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TCR Product Data Sheet

Starting Production Code: BF06 (June 2016)



Description	General	An engineered day lighting system consisting of a field assembly of an exterior roof curb counter flashing unit and an interior ceiling ring/diffuser joined by a rigid, reflective tunnel.	
	Installation	Instructions	Installation instructions included in every box. VAS 454063
Installation	Applications	Counter Flashing - G90 galvanized flashing. The flashing is offered in curb counter flashing kits in 14" only.	
	Installed Tunnel Length	48" (standard kit)	
	Roof Pitch	0° to 60°	
	Compatibility	Flashings	A site built square roof curb
Compatibility	Interior Accessories (Optional)	ZTL 114 - Light kit to use unit as a light source at night. Uses 23-26W compact fluorescent bulbs.	
		ZTB - Decorative Diffuser	
		ZTK - Blackout Shade	
	Exterior Accessories (Optional)	ZZZ 192 - Exterior Fire Band	
		ZTR - Additional rigid tubing available in 2', 4', and 6" lengths.	
		ZTP- Daylight Dimmer	
ECW - Tile Flashing for Curb Mount Sun Tunnels			
		ZTZ 209 - Diffusion Enhancer	
Materials	Dome	92% Transparent impact resistant acrylic with UV absorbers or polycarbonate.	
	Counter Flashing	G90 Galvanized metal curb flashing projects 4" above the roof deck.	
	Primary Diffuser	3mm frosted acrylic diffusion panel, Dia. 350.5 mm	
	Secondary Diffuser	1.5 mm crackle acrylic diffusion panel. Dia. 350.5 mm	
	Ceiling Ring	White A.B.S. Thermoplastic	
	Ceiling Ring Gasket	Triple sealing flexible vinyl.	
	Rigid Tubing	Highly reflective silver coated aluminum, 98% Reflective	
	Rigid Elbows	45° Rotating elbows, 11.5" tall, 0.02" (0.51 mm) thick	
	Tape	2" wide Aluminum tape	
	Screws	1" screws for fastening dome and lower reflective elbow.	
	Tunnel Clips	Flexi-Loc clips	
	Sizes	Standard Size	14" diameter tunnel
Tunnel lengths		Maximum	20'
		Minimum	16"
Dome Size		Thickness = 1/8" or 3.2 mm, Height = 6-15/16" or 176.5 mm, Outside diameter= 17-9/16" or 446.2 mm, Inside diameter = 16-7/8" or 429.5 mm.	
Counter Flashing Size		21" x 21" (534mm x 534mm)	
Ceiling Ring Size	Inside Diameter = 14" (356.5 mm), Outside Diameter = 16-3/4" (426 mm)		

Certification	Air/Water/ Structural	<input checked="" type="checkbox"/> Hallmark <input type="checkbox"/> TDI <input type="checkbox"/> IAPMO-ES	<input checked="" type="checkbox"/> Florida <input type="checkbox"/> Miami Dade <input type="checkbox"/> LA Research Report
	Thermal	<input checked="" type="checkbox"/> U-Factor <input checked="" type="checkbox"/> Energy Star Option	<input checked="" type="checkbox"/> SHGC
Warranty	Complete Product	10 years from the date of purchase, VELUX warrants that the SUNTUNNEL skylight will be free from defects in material and workmanship	
Changes from Earlier Versions	Exterior	Introduce Flex-Loc clip system	
	Interior	New accessories - Decorative diffuser	
Type Sign	Example	48BF11A	
	Location	Sticker located on the black intermediate ring.	
Other Information	Features & Benefits	Great source of natural light, in spaces where regular skylights are not as practical or where diffuse light is desired.	