MILLENIUM FREESCALE™

FS548 SERIES

PRODUCT FEATURES:

» Surface mount – wall or ceiling; 8"W×53"L×4"D

» Marine grade aluminum baseplate

» Round or Triangle 100% DR acrylic lens options with multiple lens frame styles

» ADA Compliant

» UL certified IP65 per IEC 60598

FS548R   FS548T

SPECIFICATIONS

BASEPLATE: Die-formed marine grade aluminum; welded corners. Baseplate provided with six-point mounting holes, one wireway hole. 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.

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). Watertight 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: 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); 165µA 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.

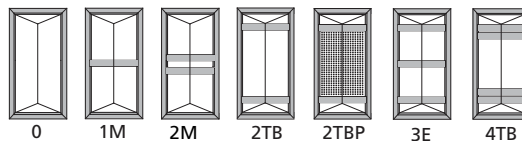**WARRANTY:** Limited five (5) year LED warranty. Peace of Mind Guarantee against breakage.

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

LED | **PEACE OF MIND** Guarantee® | c ETL us | IP65 | ADA

ORDERING INFORMATION (Ex: FS548T-1M-PIA-MB-45L40K-1-120-FS)

Model	Lens Frame	Lens Type	Finish	Lamp Type	Lamp Qty	Voltage	Options	Accessories
					1			

Model
FS548R 5"×48" Round
FS548T 5"×48" Triangle

Lens Frame
0 No Bars
1M One Bar – Middle
2M Two Bars – Middle
2TB Two Bars – Top & Bottom
2TBP Two Horizontal Bars w/Perf
3E Three Bars – Even Spaced
4TB Four Bars – Top & Bottom

Lens Type
PIA Pearlescent High Impact 100% DR Acrylic
MPA Matte Pearlescent High Impact 100% DR Acrylic

Finish
BR Bronze
CS Cool Satin Aluminum
DB Dark Bronze
FG Forest Green
LG Light Gray
MB Matte Black
MW Matte White
WS Warm Satin Aluminum
CC Custom Color (Consult factory)

Lamp Type
45L30K 45 Watt 3000K LED
45L35K 45 Watt 3500K LED
45L40K 45 Watt 4000K LED
45L50K 45 Watt 5000K LED

Lamp Quantity
1 One Lamp

Voltage
120 120 Volts
277 277 Volts
347▲ 347 Volts
DV 120-277 Volts

Options
FS Single Fuse & Holder (n/a w/347V)
PH Phillips Head Fasteners
PC Photo Control with deep housing surface adapter (n/a with 347V or DV)

Accessories
SCA▼ Surface Conduit Adapter (not ADA compliant)
RSA▼ Rough Surface Adapter (not ADA compliant)

• Vertical wall or ceiling mount only
▲ n/a with LED
▼ n/a with option(s) that require deep housing surface adapter

LENS FRAME

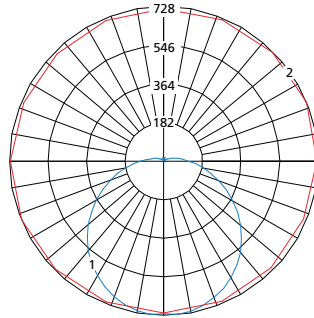| 0	1M	2M	2TB	2TBP	3E	4TB

MILLENIUM FREESCALE™

FS548 SERIES – Technical Data

PERFORMANCE

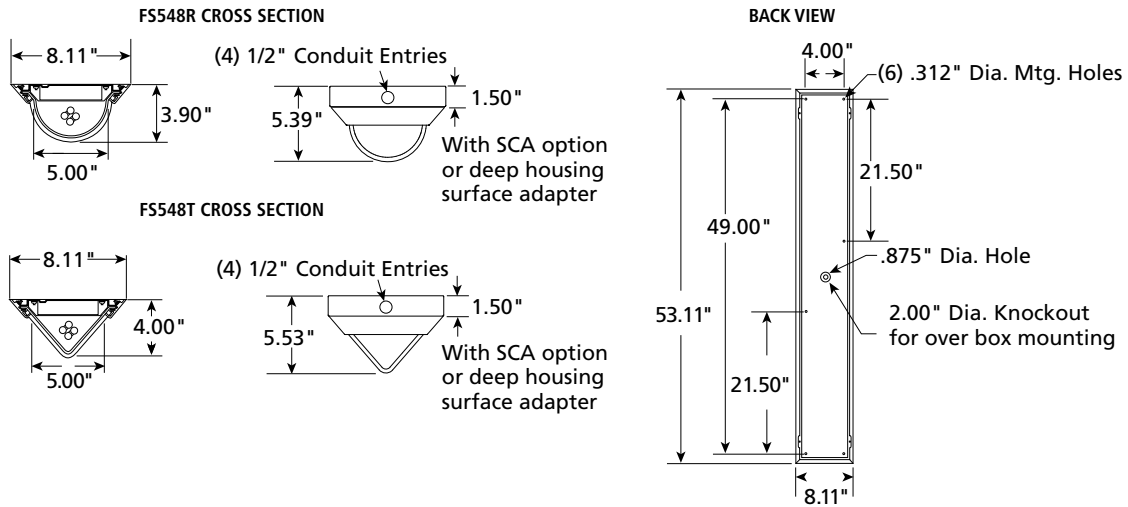| Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
45L30K	2,897	59			
45L35K	2,986	61			
45L40K	3,088	63	49	94	80,000
45L50K	3,212	66			

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

Model: FS548T-2TB-PIA-MW-45L40K-1-120

Maximum Candela = 728 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

FS548R CROSS SECTION

8.11"
3.90"
5.00"

(4) 1/2" Conduit Entries
1.50"
5.39"

With SCA option or deep housing surface adapter

FS548T CROSS SECTION

8.11"
4.00"
5.00"

(4) 1/2" Conduit Entries
1.50"
5.53"

With SCA option or deep housing surface adapter

BACK VIEW

4.00"
(6) .312" Dia. Mtg. Holes
21.50"
49.00"
53.11"
.875" Dia. Hole
21.50"
2.00" Dia. Knockout for over box mounting
8.11"