

MILLENNIUM FREESCALE™

FS1248 SERIES

PRODUCT FEATURES:

- » Surface mount – wall or ceiling; 15"W×53"H×8"D
- » Marine grade aluminum baseplate
- » Round or Triangle 100% DR acrylic lens options with multiple Lens Frames
- » UL certified IP65 per IEC 60598



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

SPECIFICATIONS

BASEPLATE: Die-formed marine grade aluminum; welded corners. Baseplate provided with six-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: Six stainless steel Torx® T-20 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 3000K, 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); 330µA max. source current. Consult factory for fluorescent option.

SENSOR & CONTROLS: Optional sensor available with compatible third party controls. To see the full list of compatible controls, [click here](#).

INSTALLATION: Standard six-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. [Peace of Mind Guarantee against breakage](#).

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

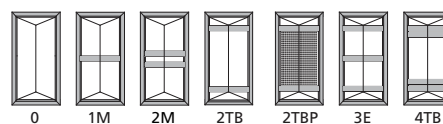


ORDERING INFORMATION (Ex: FS1248T-2TB-PIA-MW-90L40K-1-277-FS)

Model	Lens Frame	Lens Type	Finish	Lamp Type	Voltage	Options	Accessories
Model			Finish		Voltage		
FS1248R	Round		BR Bronze		120 120 Volts		
FS1248T	Triangle		CS Cool Satin Aluminum		277 277 Volts		
Lens Frame			DB Dark Bronze		347 347 Volts		
0	No Bars		FG Forest Green		DV 120-277 Volts		
1M	One Bar – Middle		LG Light Gray		Options		
2M	Two Bars – Middle		MB Matte Black		FS Single Fuse & Holder (n/a with 347V)		
2TB	Two Bars – Top & Bottom		MW Matte White		PH Phillips Head Fasteners		
2TBP	Two Horizontal Bars w/Perf		WS Warm Satin Aluminum		PC Photo Control with deep housing surface adapter (n/a with DV)		
3E	Three Bars – Even Spaced		CC Custom Color (Consult factory)		Accessories		
4TB	Four Bars – Top & Bottom		Lamp Type		SCA* Surface Conduit Adapter		
Lens Type			90L30K 90 Watt 3000K LED		RSA* Rough Surface Adapter		
PIA	Pearlescent High Impact 100% DR Acrylic		90L35K 90 Watt 3500K LED				
MPA	Matte Pearlescent High Impact 100% DR Acrylic		90L40K 90 Watt 4000K LED				
			90L50K 90 Watt 5000K LED				

▼ 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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This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2022 Kenall Mfg. Co.

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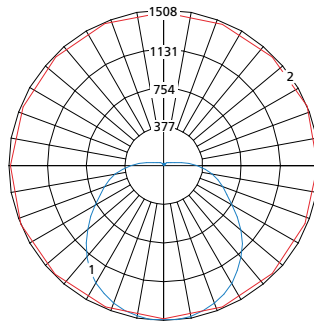
FS1248 SERIES – Technical Data

PERFORMANCE

Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
90L30K	7,016	72	98	94	60,000
90L35K	7,233	74			
90L40K	7,480	76			
90L50K	7,779	79			

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

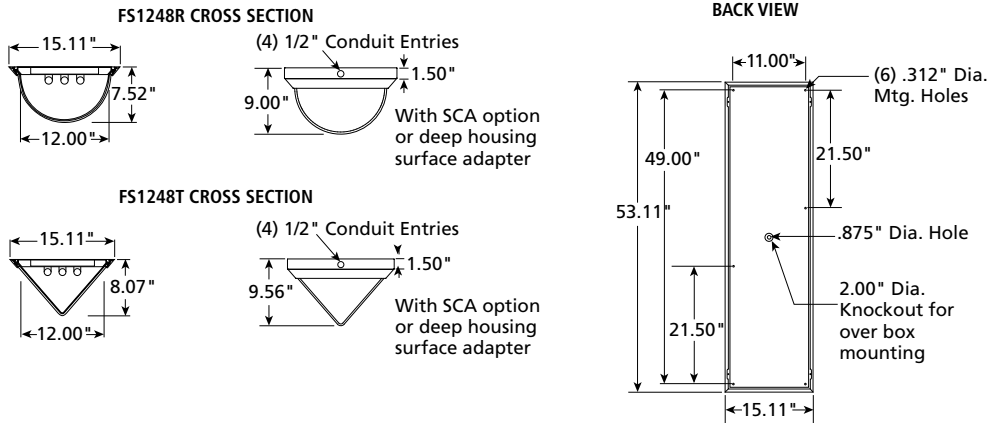
Model: FS1248T-2TB-PIA-MB-90L40K-DV



Maximum Candela = 1508 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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