

# Food Processing Profile Wrap: FP-A-LED

Sealed Surface High Efficiency LED Wrap Luminaire

- **ETL Listed for Wet Locations**
- **IP65 Rated**
- **Several mounting options for surface or suspended installation**
- **Suitable for use in NSF Non-Food & Splash Zones.**
- **DLC Listing Available for some configurations**
- **B.A.A. Compliant & Made in the USA by a Family Owned US Corporation**
- **Optionally available for End to End Row Mounting**



Not all product variations listed on this page are DLC qualified. Visit <https://www.designlights.org/gqi> to confirm qualification.

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## ORDERING GUIDE

Series	Optics	Material	Size	Row Qty.	LED Type	CCT/CRI	Voltage	Options
<b>FP</b>					<b>LEDR</b>			
Series	Optics	Material	Size	Light Source			Voltage	Options
				Row Qty.	LED Type	CCT/CRI		
FP	A Frosted Acrylic	1 White CRS Ext. Hsg. & White CRS Int.	20: 2' Housing	1	LEDR	83 CRI:	120V	FC Fuse & Holder (One Supplied Per Circuit)
	LPA Clear Linear Prismatic Poly	3 Polished 304 SS ext. & 304 SS int.	40: 4' Housing	2		830 3000K	277V	EDL -40F Electronic Driver
	FPA Frosted Linear Prismatic Poly	4 White Alum Ext. & White CRS Int.				835 3500K	UNV	EM10** 10W Integral LED EM (Specify Input Voltage)
						840 4000K	347V*	CRM Continuous Row Mounting
						850 5000K		TP Stainless Steel Tamp of Fasteners
						90+ CRI:		SW Wet Location Hub Supplied (not installed)
						935 3500K		WHT White Finished Door & HSG
						940 4000K		PMB (2) Pendant Mount Brackets (Pendants or Chains by Others)
						950 5000K		CMB (2) Corner Mount Brackets
								AMB (2) Adjustable Mount Brackets
							PxL* Programmed to User Specified Lumen Value.	
							PxW* Programmed to User Specified Wattage Value.	
							10KV 10KV Parallel Surge Protection (One Supplied Per Circuit)	
							GTD*** Generator Transfer Device	
							WHIP Must Specify Length and Wire Qty	
							OCCMW Integral microwave occ sensor (32' max)	
							OCCB External PIR occ sensor (end mount 20'-40')	
							OCCLB External PIR occ sensor (end mount 8'-10')	
							AMW Anti-Microbial White Powdercoat	

\*\*Note: EM10 remote mount for 2' housing  
 \*Note: specify value in ordering notes below  
 \*\*\*Note: GTD n/a for 2' housing

Ordering Notes, If Applicable

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## SPECIFICATIONS

**HOUSING:** Double channel housing of 20Ga 1008 Cold Rolled Steel, 20Ga 304 Stainless Steel, or .040" 3003 Aluminum construction.

**END CAPS:** Precision stamped 20Ga 304 Stainless Steel end caps secured to housing with captive stainless steel flush head screws. SW Option provides a 3 piece conduit hub/ring/plug assembly installed in the endcap.

**GASKETS:** Closed cell NSF listed nitrile gasketing. Resists aging, grease and solvents.

**OPTICS:** All lensing is extruded from a nominal 1/8" plastic material. Available in frosted acrylic, Clear Polycarbonate with linear ribs, or Clear Polycarbonate with a frosted inlay.

**LEDS:** Commercially available in a wide variety of Color Temperature (CCT), FLUX, and CRI. Highly efficient and consistent color maintained to 3 SDMC for color critical applications. B50/L70 and compliant with Zhaga recognized hole patterns. Consult factory for LED options or configurations not listed below.

**DRIVERS:** Standard Universal Voltage Class 2 drivers are 0-10v Dimmable to 1% for most LED configurations. They come with at least 2.5Kv surge protection, have less than 10% THD at max load, Ballast Factor Greater than .95 and are programmable to match specific lumen or wattage requirements. Drivers with higher input voltage ratings are available, consult factory for driver specifications.

**REFLECTOR:** Die formed metal with high reflectance white polyester powder coat finish. Typical reflectivity 92%.

**INSTALL:** Suitable for wet location installation under covered ceilings only. Luminaire is provided with four 5/16" debossed holes for mounting. Power is brought in through 1/2" flattened conduit K.O. located on the bottom of luminare. Power can also be brought through the end of the luminare with SW option selected. Suitable for thru wiring.

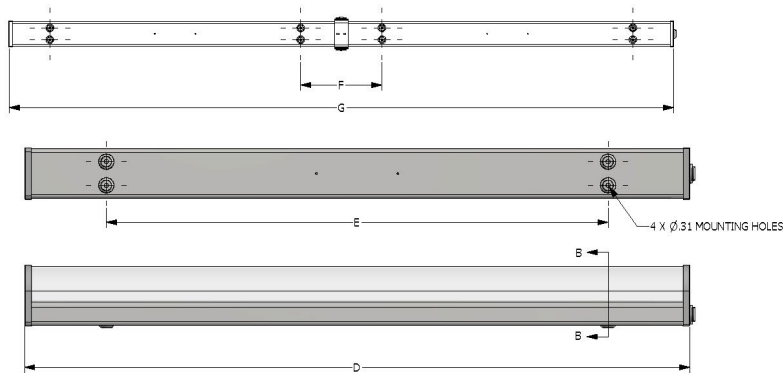
**ROWS:** Joiner bands provided for continuous row mounting (See Option: CRM). Please specify number of fixtures in each run.

**FINISH:** Stainless steel housings are satin polished unless WHT or AMW options are selected. All other materials are provided with gloss high reflectance white polyester powder coat with 1000hr salt spray test per ASTM B117. AMW option provides a white anti-microbial polyester powder coat to all exposed surfaces.

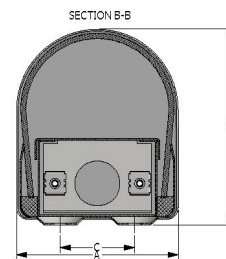
**LISTINGS:** IP65 rated for dust and water ingress. ETL listed per UL\_1598 for wet locations. Drivers and LEDs are covered by a 5 year warranty, the remaining fixture is covered by a 10 year warranty. Suitable for use in NSF non-food zones & Splash Zones. This product is Buy American Act (B.A.A.) compliant.

## PRODUCT DRAWINGS

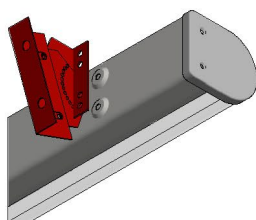
### CRM INSTALLATION



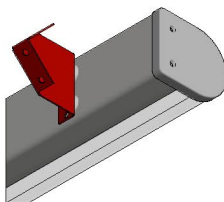
A PROFILE REFERENCE DIMENSIONS							
SIZE	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
20	3.8"	4.6"	1.75"	25.07"	13.0"	12.0"	50.07"
40	3.8"	4.6"	1.75"	49.2"	37.0"	12.0"	98.2"



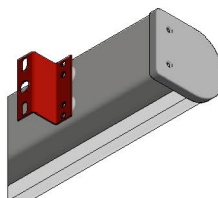
### AMB OPTION



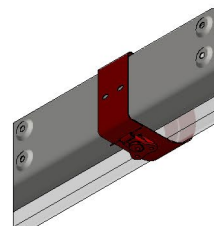
### CMB OPTION



### PMB OPTION



### CRM JOINER BAND



05-AA-L-A PROFILE WRAP DWG DATE: 6/04/18

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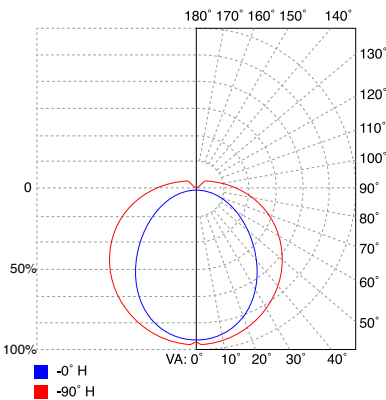
## ENERGY DATA

A* PROFILE LED WRAP (APPROX <sup>1</sup> LUMENS DELIVERED)											
LENS TYPE	ENCLOSURE SIZE	LED SELECTION	STANDARD DIMMING	83 CRI (3000K - 5000K)				90 CRI (3500K - 4000K)			
				LUMENS	WATTS <sup>2</sup>	EFFICACY <sup>3</sup>	MAX AMB TEMP <sup>4</sup>	LUMENS	WATTS <sup>2</sup>	EFFICACY <sup>3</sup>	MAX AMB TEMP <sup>4</sup>
A	20	1LEDR	0-10V 1%	1,830	15	122	40°C (104°F)	1,768	15	118	40°C (104°F)
FPA	20	1LEDR	0-10V 1%	1,480	15	99	40°C (104°F)	1,430	15	95	40°C (104°F)
LPA	20	1LEDR	0-10V 1%	1,850	15	123	40°C (104°F)	1,787	15	119	40°C (104°F)
A	20	2LEDR	0-10V 1%	<b>3,668</b>	<b>29</b>	126	40°C (104°F)	3,543	29	122	40°C (104°F)
FPA	20	2LEDR	0-10V 1%	2970	29	102	40°C (104°F)	2869	29	99	40°C (104°F)
LPA	20	2LEDR	0-10V 1%	<b>3717</b>	<b>29</b>	128	40°C (104°F)	3591	29	124	40°C (104°F)
A	40	1LEDR	0-10V 1%	<b>3790</b>	<b>29</b>	<b>130</b>	<b>45°C (113°F)</b>	3483	29	120	45°C (113°F)
FPA	40	1LEDR	0-10V 1%	3524	29	122	45°C (113°F)	3239	29	112	45°C (113°F)
LPA	40	1LEDR	0-10V 1%	3862	29	133	45°C (113°F)	3550	29	122	45°C (113°F)
A	40	2LEDR	0-10V 1%	<b>7553</b>	<b>57</b>	<b>133</b>	<b>45°C (113°F)</b>	<b>6925</b>	<b>57</b>	<b>121</b>	<b>45°C (113°F)</b>
FPA	40	2LEDR	0-10V 1%	<b>7027</b>	<b>57</b>	<b>123</b>	<b>45°C (113°F)</b>	6450	57	113	45°C (113°F)
LPA	40	2LEDR	0-10V 1%	<b>7697</b>	<b>57</b>	<b>135</b>	<b>45°C (113°F)</b>	7070	57	124	45°C (113°F)

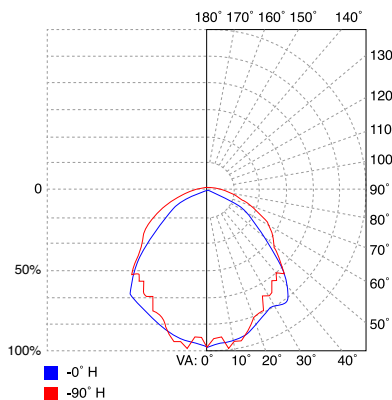
<sup>1</sup> DELIVERED LUMEN DATA IS EXTRAPOLATED FROM MEASURED DATA @25C WITH NO EXTRA OPTIONS. VARIANCES WILL OCCUR WHEN OTHER SELECTIONS ARE MADE  
<sup>2</sup> WATTAGE IS MEASURED WITH 4000K SELECTION @ 120vAC AND Tambient = 25C. WATTAGES MAY VARY WITH ALTERNATE CONFIGURATIONS  
<sup>3</sup> EFFICACY CALCULATED USING 4000K CCT DATA.  
<sup>4</sup> MAX AMBIENT TEMP RATING. TEMP RATING MAY VARY WITH ALTERNATE SPECIFIED DRIVERS OR ANY NON STANDARD SELECTION  
<sup>5</sup> DELIVERED LUMENS FOR EM10 = (10W)(EFFICACY) = DELIVERED LUMENS. EM10 ADDS 4W TO TOTAL LUMINAIRE

## PHOTOMETRICS

### A Optics



### LPA Optics



### FPA Optics

