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Created by: CNJ

TZR/TZRL Product Data Sheet



Starting Production Code: BK08 (August 2020)

Description	General	An engineered day lighting system consisting of the field assembly of a curb mounted skylight and an interior ceiling ring/diffuser joined by a rigid, reflective tunnel. Fire rated for Wildlife Urban Interface Zones.
	Instructions	Installation instructions included in every box. VAS 454665
Installation	Applications	Curb mounted. TZRL includes ECL flashing kit.
	Installed tunnel length	48" (standard kit)
	Roof Pitch	TZR 0° to 60°, TZRL/TZRQ 10° to 60°
	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. GU24 socket. Uses 23-26W compact fluorescent bulb or 6-14W LED bulb.
		ZTC 0051 - Residential Energy Kit
		ZTB - Decorative Diffusers
		ZTP - Daylight Controller
		ZZZ 233 - Daylight Controller Power Supply
	Exterior Accessories (Optional)	ZTE - Additional rigid elbows
		ZTR - Additional rigid tubing available in 2', 4', and 6" lengths.
		ZTZ 211 - Rotating Tunnel Coupler
ZTZ 209 - Diffusion Enhancer		
Materials	Glazing	Curb-mounted Skylight lens with clear 3mm tempered outer pane with 7mm diamond wire inner pane.
	Flashing	TZR - None. TZRL - ECL flashing kit.
	Primary Diffuser	3mm clear acrylic screw-in diffuser
	Secondary Diffuser	1.5 mm frosted acrylic diffusion panel. Diameter 240 mm (010), 342 mm (014)
	Diffuser Gasket	Overmolded
	Ceiling Ring	White A.B.S. Thermoplastic
	Rigid Tubing	Highly reflective silver coated aluminum, 98% reflective
	Rigid Elbows	45° Rotating elbows, 11.5" tall, 0.02" (0.51 mm) thick
	Tape	2.5" wide Aluminum foil tape
	Screws	1" screws for fastening flashing, 3/4" dome screws
	Tunnel fastners	Flexi-Loc clips, 3/8 " screws if needed.

Sizes	Standard Sizes	14" diameter Only	
	Tunnel lengths	Maximum	30'
		Minimum	16"
	Glazing Skylight	FCM 1414 Skylight	
	Curb	Outside curb Dimension 17 1/2" (445 mm) x 17 1/2" (445 mm)	
	Ceiling Ring Size 010	Inside Diameter = 9-7/8" (249.5 mm), Outside Diameter = 12-5/8" (321 mm)	
Ceiling Ring Size 014	Inside Diameter = 14" (352.8 mm), Outside Diameter = 16-5/8" (423 mm)		
Certification	Air/Water/ Structural	<input checked="" type="checkbox"/> Hallmark <input checked="" type="checkbox"/> TDI <input checked="" type="checkbox"/> IAPMO-ES	<input checked="" type="checkbox"/> Florida <input type="checkbox"/> Miami Dade <input checked="" type="checkbox"/> LA Research Report
	Thermal	<input checked="" type="checkbox"/> U-Factor <input checked="" type="checkbox"/> Energy Star Option	<input checked="" type="checkbox"/> SHGC
	Fire	ASTM E2886/E2886M - Ember Penetration Test	
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	None	
	Interior	None	
Type Sign	Example	48BK07	
	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. Fire Zone rated for Wildlife Urban Interface Zone.	