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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		
	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		
	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	nside Diameter = 14" (356.5 mm), Outside Diameter = 16-3/4" (426 mm)		

Certification	Air/Water/ Structural	☑ Hallmark	☑ Florida
		☐ TDI	☐ Miami Dade
		☐ IAPMO-ES	☐ LA Research Report
	Thermal	☑ U-Factor	☑ SHGC
		☑ Energy Star Option	
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.	