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TGF/TMF Product Data Sheet

Starting Production Code: BF06 (June 2016)



Description	General	An engineered day lighting system consisting of a field assembly of an exterior frame/roof flashing unit and an interior ceiling ring/diffuser joined by a flexible, reflective tunnel.
	Installation	
Installation	Instructions	Installation instructions included in every box. VAS 454065
	Applications	Flashing - G90 Galvanized flashing with water diverters for composite shingles, thin wooden shakes, and slate type roofing material.
	Installed Tunnel Length	8' (standard kit)
	Roof Pitch	14° to 60°
Compatibility	Flashings	Flashing is built on to the unit.
	Interior Accessories (Optional)	ZTL 114/122 - Light kit to use unit as a light source at night. Uses 23-26W compact fluorescent bulb.
		ZTB - Decorative Diffuser
		ZTK - Blackout Shade (14" Only)
		ZTB S1001 - Lovegrove Chandelier
		ZTC 0041- Residential Energy Kit
	Exterior Accessories (Optional)	ZZZ 192 - Exterior Fire Band
		ZTF - Additional Flex Tunnel
		ZTM - Tile flashing kit (TMF only)
		ZTZ 209 - Diffusion Enhancer
Materials	Dome	92% transparent impact resistant acrylic with UV absorbers or polycarbonate.
	Flashing	G90 Galvanized metal low profile flashing (TGF) projects 4" above the roof deck and is available in 14" and 22". G90 galvanized metal pitched flashing (TMF) allows for a horizontal dome installation when installed on a 15° to 37° roof pitch and projects 9" above the roof deck and is available in 14" size only.
	Primary Diffuser	3mm frosted acrylic diffusion panel, 14" Dia. 350.5 mm, 22" Dia. 551 mm
	Secondary Diffuser	1.5 mm clear crackle diffusion panel. 14" Dia. 350.5 mm, 22" Dia. 551 mm
	Ceiling Ring	White A.B.S. Thermoplastic
	Ceiling ring Gasket	Triple sealing flexible vinyl.
	Flexible Tubing	Metalized polyester, fiberglass scrim and springsteel wire.
	Tape	2" wide Aluminum foil tape
	Screws	1" screws for fastening dome and lower reflective ring.
	Flashing screws	1.5" Flashing screws

Sizes	Standard Sizes	TGF 14" and 22" diameter, TMF 14" diameter only	
	Tunnel lengths	Maximum	8'
		Minimum	16"
	Dome Size 014	Thickness = 1/8" or 3mm, Height = 6-15/16" (176.5mm), Outside diameter= 17-9/16" (446.2mm), Inside diameter = 16 7/8" (429.5mm).	
	Dome Size 022	Thickness = 1/8" or 3mm, Height = 8-1/2" (215.5mm), Outside diameter= 25-5/8" (650.2mm), Inside diameter = 24-15/16" (633.7mm).	
	Flashing Size 14"	TGR 29" x 29" (736.5mm x 736.5mm)	
		TMR 29" x 30.49" (736.5mm x 774.5mm)	
	Flashing Size 22"	37" x 37" (940mm x 940mm)	
Ceiling Ring	014: Inside Dia. = 14" (356.5mm), Outside Dia. = 16-3/4" (426mm) 022: Inside Dia. = 21" (557.5mm), Outside Dia. = 24-5/8" (627 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	Flexi-Loc system, New elbows	
	Interior	New accessories - Decorative diffuser	
Type Sign	Example	48BF11A	
	Location	Sticker located on black intermediate ring. Visible through dome.	
Other Information	Features & Benefits	Great source of natural light, in spaces where regular skylights are not as practical or where diffuse light is desired. Flexible tunnel easily avoids obstructions.	