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TLR Product Data Sheet

Starting Production Code: BE26 (June 2015)



Description	General	An engineered day lighting system consisting of a field assembly of an exterior flat tempered glass frame/roof flashing, an interior ceiling ring/diffuser, two elbows, a rigid reflective tunnel, and hardware.	
	Installation	Instructions	Installation instructions included in every box. VAS 453987
Installation	Applications	Flashing - aluminum flashing with water diverters for composite shingles, and thin wooden shake type roofing material. Very low profile.	
	Installed tunnel length	48" (Standard Kit)	
	Roof Pitch	14° to 60°	
	Compatibility	Flashings	Flashing is built on to the unit.
Compatibility	Interior Accessories (Optional)	ZTL 114 - Light kit to use unit as a light source at night. Uses 23-26W compact fluorescent bulb.	
		ZTB - Decorative Diffuser	
		ZTK - Blackout Shade	
	Exterior Accessories (Optional)	ZTP - Daylight Controller	
		ZTZ 211 - Rotating Coupler	
		ZTR - Additional rigid tubing available in 2', 4', and 6" lengths.	
		ZTE - Rotating elbow	
		ZTZ 209 - Diffusion Enhancer	
Materials	Lens Size	4mm tempered clear glass	
	Flashing	Kynar coated aluminum	
	Sash	ASA Luran	
	Primary Diffuser	3mm frosted acrylic diffusion panel, Diameter 350.5 mm	
	Secondary Diffuser	1.5 mm crackle acrylic diffusion panel. Diameter 350.5 mm	
	Ceiling Ring	White A.B.S. Thermoplastic	
	Ceiling Ring Gasket	Triple sealing flexible vinyl.	
	Rigid Tunnel	Highly reflective silver coated Aluminum, 98% Reflective Tunnel	
	Rigid Elbows	45° Rotating elbows, 11.5" tall, 0.02" (0.51 mm) thick	
	Tape	2" wide Aluminum foil tape	
	Flashing Nails	1" Flashing nails/clips	
	Sizes	Standard Sizes	14" Diameter Only
Tunnel lengths		Maximum	20'
		Minimum	16"
Lens Size		Thickness = 5/32" (4mm), Length 16 15/16", width 16 15/16"	
Flashing Size		30 7/16" x 25 3/4" (773.1 mm x 653.5 mm)	
Ceiling Ring	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 checked="" type="checkbox"/> Florida <input type="checkbox"/> Miami Dade <input type="checkbox"/> LA Research Report
	Thermal	<input checked="" type="checkbox"/> U-Factor <input 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	Introduction of Flexi Loc system	
	Interior	New accessories - Decorative diffuser	
Type Sign	Example	TLR 014 2000AB	
	Location	Sticker located on the back of trim 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. Good for developments where local ordinances do not allow acrylic domes.	