KURTZON
SPECIFICATION GRADE LIGHTING
ILLUMINATING YOUR WORLD

PROJECT

DATE   TYPE

NOTES

REV: 5/31/2018

Food Processing **B Profile Wrap**
Sealed Surface High Efficiency LED Wrap Luminaire

- **ETL Listed for Wet Locations**
- **IP65 Rating**
- **Several Mounting options**
- **NSF Listed**
- **DLC Listed**

DLC QPL™ LISTED | DLC QPL™ LISTED PREMIUM | K 5/10 YEAR WARRANTY | NSF | c ETL us Intertek | IP65 IEC 60529

**To See All DLC Listings,
Visit www.Kurtzon.com/DLC**

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ORDERING GUIDE

Series	Lens Type	Material	Size	Source	CCT	Voltage	Options
FP							

Series	Lens Type		Material		Size	Source	CCT	Voltage	Options
FP	**B:** Frosted Acrylic	**1:** White CRS Ext. & White CRS Int.		**20:** 2' Housing	**2/LEDR**	**83 CRI:**	**120V**	**FC:** Fuse & Holder (One Supplied Per Circuit)
	LPB: Clear Linear Prismatic Poly		**3:** Polished 304 SS Ext. & 304 SS Int.		**40:** 4' Housing	**3/LEDR**	**830** = 3000K CCT	**277V**	**EDL:** -40F Electronic Driver
	FPB: Frosted Linear Prismatic Poly		**4:** White Alum Ext. & White CRS Int.				**835** = 3500K CCT	**UNV**	**EM10:** 10W Integral LED Battery Pack (Specify Input Voltage)
							840 = 4000K CCT	**347V***	**CRM:** Continuous Row Mounting
							850 = 5000K CCT		**TP:** Stainless Steel Tamperproof Fasteners
									SW: Conduit Hub, Ring & Plug (installed on endcaps)
							90+ CRI:		**WHT:** White Finished Stainless Steel
							935 = 3500K CCT		**PMB:** (2) Pendant Mount Brackets (Pendants or Chains by Others)
							940 = 4000K CCT		**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 (Specify Input Voltage)
									WHIP: Must Specify Length and Wire Qty
									OCC: Occupancy Sensor (Must Specify Type)

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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: Closed cell 100% NSF listed nitrile gasketing. Resists aging, grease and solvents.

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.
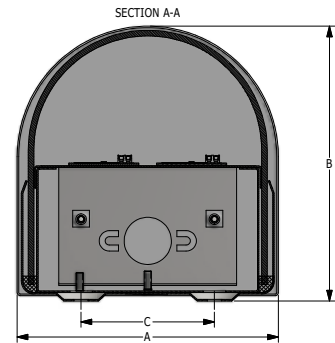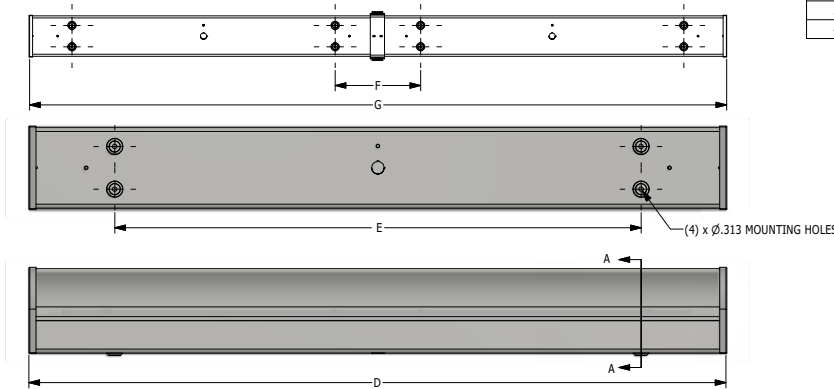
FINISH: Stainless Steel Housings are Satin Polished unless option "WHT" is selected. All other housings are finished with gloss white high reflectance 1000hr saltspray polyester powdercoating.

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. NSF2 listed for splash zones.

PRODUCT DRAWINGS

CRM INSTALLATION

B PROFILE REFERENCE DIMENSIONS							
SIZE	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
20	5.9"	6.2	3.0"	25.07"	13.0"	12.0"	50.07"
40	5.9"	6.2"	3.0"	49.2"	37.0"	12.0"	89.2"

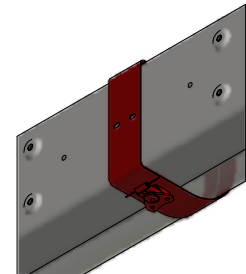SECTION A-A

(4) x Ø.313 MOUNTING HOLES

AMB OPTION   CMB OPTION   PMB OPTION   CRM JOINER BAND
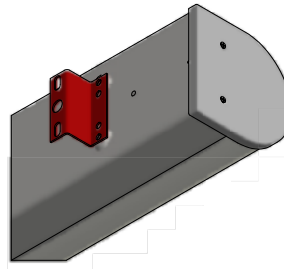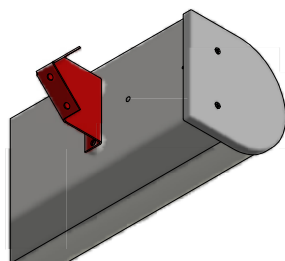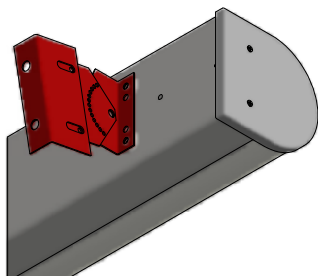
05-BA-L-B PROFILE WRAP DWG DATE: 6/04/18

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ENERGY DATA

				"B" PROFILE LED WRAP (APPROX[1] LUMENS DELIVERED)							
LENS TYPE	ENCLOSURE SIZE	LED SELECTION	STANDARD DIMMING	83 CRI (3000K - 5000K)				90 CRI (3500K - 4000K)			
				LUMENS	WATTS[2]	EFFICACY[3]	MAX AMB TEMP[4]	LUMENS	WATTS[2]	EFFICACY[3]	MAX AMB TEMP[4]
B	20	2LEDR	0-10V 1%	**3,539**	**29**	122	40°C (104°F)	2,930	29	101	40°C (104°F)
FPB	20	2LEDR	0-10V 1%	2,960	29	102	40°C (104°F)	2,450	29	84	40°C (104°F)
LPB	20	2LEDR	0-10V 1%	**3,578**	**29**	123	40°C (104°F)	3,080	29	106	40°C (104°F)
B	20	3LEDR	0-10V 1%	5,300	44	120	40°C (104°F)	4,390	44	100	40°C (104°F)
FPB	20	3LEDR	0-10V 1%	4,400	44	100	40°C (104°F)	3,650	44	83	40°C (104°F)
LPB	20	3LEDR	0-10V 1%	5,400	44	123	40°C (104°F)	4,560	44	104	40°C (104°F)
B	40	2LEDR	0-10V 1%	**7282**	**56**	130	40°C (104°F)	6,040	56	108	40°C (104°F)
FPB	40	2LEDR	0-10V 1%	6,060	56	108	40°C (104°F)	5,030	56	90	40°C (104°F)
LPB	40	2LEDR	0-10V 1%	7,400	56	132	40°C (104°F)	6,200	56	111	40°C (104°F)
B	40	3LEDR	0-10V 1%	10,900	85	128	40°C (104°F)	9,040	85	106	40°C (104°F)
FPB	40	3LEDR	0-10V 1%	9,090	85	107	40°C (104°F)	7,540	85	89	40°C (104°F)
LPB	40	3LEDR	0-10V 1%	11100	85	131	40°C (104°F)	9,260	85	109	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-LPB-1-20-2/LEDR835-UNV

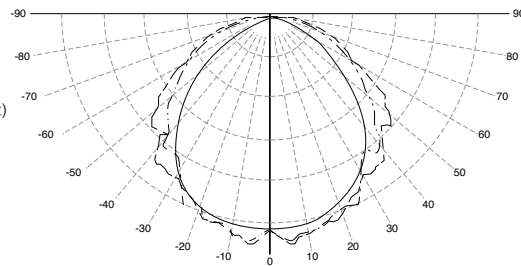Report No: 103047098CRT-001

Total Lumens: 3,578

Wattage: 29.02

Efficacy: 123.3 (Lumens Per Watt)

Fixture Size: 2'

Key:
- - - - 0
-··-··- 45
——— 90

FP-B-1-20-2/LEDR835-UNV

Report No: 103047098CRT-002

Total Lumens: 3,539.7

Wattage: 29.00

Efficacy: 122.1 (Lumens Per Watt)

Fixture Size: 2'

Key:
- - - - 0
-··-··- 45
——— 90