

# Food Processing D Profile Wrap

Sealed 4' Linear High Efficiency LED Surface D-Profile Wrap

- DLC listed
- IP55 rated
- Several mounting options available
- NSF2 listed for splash and non-food zones
- ETL listed for wet locations



To See All DLC Listings, Visit [www.Kurtzon.com/DLC](http://www.Kurtzon.com/DLC)

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## ORDERING GUIDE

Series      Installation Type      Material      Size      Source      CCT      Voltage      Options

FP

Series	Lens Type	Material	Size	Source	CCT	Voltage	Options	
FP	D: Smooth Frosted Acrylic	1: White CRS Ext. & White CRS Int.	40: 4' Housing	2/LEDR	80 CRI:	120V	<b>FC:</b> Fuse & Holder (One Supplied Per Circuit) <b>2/ED:</b> Two Drivers, (Two Circuits) <b>EDL:</b> -40F Electronic Driver <b>EM10:</b> 10W Integral LED Battery Pack (Specify Input Voltage) <b>CRM:</b> Continuous Row Mounting <b>TP:</b> Stainless Steel Tamperproof Fasteners <b>SW:</b> Conduit Hub, Ring & Plug (installed on endcaps) <b>WHT:</b> White Finished Stainless Steel <b>PMB:</b> (2) Pendant Mount Brackets (Pendants or Chains by Others) <b>CMB:</b> (2) Corner Mount Brackets <b>AMB:</b> (2) Adjustable Mount Brackets <b>PxL:</b> Programmed to User Specified Lumen Value <b>PxW:</b> Programmed to User Specified Wattage Value <b>10KV:</b> 10KV Parallel Surge Protection (One Supplied Per Circuit) <b>GTD:</b> Generator Transfer Device <b>WHIP:</b> Must Specify Length and Wire Qty <b>OCC:</b> Occupancy Sensor (Must Specify Type)	
		3: Polished 304 SS Ext. & 304 SS Int.		3/LEDR	830 = 3000K CCT	277V		
	LPD: Clear Linear Prismatic Poly	4: White Alum Ext. & White CRS Int.		4/LEDR	835 = 3500K CCT	UNV		347V*
				840 = 4000K CCT				
	FPD: Frosted Linear Prismatic Poly				850 = 5000K CCT			
					90 CRI:			
					935 = 3500K CCT			
					940 = 4000K CCT			

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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 Sealed conduit hub installed on endcap.

**GASKETS:** NSF Listed closed cell microcellular extruded KleanLock SealPro gasket with vulcanized corners making a one-piece oil and solvent resistant gasket system.

**LENS:** Extruded .125" thick frosted acrylic or linear prismatic polycarbonate available in clear or with frost inlay for obscuring LED image.

**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 SURFACE:** Suitable for wet locations under covered ceilings only. Four .312" debossed holes for surface mounting. One .875" (1/2" trade-size) flattened and knockout located on back of housing for wiring. See below for other mounting and supply entry options.

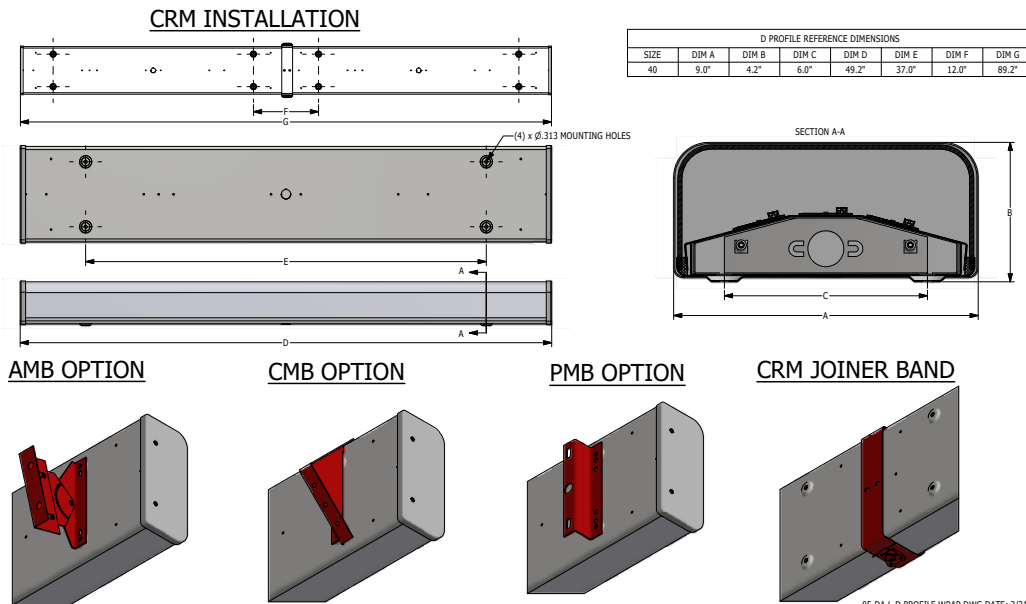
**ROWS:** Joiner bands provided for continuous row mounting (See Option: CRM). Please specify number of fixtures in each run.

**FINISH:** White powder coat finish (1,000 hour salt spray test) or 4-B (satin polish) stainless steel finish. See Options for white powder coated stainless.

**LISTINGS:** NSF2 Listed for Non-Food Zones. IP55 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.

**LISTINGS:** NSF2 Listed for Splash and Non-Food Zones. IP55 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.

## PRODUCT DRAWINGS



05-DA-L-D PROFILE WRAP DWG DATE: 3/31/2017

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## ENERGY DATA

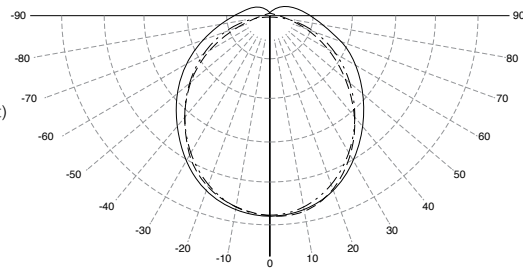
"D" PROFILE LED WRAP (APPROX <sup>1</sup> LUMENS DELIVERED)											
LENS TYPE	ENCLOSURE SIZE	LED SELECTION	STANDARD DIMMING	83 CRI (3000K - 5000K)				90 CRI (3500K - 4000K)			
				LUMENS	WATTS <sup>2</sup>	EFFICACY <sup>3</sup>	MAX AMB TEMP <sup>4</sup>	LUMENS	WATTS <sup>2</sup>	EFFICACY <sup>3</sup>	MAX AMB TEMP <sup>4</sup>
D	40	2LEDR	0-10V 1%	<b>8,040</b>	<b>56</b>	144	40°C (104°F)	6,670	56	119	40°C (104°F)
FPD	40	2LEDR	0-10V 1%	6,360	56	114	40°C (104°F)	5,280	56	94	40°C (104°F)
LPD	40	2LEDR	0-10V 1%	7,960	56	142	40°C (104°F)	6,600	56	118	40°C (104°F)
D	40	3LEDR	0-10V 1%	<b>11,952</b>	<b>85</b>	141	40°C (104°F)	9,920	85	117	40°C (104°F)
FPD	40	3LEDR	0-10V 1%	9,470	85	111	40°C (104°F)	7,860	85	92	40°C (104°F)
LPD	40	3LEDR	0-10V 1%	11,830	85	139	40°C (104°F)	9,820	85	116	40°C (104°F)
D	40	4LEDR	0-10V 1%	<b>14,423</b>	<b>112</b>	129	40°C (104°F)	11,970	112	107	40°C (104°F)
FPD	40	4LEDR	0-10V 1%	13,050	112	117	40°C (104°F)	10,830	112	97	40°C (104°F)
LPD	40	4LEDR	0-10V 1%	<b>14,314</b>	<b>112</b>	128	40°C (104°F)	11,880	112	106	40°C (104°F)

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

## PHOTOMETRICS

### FP-D-X-40-4/LEDR840-UNV

Report No: 103047098CRT-005  
 Total Lumens: 14,423  
 Wattage: 111.1  
 Efficacy: 129.9 (Lumens Per Watt)  
 Fixture Size: 4'  
 Key:  
 - - - - - 0  
 ······ 45  
 \_\_\_\_\_ 90



### FP-LPD-X-40-4/LEDR840-UNV

Report No: 103047098CRT-006  
 Total Lumens: 14,314  
 Wattage: 110.6  
 Efficacy: 129.4 (Lumens Per Watt)  
 Fixture Size: 4'  
 Key:  
 - - - - - 0  
 ······ 45  
 \_\_\_\_\_ 90

