

pr1meFX

120V INDIRECT GENERAL LIGHTING SYSTEM
INTEGRAL POWER



APPLICATION

The pr1meFX linear luminaire is optimized to indirectly deliver the primary level of general illumination to a space, from the perimeter of a room. Patented optic system delivers over 85% of the light out of a wall mounted housing to supply ideal light levels at the working plane. Provides indirect, glare free and shadow free light that is more visually comfortable than downlights or troffers.

Uniquely engineered to maximize the directionality of LED's, pr1meFX positions the fixture on the wall removing the need for aiming brackets with time-consuming installation to get the angles just right.

Designed to easily retrofit into existing linear wall mounted housings & coves or integrate into new construction like Tempo's Aluminum Cove System with pre-fabricated cove profiles and corners - Visit websight for details and specs to provide a complete, indirect lighting package.

CONSTRUCTION

- Die cast aluminum heat sink and raceway.
- Pre-set 20° upward tilt requires no adjustment or aiming.
- Sold in 2 foot to 6 foot sections in 1 foot increments.
- Quick wire connectors join sections.
- PVC mounting rails 6 feet in length.
- 1 inch spacers between modules allow for telescoping length to fit any configuration
- Each module is micro-maintainable with an easy to replace LED board
- CSA damp location listed

OPTICS / LENS

- Molded polycarbonate lens cover
- Patented interior micro-reflector & molded baffle
- Produces asymmetric type beam spread that uses the ceiling reflectance to provide ambient light.

POWER SYSTEM

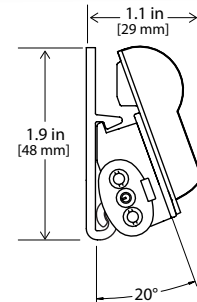
- 5w/ft or 8w/ft
- 120V input, integral, driverless technology.
- Total Harmonic Distortion <20%, Power Factor >0.9
- ELV dimming to 5%

PERFORMANCE

- Up to 712lm/ft light output
- Produces a uniform beam spread specifically designed to deliver the first level of general light to a space.
- Optimized to eliminate hot spots in corners.
- Operating temperature range of -20°C to 50°C

LIGHT CHARACTERISTICS

- White Color Correlated Temperatures: 2700K, 3000K, 3500K, 4000K
- 80+ Color Rendering Index
- Tempo's UniBin™ process ensures consistent hue and color to within a maximum 2-step MacAdam ellipse per section



Pre-set 20° upward tilt

Buy Tempo
Buy American



WARRANTY

Tempo provides a 5-year limited warranty.

86,000 HOURS

L85 LUMEN MAINTENANCE
LED Luminaires will reach 85% of initial lumen output at or beyond 86,000 hours at 25°C.



PERFORMANCE SUMMARY All data nominal. 3500K test data shown.

Watts/ft	120V, 5W/ft	120V, 8W/ft
Lumens/ft	477	712
Lumens/Watt	95	89
Maximum Run Length	190 ft	120 ft

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ORDERING INFORMATION

Example: PFXC-CW-0-120E8-35WH-6

pr1meFX, Ceiling Wash Optics, 120V, ELV dimming, 8W/ft, 3500K, White Finish, 6 foot

pFXC	CW	0	120	E			WH	
Series	Optic/Lens/Diffuser	Module Spacing	Voltage	Dimming	Watts/Foot	Color Temp	Finish	Section Length
pr1meFX Collinear	CW Ceiling Wash	0 N/A	120 120V	E ELV Electronic Low Voltage Dim to 5%	5 5 W/ft 8 8 W/ft	27 2700K 30 3000K 35 3500K 40 4000K	WH White	2 2 ft minimum 3 3 ft 4 4 ft 5 5 ft 6 6 ft maximum

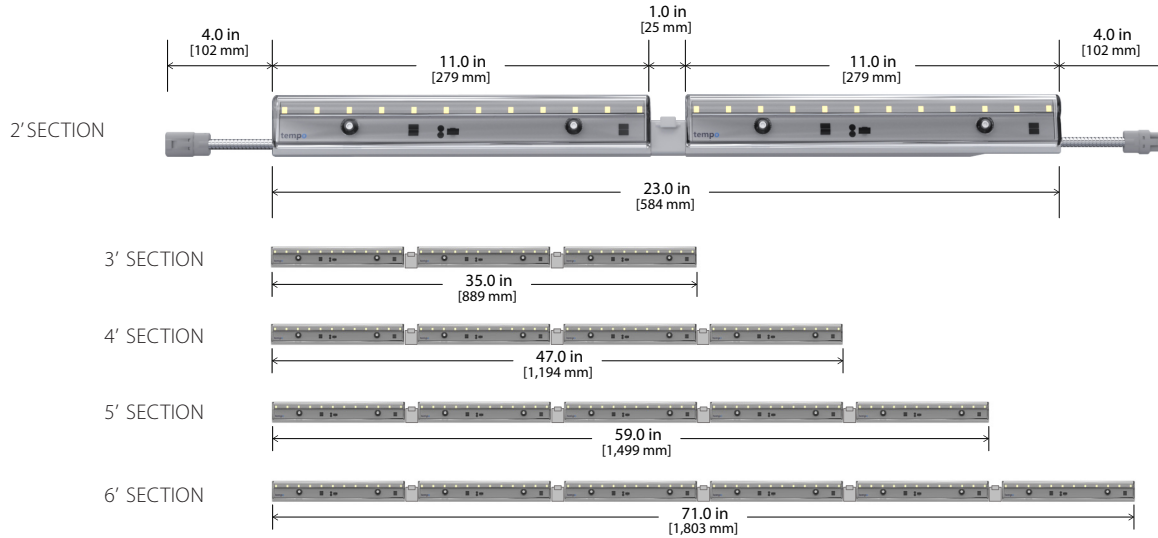
SYSTEM INTEGRATION ACCESSORIES

MOUNTING HARDWARE FOR RETROFIT LINEAR FIXTURE		
	PFX-SM	Surface Mounting Rail for Retrofitting Linear Perimeter Housings and Coves. 6 ft section
POWER FEED CABLES Additional lengths available, contact factory		
	PFPFX-F-36	Female connector, 36 in.
	PFPFX-M-36	Male connector, 36 in.
JUMPER FEED CABLES Additional lengths available, contact factory		
	JFPFX-MF-12	Female/Male connector, 12 in.
	JFPFX-MF-18	Female/Male connector, 18 in.
	JFPFX-MF-24	Female/Male connector, 24 in.
SURGE SUPPRESSION DEVICE A Tempo furnished surge suppression device must be installed on each supplying branch circuit to comply with 5-year warranty		
	SSD-120	120V Branch Circuit

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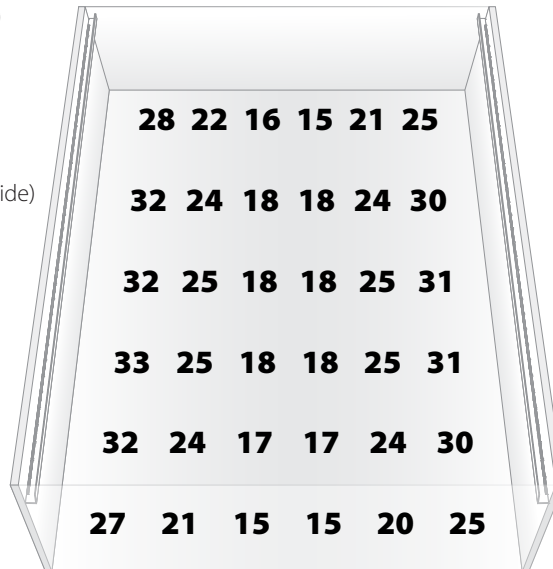
DIMENSIONAL INFORMATION



PERFORMANCE DATA

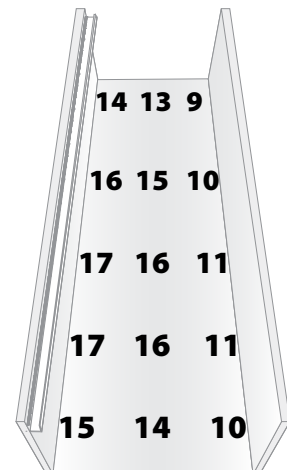
LARGE ROOM - 25' X 35' X 10'(h)
8W pr1meFX on two 35' sides
Foot candles at the working plane (30")

Average Foot Candles: 23.2
Ave/Min Ratio: 1.67
Total Feet of pr1meFX: 66' (33' each side)
Total Wattage: 528W
LPD: 0.58
C/W/F Reflectance: 0.86 / 0.80 / 0.20



Hallway- 22' X 6' X 8'(h)
5W pr1meFX on one side
Foot candles at the floor

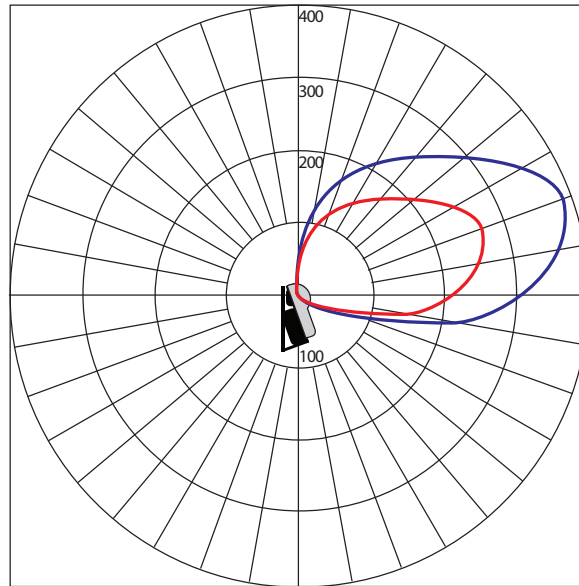
Average Foot Candles: 13.1
Ave/Min Ratio: 1.92
Total Feet of pr1meFX: 20'
Total Wattage: 100W
LPD: 0.38
C/W/F Reflectance: 0.86 / 0.80 / 0.20



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PERFORMANCE DATA



Typical 5 watt Polargraph
Typical 8 watt Polargraph

INSTALLATION DETAILS

