

Vandal Location Vaportight: WL-SEG-720-LED-V

Vandal Location 7" x 2' Linear Vaportight LED Luminaire for Surface or Pendant Mounting

- **IP65 / IP66 / IP67**
- **1500 PSI hosedown**
- **UL 1598 Wet Location**
- **Marine grade 316 stainless steel latches & Mounting brackets**
- **Nema4X**
- **UL 5VA Rated (will not melt or burn)**
- **Polycarbonate Lens: Clear / Frosted**
- **10 Year warranty**
- **B.A.A. & B.A.B.A Compliant & Made in the USA by a Family Owned US Corporation**



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ORDERING GUIDE

Series	Lumen Package	CCT/CRI	Optics	Voltage	Controls	Mounting	Sensors (Not Required)	Options
WL-SEG-720						TPL		
Series	Lumen Package	CCT/CRI	Optics	Voltage	Controls	Mounting	Sensors	Options
WL-SEG-720	1L0 1 Row of Low Flux LED's	83 CRI:	CP Clear Polycarbonate	UNV (120-277 Vac)	DIM1 0-10V 1%	CMH Chain Mtg Hooks	OCC MW Microwave Occ Sensor (Internal 32" MAX)	PxW * Program to Specified Wattage (Replace X with Watts)
	2L0 2 Rows of Low Flux LED's	830 3000K	FP Frost Polycarbonate	HV (347-480 Vac)	DIM5 0-10V 5%	MB45 45° Mtg Bracket	OCC HB Highbay Occ Sensor (End Mount 20'-40')	PxL * Program to Specified Lumens (Replace X with Lumens)
	2HI 2 Rows of High Flux LED's	835 3500K	CPD Diffused Clear Poly		DALI DALI 1%	SCM Single Conduit Stem	OCC LB Lowbay Occ Sensor (End Mount 8'-10')	10KV 10KV Surge Protection (one per specified circuit)
		840 4000K	FPD Diffused Frost Poly		LUTRON (Specify Type)	TPL** Tamperproof Latches	DL/OCC HB Daylight & Highbay Occ Sensor (End Mount 40' MAX)	3WP 3 Wire Cord W/Plug must provide specs.
		850 5000K			D20FF 0-10V 1% Dim To Off		DL/OCC LB Daylight & Lowbay Occ Sensor (End Mount 8' MAX)	WHIP Flex whip installed must provide specs
					OTHER (Must Specify)		OTHERS Must Specify	FF Fuse & Fuse Holder (One per Specified Circuit)
		90+ CRI:						
		935 3500K						
		940 4000K						
		950 5000K						
						Note**: Must Select		

Ordering Notes, If Applicable

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SPECIFICATIONS

HOUSING: Injection molded, .125" thick Hole Free White Fiberglass body with a 5VA Flame Rating

LENS: Injection molded Heavy gauge smooth or ribbed polycarbonate material available Clear or frosted. Secured by Captive Stainless Steel cables.

REFLECTOR: Standard (92%) High Reflectance white 22 gauge metal. Formed wiring cover for rigidity. Removable without tools or screws.

GASKETS: One piece urethane extruded foam with smooth surface.

LATCHES: Six (6) 316 Stainless Steel over-center latches secure lens to housing. Latches are secured closed with #6 Tamperproof screws. Provided separate.

MOUNTING: Provided with (2) mounting brackets for suspending (cables by others). See mounting options for other configurations.

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.

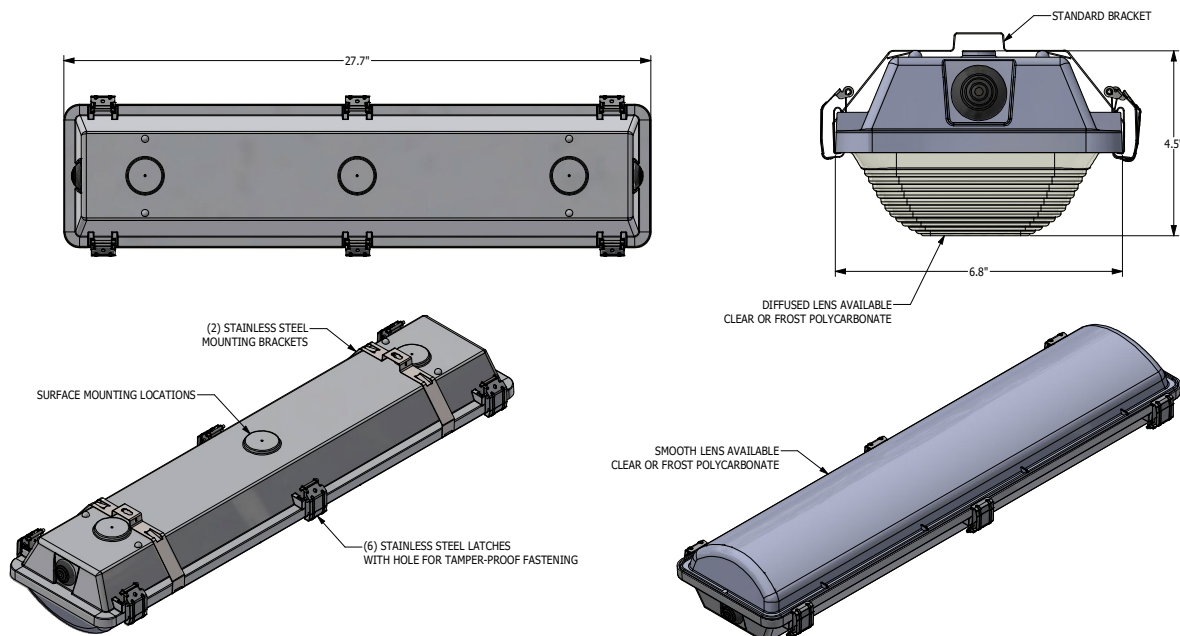
DRIVERS: Standard Universal Voltage Class 2 drivers are 0-10v Dimmable to 1%. They come with at least 2.5Kv surge protection, have less than 10% THD at max load, Ballast Factor Greater than .95 and are programmable to match specific lumen or wattage requirements. Drivers with higher input voltage ratings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

INSTALLATION: Two sealed 1/2 inch trade size conduit entry points located at each end. See options for pre-wired whips or cords.

LISTINGS: IP67 rated for dust and water ingress. Suitable for 1500 PSI high pressure hosedowns. UL listed per UL_1598 for wet locations. Nema 4x rated. Drivers and LEDs are covered by a 5 year warranty, the remaining fixture is covered by a 10 year warranty. This product Series is both Build America Buy America (B.A.B.A.) & Buy American Act (B.A.A.) compliant.

PRODUCT DRAWINGS

SEG 720 REFERENCE DIMENSIONS



11-CA-L-SEG 720 DWG DATE: 4/05/2025

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ENERGY DATA

STD SEG 720 (APROX ¹ DELIVERED LUMENS)											
ENCLOSURE SIZE	LED PACKAGE	DIMMING SELECTION	CRI	CLEAR LENS			FROST LENS			AMBIENT TEMP	
				LUMENS ¹	WATTS ²	EFFICACY ³ (Lm/W)	LUMENS ¹	WATTS ²	EFFICACY ³ (Lm/W)	MINIMUM	MAXIMUM ⁴
720	1 LO	0-10V 1%	83	1,940	15	129	1,740	15	116	-20°C (-4°F)	35°C (95°F)
720	1 LO	0-10V 5%	83	1,940	15	129	1,740	15	116	-20°C (-4°F)	40°C (104°F)
720	1 LO	0-10V 1%	90+	1,870	15	125	1,680	15	112	-20°C (-4°F)	35°C (95°F)
720	1 LO	0-10V 5%	90+	1,870	15	125	1,680	15	112	-20°C (-4°F)	40°C (104°F)
720	2 LO	0-10V 1%	83	3,885	29	134	3,485	29	120	-20°C (-4°F)	35°C (95°F)
720	2 LO	0-10V 5%	83	3,885	29	142	3,485	29	127	-20°C (-4°F)	40°C (104°F)
720	2 LO	0-10V 1%	90+	3,745	29	129	3,365	29	116	-20°C (-4°F)	35°C (95°F)
720	2 LO	0-10V 5%	90+	3,745	29	136	3,365	29	123	-20°C (-4°F)	40°C (104°F)
720	2 HI	0-10V 1%	83	10,850	77	141	9,730	77	126	-20°C (-4°F)	30°C (86°F)
720	2 HI	0-10V 5%	83	10,850	77	141	9,730	77	126	-40°C (-40°F)	40°C (104°F)
720	2 HI	0-10V 1%	90+	8,620	78	111	7,725	78	99	-20°C (-4°F)	30°C (86°F)
720	2 HI	0-10V 5%	90+	8,620	78	111	7,725	78	99	-40°C (-40°F)	35°C (95°F)
720	EM10 ⁵	NA	NA	1000-1300	4	NA	870-1130	4	NA	0°C (32°F)	35°C (95°F)

¹ DELIVERED LUMEN DATA IS EXTRAPOLATED FROM MEASURED DATA @25C WITH NO EXTRA OPTIONS. VARIANCES WILL OCCUR WHEN OPTIONS ARE CHOSEN

² WATTAGE IS MEASURED WITH 4000K SELECTION @ 120VAC AND Tambient = 25C. WATTAGES MAY VARY WITH ALTERNATE CONFIGURATIONS

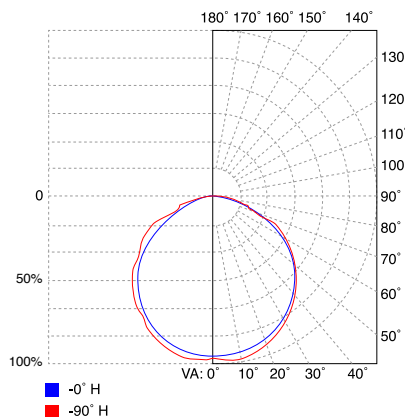
³ EFFICACY CALCULATED USING 4000K CCT DATA.

⁴ TEMP RATING MAY VARY WITH SPECIFIED DRIVERS OR ANY NON STANDARD SELECTION

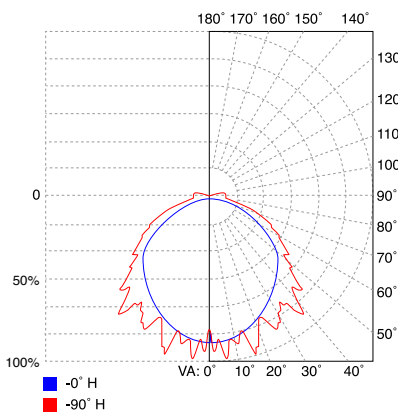
⁵ 90 MINUTE 10W EMERGENCY DRIVER; LUMENS CALCULATED BASED ON FIXTURE EFFICACY (EX: 10W x 100Lm/W = 1000Lm Delivered)

PHOTOMETRICS

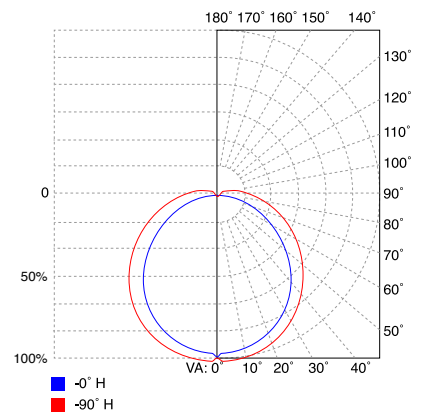
CP Optics



CPD Optics



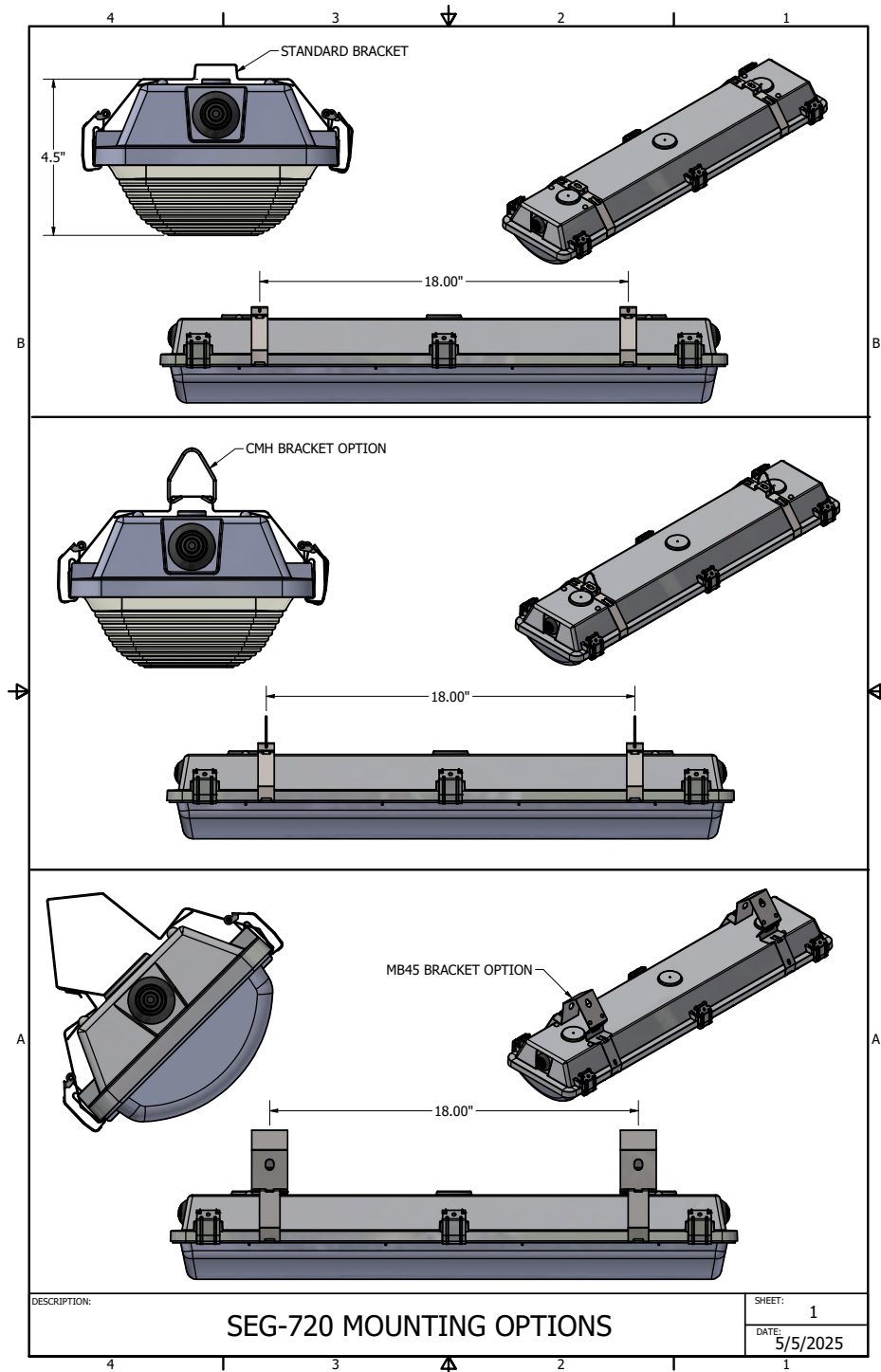
FP Optics



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MOUNTING OPTIONS



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MOUNTING OPTIONS

