

MILLENNIUM FREESCALE™

FS848 SERIES

PRODUCT FEATURES:

- » Surface mount – wall or ceiling; 12"W×53"H×6"D
- » Marine grade aluminum baseplate
- » Round or Triangle 100% DR acrylic lens options with multiple lens frame styles
- » UL certified IP65 per IEC 60598



FS848R FS848T

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 (n/a 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 (n/a with CA finish). Stainless steel fasteners provided for mounting fixture to RSA or SCA.

ELECTRICAL: **LED:** Available 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 10-100% range, maximum driver source of 500 µA. **LE:** Fluorescent magnetic ballasts – 120-277V power factor corrected, fluorescent electronic 120-277V and dual voltage ballasts high power factor (<10% THD).

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.

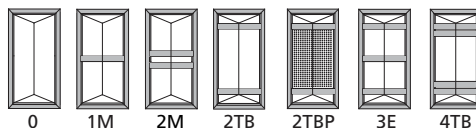
LISTINGS: UL and CUL listed for Wet Location. UL certified IP65 per IEC 60598.



ORDERING INFORMATION (Ex: FS848R-3E-PIA-MB-67L40K-1-277-FS)

Model	Lens Frame	Lens Type	Finish	Lamp Type	Lamp Qty	Voltage	Options	Accessories
Model				Lamp Type (Qty/Ballast/Volt./Starting Temp)			Options	
FS848R	Round			67L35K 67 Watt 3500K LED			CEL ▲ One Lamp Emergency Pack (0°F) with deep housing surface adapter (120-277V only)	
FS848T	Triangle			67L40K 67 Watt 4000K LED			EL ▲ One Lamp Emergency Pack (32°F) 347V available with F32T8 only and Includes deep housing surface adapter.‡	
Lens Frame				67L50K 67 Watt 5000K LED			FS Single Fuse & Holder (n/a w 347V)	
0	No Bars			28* F28T5 (1,2,3/RS/120,277,347/0°F)			PH Phillips Head Fasteners	
1M	One Bar – Middle			32 F32T8 (1,2/IS/120,277,347/0°F)			PC ‡ Photo Control with deep housing surface adapter (n/a with 347V or DV)	
1M	One Bar – Middle			44 F48T8HO (1/RS/120,277/-20°F)				
2M	Two Bars – Middle			54 F54T5HO (1,2/RS/120,277,347/0°F)				
2TB	Two Bars – Top & Bottom							
2TBP	Two Horizontal Bars w/Perf			Lamp Quantity (See Lamp Type)			Accessories	
3E	Three Bars – Even Spaced			1 One Lamp			SCA ▼ Surface Conduit Adapter	
4TB	Four Bars – Top & Bottom			2 Two Lamps			RSA ▼ Rough Surface Adapter	
Lens Type				3 Three Lamps				
PIA	Pearlescent High Impact 100% DR Acrylic			Voltage			• Vertical wall or ceiling mount only	
MPA	Matte Pearlescent High Impact 100% DR Acrylic			120 120 Volts			* 347V available with 2 lamps only	
Finish				277 277 Volts			▲ n/a with LED	
BR	Bronze			347 ▲ 347 Volts			▼ n/a with option(s) that require deep housing surface adapter	
DB	Dark Bronze			DV 120-277 Volts				
CS	Cool Satin Aluminum							
FG	Forest Green							
LG	Light Gray							
MB	Matte Black							
MW	Matte White							
WS	Warm Satin Aluminum							
CC	Custom Color (Consult factory)							

LENS FRAME



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

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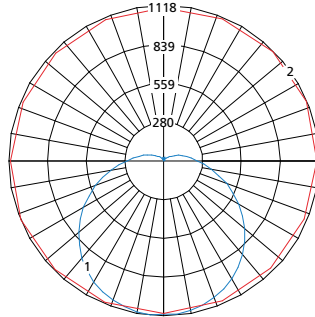
FS848 SERIES – Technical Data

PERFORMANCE

Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
67L35K	5061	68	74	66	80,000
67L40K	5396	73	74	66	80,000
67L50K	5612	76	74	66	80,000

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

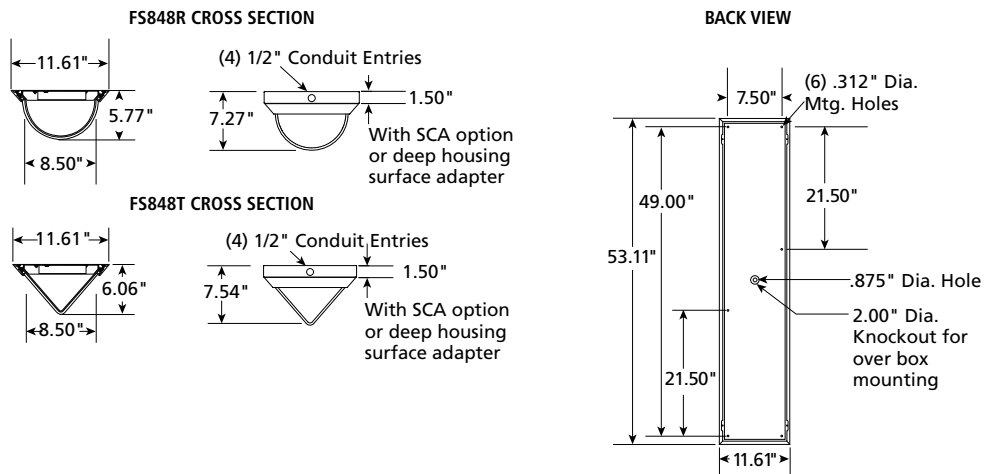
Model: FS848T-2TB-PIA-MB-67L40K-DV



Maximum Candela = 1118 Located At Horizontal Angle = 202.5, Vertical Angle = 5

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

DIMENSIONAL DATA



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