

# MILLENIUM FINITE™

## FNL6S SERIES – CONTINUOUS ROW

### PRODUCT FEATURES:

- » Surface mount – wall; 6" x 48"
- » Extruded aluminum housing with die-cast end caps
- » Peace of Mind Guarantee® against breakage



**PROJECT INFORMATION**

Job Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

Approved by \_\_\_\_\_



Continuous Row End cap

### SPECIFICATIONS

**HOUSING:** Marine grade aluminum. Extruded body with die-cast end caps. Post assembly TGIC polyester powder coat finished – 5-step pre-treatment. Each linear run of luminaires consists of one Beginning of Run Luminaire (B), Zero, one or multiple Middle Luminaire(s) (M), and one End of Run Luminaire (E). Specify and/or order systems per linear run (i.e. (1)B48, (5)M48, (1)E48).  
**NOTE:** Contact factory for custom lengths.

**REFLECTOR:** Full reflector/wire cover – 92% reflectivity.

**LENS:** UV-stabilized high impact pearlescent polycarbonate. Symmetric optic includes diffuse, impact-resistant acrylic lens. Smooth exterior. Nominal thickness 0.125". Sealed with closed cell gaskets.

**SOCKETS:** Shock-resistant sockets with internal locking collar to ensure positive lamp retention.

**Electrical:** Available 3000K, 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 1-100% range and dim-to-dark capabilities; 165 µA max. source current per 48" section. Optional embedded microwave motion sensor (MS) has factory default settings of 20 minute time out, dims down to 30%. 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:** 16-gauge stainless steel quick mount plate bolts to wall (fasteners by other), fixture attaches to mounting plate with quick mounting hook-and-lock mechanism and locked into place with captive Torx® T-20 with center pin (or optional Phillips head) screws, which are concealed but accessible from bottom.

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

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

**LISTINGS:** Luminaire is certified to UL Standards by Intertek Testing Laboratory for Wet Location. ETL certified IP64 per IEC 60598. IESNA-designated full cut-off.



### ORDERING INFORMATION (Ex: FNL6S-B48-1M48-E48-MB-PP-1-45L40K-DCC-1-DV-FS)

Model	Begin. Hsg	Mid. Hsg	End. Hsg	Finish	Lens	Lamp Type	Driver	Voltage	Options
<b>FNL6S</b>	<b>B48</b>	<b>/M48</b>	<b>E48</b>						<b>DCC</b>

#### Beginning of Run Housing Style

**B48** Nominal 48" housing

#### Middle Fixture(s) Housing Style

(replace "x" with qty)  
**(x)/M48** Nominal 48" housing(s)

#### Ending of Run Housing Style

**E48** Nominal 48" housing

#### Finish

- MW** Matte White
- MB** Matte Black
- DB** Dark Bronze
- CC** Custom Color  
(Consult Factory)

#### Lens

**PP** Pearlescent Polycarbonate  
**SYM** Symmetric, Diffused DR Acrylic

#### Lamp Type (Cross Section)

- 1-45L30K** 45 Watt 3000K LED
- 1-45L35K** 45 Watt 3500K LED
- 1-45L40K** 45 Watt 4000K LED
- 1-45L50K** 45 Watt 5000K LED

#### Driver Type

**DCC** Dimming Constant Current Driver)

#### Voltage

**120** 120 Volts  
**277** 277 Volts

#### Options

- LEL**† LED Emergency Battery Backup
- BPC** Button Photocell
- FS** Single Fuse & Holder
- PH** Phillips Head Fasteners
- MS** Motion Sensor

† LEL option adds 13.78" to length of fixture

‡ Peace of Mind Guarantee not included



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

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# MILLENNIUM FINITE™

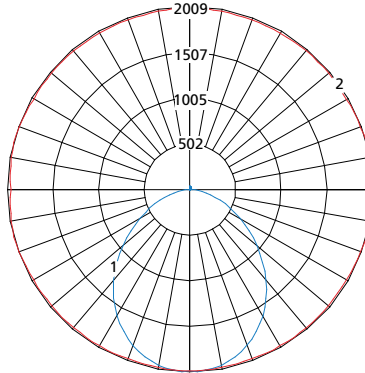
## FNL SERIES – Technical Data

### PERFORMANCE

Length	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C (lm)	Efficacy (lm/W)			
48	45L30K	4,138	84	49	94	80,000
	45L35K	4,266	87			
	45L40K	4,412	90			
	45L50K	4,588	94			

Displayed information above is for PP Lens type only. Info subject to change. Visit [www.kenall.com](http://www.kenall.com) for IES files and additional information.

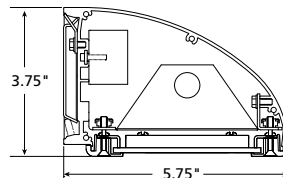
Model: FNL6-48-MW-SYM-45L40K-DCC-DV



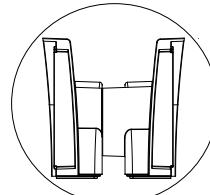
Maximum Candela = 2009 Located At Horizontal Angle = 15, Vertical Angle = 2.5  
 — 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)  
 — 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

### DIMENSIONAL DATA

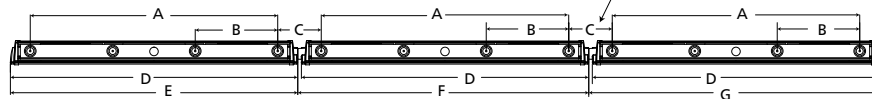
CROSS SECTION/DETAILS



CROSS SECTION/JOINER ENDCAP



MOUNTING HOLES



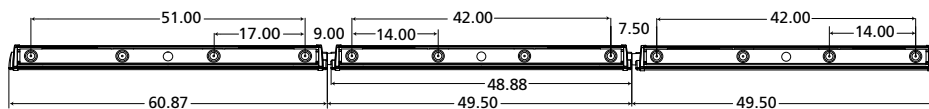
Nominal Four Foot Fixture Legend

A	B	C	D	E	F	G
42.00	14.00	7.50	48.88	48.90	49.50	49.50
40.50	13.50	7.13	47.00	47.03	47.62	47.58

EL Housing T8 - Beginning

Standard T8 - Middle

Standard T8 - End



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