

MILLENIUM FREESCALE™

FS1224 SERIES

PRODUCT FEATURES:

- » Ceiling/Wall mount – 15"W×29"L×8"D
- » Marine grade aluminum baseplate
- » Round or Triangle 100% DR acrylic lens options with multiple Lens Frames
- » UL certified IP65 per IEC 60598



FS1224R

FS1224T

SPECIFICATIONS

BASEPLATE: Die-formed marine grade aluminum; welded corners. Baseplate provided with four-point mounting holes, one wireway hole – see Cross Section/Details. TGIC Polyester powder coat – 5-stage pre-treatment; Salt spray test: 1,000 hours.

REFLECTOR: Die-formed marine grade aluminum. Full reflector/wire cover – 92% reflectivity.

LENS: UV-stabilized, high impact resistant, pressure formed pearlescent 100% DR acrylic. Nominal thickness .125". Lens secured in place by lens frame and sealed to baseplate with closed cell silicone gasket.

LENS FRAME/CROSS BARS: Marine grade aluminum; secured to baseplate with tamper-resistant stainless steel Torx® with center pin fasteners. Cross bars nominal thickness .25". Post assembly TGIC polyester powder coat - 5-stage pre-treatment; Salt spray test: 1,000 hours. Optional perf insert 30% open, stainless steel. See Ordering Information for standard, optional, architectural, and custom finishes.

HARDWARE: Four stainless steel Torx® with center pin fasteners. Internal brackets and fasteners are non-corrosive. Surface Conduit Adapter (SCA) accessory – stainless steel trim frame assembly with integral J-box; finished to match lens frame (not available with CA finish). Water-tight conduit fittings supplied by others. Rough Service Adapter (RSA) accessory – stainless steel plate (adds .625" height) finished to match lens frame (not available with CA finish). Stainless steel fasteners provided for mounting fixture to RSA or SCA.

ELECTRICAL: Available 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC, or 347VAC 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities (non dim-to-dark with 347V); 165 µA max. source current. Consult factory for fluorescent options.

INSTALLATION: Standard four-point mounting required for Peace of Mind Guarantee®.

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For photometric information, go to www.kenall.com.

WARRANTY: limited five (5) year LED warranty.

LISTINGS: Luminaire certified to UL standards by Intertek Testing Laboratory for Wet Locations. ETL certified IP65 per IEC 60598.

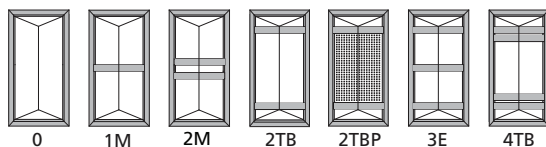


ORDERING INFORMATION (Ex: FS1224T-2TB-PIA-LG-45L40K-1-120-FS)

Model	Lens Frame	Lens Type	Finish	Lamp Type	Voltage	Options	Accessories
Model			Finish		Voltage		
FS1224R	Round		BR	Bronze	120	120 Volts	
FS1224T	Triangle		CS	Cool Satin Aluminum	277	277 Volts	
			DB	Dark Bronze	347	347 Volts	
			FG	Forest Green	DV	120-277 Volts	
			LG	Light Gray			
			MB	Matte Black			
			MW	Matte White			
			WS	Warm Satin Aluminum			
			CC	Custom Color (Consult factory)			
			Lamp Type			Options	
			45L35K	45 Watt 3500K LED		FS	Single Fuse & Holder (n/a with 347V)
			45L40K	45 Watt 4000K LED		PH	Phillips Head Fasteners
			45L50K	45 Watt 5000K LED		PC‡	Photo Control with deep housing surface adapter (N/A with 347V or DV)
						Accessories	
						SCA▼	Surface Conduit Adapter
						RSA▼	Rough Surface Adapter
						9500	Torx® Screwdriver
						D-0552	Torx® Driver Bit

▼ n/a with option(s) that require deep housing surface adapter

LENS FRAME



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

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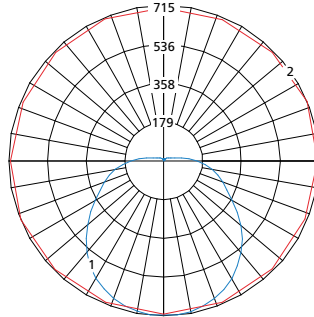
FS1224 SERIES – Technical Data

PERFORMANCE

Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
45L35K	3324	68	49	94	80,000
45L40K	3544	72	49	94	80,000
45L50K	3686	75	49	94	80,000

Displayed info is for PIA lens only. Infor subject to change. Visit www.kenall.com for IES files and additional information.

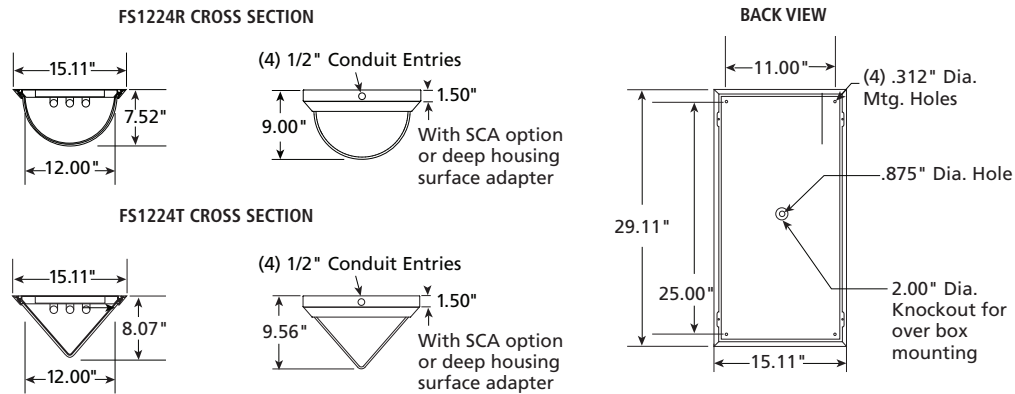
Model: FS1224T-2TB-PIA-MB-45L40K-DV



Maximum Candela = 715 Located At Horizontal Angle = 22.5, Vertical Angle = 5

- 1 - Vertical Plane Through Horizontal Angles (22.5-202.5) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

DIMENSIONAL DATA



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