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Created by: CNJ

THR Product Data Sheet

Starting Production Code: BF05 (May 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 rigid, reflective tunnel.	
	Installation	Instructions	Installation instructions included in every box. VAS 454064
		Applications	Flashing - Thermoplastic flashing for composite shingles, thin wooden shakes, and slate type roofing material of maximum height 5/16"
		Installed tunnel length	48" (standard kit)
Roof Pitch		14° to 60°	
Compatibility	Flashings	Flashing is built into the unit.	
	Interior Accessories (Optional)	ZTL 114 - Light kit to use unit as a light source at night. Uses 23-26W compact fluorescent bulb.	
		ZTC 0041 - Residential Energy Kit	
		ZTB - Decorative Diffuser	
		ZTP - Daylight Controller	
		ZZZ 233 - Daylight Controller Power Supply	
		ZTK - Blackout Shade	
		ZTR - Additional rigid tubing available in 2', 4', and 6" lengths.	
ZTZ 209 - Diffusion Enhancer			
Materials	Dome	92% Transparent impact resistant acrylic with UV absorbers.	
	Flashing	Thermoplastic pitched flashing allows for a horizontal dome installation when installed on a 14° to 45° roof pitch and projects 9" above the roof deck and is available in 10" and 14".	
	Primary Diffuser	3mm frosted acrylic diffusion panel, Diameter 245.5 mm	
	Secondary Diffuser	1.5 mm crackle acrylic diffusion panel. Diameter 245.5 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	36' of PVC tape	
	Screws	3/4" screws for fastening dome and 3/8" screws securing lower reflective elbow.	
	Tunnel clips	Flexi-Loc clips	

Sizes	Standard Sizes	10" and 14" diameters	
	Tunnel lengths	Maximum	20'
		Minimum	16"
	Dome 010	Thickness = 1/8" or 3.2 mm, Height = 6-3/16" or 156.5 mm, Outside diameter= 13-7/16" or 341.4 mm, Inside diameter = 12-3/4" or 324.8 mm.	
	Dome 014	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.	
	Flashing 10"	24.74 " x 27.74" (628.5mm x 628.5mm)	
	Flashing 14"	29.00" x 29.00" (736.5mm x 736.5mm)	
	Ceiling Ring Size 010	Inside Diameter = 9-7/8" (251.5 mm), Outside Diameter = 12-5/8" (321 mm)	
Ceiling Ring Size 014	Inside Diameter = 14" (356.5 mm), Outside Diameter = 16-3/4" (426 mm)		
Certification	Air/Water/Structural	<input type="checkbox"/> Hallmark <input type="checkbox"/> TDI <input type="checkbox"/> IAPMO-ES	<input type="checkbox"/> Florida <input type="checkbox"/> Miami Dade <input type="checkbox"/> LA Research Report
	Thermal	<input type="checkbox"/> U-Factor <input type="checkbox"/> Energy Star Option	<input 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	N/A	
	Interior	N/A	
Type Sign	Example	48BF11	
	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.	