in 14" diameter only, with acrylic or polycarbonate impact dome.

Installation

- No designated top, bottom, or sides for installation in both directions.
- 0 degrees to 60 degrees, use standard installation procedure.

Flashings

- **ECW** - Engineered flashing for curb mount with tile (over ¾") roofing material for roof pitch from 14-60 degrees.

Interior Accessories

- Decorative Diffusers **ZTB** are available in Micro Fresnel, Triple Wave, Brushed Metal, Prismatic, Bubbles, and Natural Light.
- Solar Night Light **ZTZ 213**
- Daylight Controller **ZTP** – Motorized variable positioning daylight controller.
- Universal Electric Light Kit **ZTL**
- Diffusion Enhancer **ZTZ 209**
- Energy Kit **ZTC**
- Exterior Fire Band **ZZZ 192**
- Vapor Barrier **ZTY**

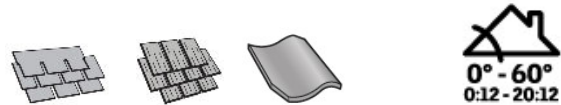
Type Sign

- Example: TCR 014 0000USG 01BM05
- Label located on intermediate ring under dome.



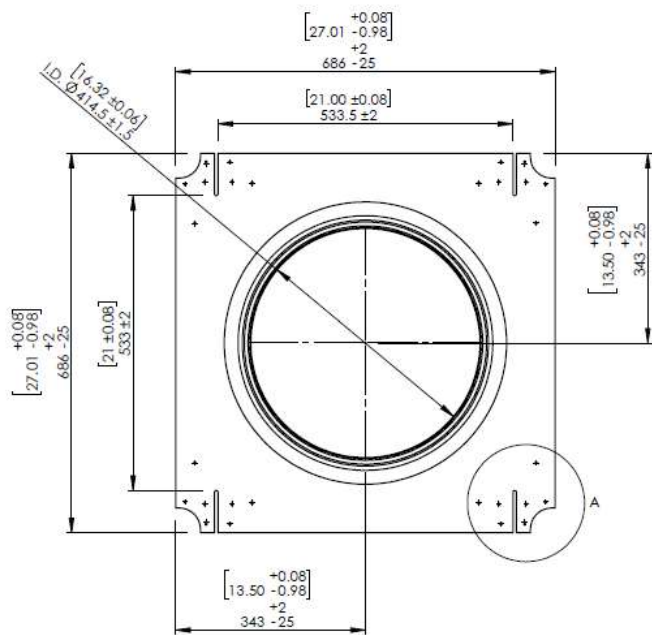
Standard Sizes

- 14" only



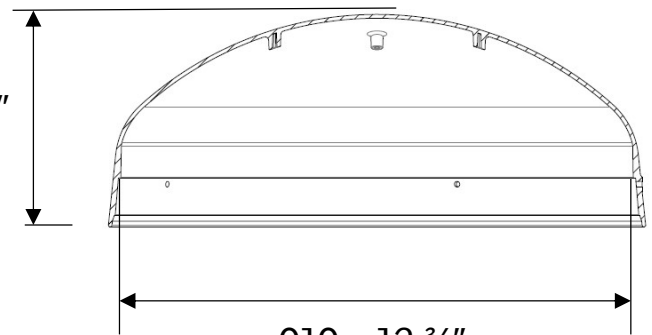
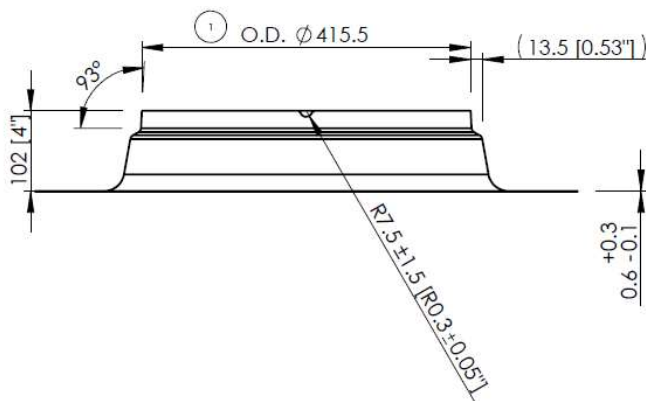
Warranty

- **Sun Tunnel Skylight** – 10 years from the date of purchase; VELUX warrants that the skylight will be free from defects in material and workmanship.
- **Acrylic Dome** - The yellowness index ("YI") on clear acrylic Sun Tunnel® Skylight domes shall be less than 4.0 for a period of (5) five years from the date of purchase and less than 10.0 for a period of (10) ten years from the date of purchase as measured with a Hunter Lab's spectrophotometer according to ASTM D 1925.
- **Polycarbonate Dome** - The yellowness index ("YI") on clear polycarbonate Sun Tunnel® Skylight domes shall be less than 4.0 for a period of (5) five years from the date of purchase as measured with a Hunter Lab's spectrophotometer according to ASTM D 1925.
- **Reflective tunnel (rigid only)** – 20 years from the date of purchase; The reflection-enhanced material in the Sun Tunnel® Skylight shall be free from defects in material and workmanship and correspond to the agreed materials properties. The material under normal interior environmental conditions will not splinter, yellow, darken, peel-off, blister, crack, or develop any other surface deterioration reducing the reflectivity when used as instructed in the relevant.
- **Accessories and Electrical Components** – 5 years from the date of purchase; VELUX warrants Velux accessories (diffusers, electric control systems, solar powered lights, energy kits and diffusion enhancer) will be free from defects in material and workmanship.



Size	Max Tunnel Length	Min Tunnel Length
14"	30'	12"

010 - 7"
014 - 6 1/8"
022 - 8 1/2"



010 - 12 3/4"
014 - 16 7/8"
022 - 25"

Certification

Glazing	NFRC U-factor	NFRC SHGC	NFRC Vt	Hallmark 426-H-705	IAPMO-ES ER 199	Fla Prod Approval 13303	TDI
TGR/TMR 10"/14" Acrylic Dome	0.53	0.46	0.42	✓	✓	✓	SK-12
TGR/TMR 10"/14" Polycarbonate Dome	0.53	0.46	0.42	✓	✓	✓	SK-15TGR
TGR 22" Acrylic Dome	0.44	0.28	0.43	✓	✓	✓	SK-12
TGR 22" Polycarbonate Dome	0.44	0.28	0.43	✓	✓	✓	SK-15

