

# ENVIROPRO™ LOW BAY

## EPLB SERIES

### PROJECT INFORMATION

Job Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

Approved by \_\_\_\_\_

#### PRODUCT FEATURES:

- » Classic industrial high-bay luminaire design aesthetic with modern lamp technology
- » Suitable for applications requiring higher vertical illuminance levels
- » Available with up to 28% uplight, depending on model
- » Multiple flux and lamp color options



#### SPECIFICATIONS

**HOUSING:** Marine-grade die-cast aluminum construction on 16" and 22" models with convective fins for efficient thermal transfer from junction to ambient. Spun aluminum outer housing on 12" model with internal aluminum heatsink. Sealed center hub for pendant or hook & loop mounting.

**REFLECTOR/LENS ASSEMBLY:** **REFLECTOR (ACA, ACP, AO):** .063" corrosion-resistant spun aluminum reflector, sealed to housing with continuous closed-cell gasket. Standard gloss white high-reflectance TGIC polyester powder coat on spun reflector with 5-stage pre-treatment. Reflectance 90%. Salt spray test: 1,000 hours. For additional reflector finishes, see Ordering Options below. **RMH Option:** Finish matches housing finish only—inside will remain gloss white. **REFRACTOR (CA, CP):** Clear prismatic UV-stabilized acrylic or polycarbonate reduces contrast and improves uniformity utilizing its inherent upright component, sealed to housing with continuous closed-cell gasket. **REFRACTOR (PPA):** Pearlescent Prismatic UV-stabilized acrylic providing specifically tailored uplight and downlight levels, sealed to housing with continuous closed-cell gasket. **ENCLOSED (E):** Available with either a spun aluminum reflector or acrylic/polycarbonate refractor, and a clear prismatic acrylic or polycarbonate drop (bottom) lens.

**ELECTRICAL:** High-brightness LED array. See ordering information for color temperature and CRI options. 70 CRI minimum. 120-277VAC, or 347VAC, 50/60Hz electrical input. Replaceable high power factor electronic, constant-current driver (<10% THD, >0.90PF). Minimum 85% driver efficiency. 0-10V dimming protocol with 3-100% range and dim-to-dark capabilities, 500µA maximum source current (16"/22"); 1-100% range, 250µA source current (12").

**TEKLINK™ TL100:** Centralized, wired zonal occupancy and closed-loop daylight harvesting control system. TL100 controllers are standalone devices and ordered separately for luminaire. [Click here for specifications.](#)

**INSTALLATION:** Tool-free lamp access. **LOOP HANGER:** Top hub with loop style hanger and 6' black power cord. IP65 sealed connector. Hook by others. Center of gravity along center axis of luminaire. **PENDANT:** Sealed threaded hub supplied for ½" diameter rigid pendant (12" size) and ¾" diameter rigid pendant (16"/22" size). Pendant components by others. Ambient temperature rating is -40°C to 40°C (55°C on 47L/94L).

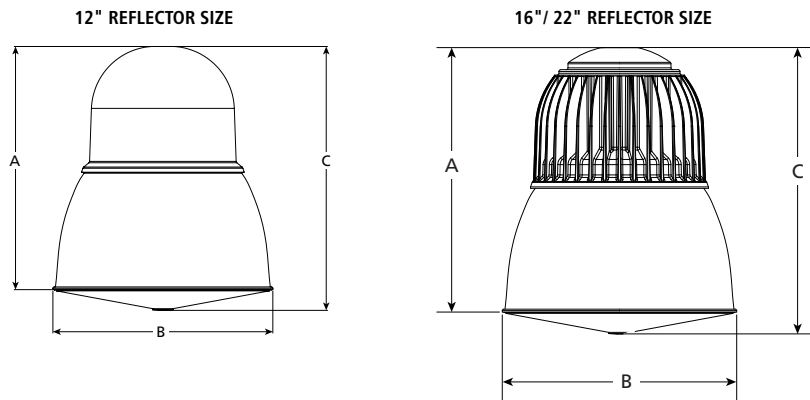
**PHOTOMETRICS:** Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric data, please go to [www.kenall.com](http://www.kenall.com).

**WARRANTY:** Limited five (5) year LED warranty.

**LISTINGS:** Listed to UL Standards by Intertek Testing Laboratory for Wet Location (Enclosed) and Dry Location (Open). Enclosed version rated IP65 per IEC 60598. Enclosed version certified to NSF2 Splash/Non-Food Zone. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC listed. Please check the DLC Qualified Products List [here](#) for listed configuration details.



#### DIMENSIONAL DATA



DIMENSIONAL DATA (IN INCHES)			
	A	B	C
12"	12.98	12.46	14.71
16"	17.93	16.22	19.46
22"	21.96	22.46	23.96



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# ENVIROPRO™ LOW BAY

ORDERING INFORMATION (Ex: EPLB-22-E-CA-ALG-192L-40K7-DCC-120)

## PROJECT INFORMATION

Job Name \_\_\_\_\_  
 Fixture Type \_\_\_\_\_  
 Catalog Number \_\_\_\_\_  
 Approved by \_\_\_\_\_

Model	Size	Enclosure Type	Mount Type	Lens/Refl/Refr	Finish	Lamp Power	Lamp Color	Driver Type	Voltage	Options	
<b>EPLB</b>								<b>DCC</b>			
<b>Reflector Size</b>				<b>Housing Finish</b>				<b>Driver Type</b>			
<b>12</b>	12"	Nominal Diameter		<b>ALG</b>	Antimicrobial Low Gloss White			<b>DCC</b>	Dimming Constant-Current LED Driver (0-10V)		
<b>16</b>	16"	Nominal Diameter		<b>BR</b>	Bronze						
<b>22</b>	22"	Nominal Diameter		<b>CS</b>	Cool Satin Painted Aluminum						
<b>Enclosure Type</b>				<b>Lamp Power</b>				<b>Voltage</b>			
<b>E</b>	Enclosed	(IP65/Wet Location)		<b>DB</b>	Dark Bronze			<b>DV</b>	120-277 Volts		
<b>O</b>	Open	(Dry Location)		<b>FG</b>	Forest Green			<b>347</b>	347 Volts		
<b>Mounting Type</b>				<b>Lens/Reflector/Reflector Type</b>				<b>Options</b>			
<b>HL</b>	Loop Hanger	with 6' Black Cord		<b>ACA</b> †	Spun Aluminum Reflector w/Clear Acrylic Drop Lens			<b>LELC</b> ‡§	Ceiling Mounted LED Emergency Battery Backup		
		and IP65-Rated Quick-Disconnect Plug			(Enclosure Type E only)				( <a href="#">to view dimensional drawing click here</a> )		
<b>PM</b>	Pendant Mount	(by others)		<b>ACP</b> †	Spun Aluminum Reflector w/Clear PC Drop Lens			<b>LELP</b> ‡§	Pendant Mounted LED Emergency Battery Backup		
					(Enclosure Type E only)				( <a href="#">to view dimensional drawing click here</a> )		
<b>Lens/Reflector/Reflector Type</b>				<b>Lamp Color</b>				<b>FS</b>			
<b>AO</b> †	Open Spun Aluminum Reflector			<b>12"</b>				<b>NAT</b>	Natorium Environment (n/a with Loop Hanger (HL) on the EPLB12)		
		(Enclosure Type O only)		<b>17L</b>	17 Watt LED			<b>PM24</b> ‡•	Pendant Mount, Single Pendant		
<b>CA</b>	Clear Prismatic Acrylic Refractor			<b>16"</b>					( <a href="#">to view image details click here</a> )		
		(Enclosure Type O only)		<b>47L</b>	47 Watt LED			<b>SCH</b>	Safety Chain & Hanger (n/a with PM Mount)		
<b>PPA</b>	Pearlescent Prismatic Acrylic Refractor			<b>94L</b>	94 Watt LED			<b>WG</b> *	Wire Guard		
		(Enclosure Type O only)		<b>144L</b>	144 Watt LED			<b>RMH</b> †	Reflector Matches Housing		
<b>CP</b>	Clear Prismatic Polycarbonate Refractor			<b>192L</b>	192 Watt LED			<b>TL100</b>	TekLink TL100 Control System		
		(Enclosure Type O only)		<b>22"</b>					( <a href="#">Click here for specifications</a> )		
<b>NOTE:</b> When the PPA Lens/Refractor is selected in conjunction with the E Enclosure type, the front/bottom lens comes in clear prismatic acrylic.				<b>Lamp Power</b>				<b>‡ Damp Location</b> when ordered with Enclosure Type 'E' Cannot be combined with 'NAT' Option Available only with 'PM' Mounting Type			
				<b>94L</b>	94 Watt LED			• 24" standard length. Consult factory for custom lengths.			
				<b>144L</b>	144 Watt LED			† Standard reflector is gloss white inside & outside. With RMH Option, spun reflector finish will match Housing Finish selection outside only			
				<b>192L</b>	192 Watt LED			§ Available only with 'PM' Mounting Type			
								* n/a with EPLB12			



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# ENVIROPRO™ LOW BAY

## EPLB SERIES – TECHNICAL DATA

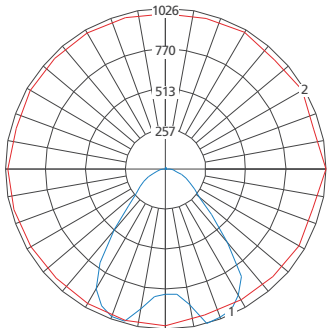
For additional photometry, go to [www.kenall.com](http://www.kenall.com)

### PERFORMANCE

Reflector Size	Lamp Code	Flux @ 25C, By Optic Type (lm)		Efficacy (lm/W)	Input Power (W)	Estd. L <sub>70</sub> LED Life (Hrs)	Reflector Size	Lamp Code	Flux @ 25C, By Optic Type (lm)		Efficacy (lm/W)	Input Power (W)	Estd. L <sub>70</sub> LED Life (Hrs)
		E-CA	E-ACA						E-CA	E-ACA			
12	17L-50K7	2,247		102	22	125,000	22	94L-50K7	12,366	9,697	92 - 118	106	150,000
	17L-40K7	2,241		102	22	125,000		94L-40K7	12,335	9,673	91 - 117	106	150,000
	17L-40K8	2,099		95	22	125,000		94L-40K8	11,555	9,061	86 - 110	106	150,000
	17L-35K8	2,009		91	22	125,000		94L-35K8	11,058	8,671	82 - 105	106	150,000
	17L-35K9	1,375		63	22	125,000		94L-35K9	7,571	5,937	56 - 72	106	150,000
	17L-30K8	2,009		91	22	125,000		94L-30K8	11,058	8,671	82 - 105	106	150,000
	17L-30K9	1,375		63	22	125,000		94L-30K9	7,571	5,937	56 - 72	106	150,000
16	94L-50K7	10,485	9,151	88 - 107	100	125,000		144L-50K7	18,370	14,405	89 - 114	162	125,000
	94L-40K7	10,459	9,128	88 - 107	100	125,000		144L-40K7	18,324	14,369	89 - 114	162	125,000
	94L-40K8	9,798	8,551	82 - 100	100	125,000		144L-40K8	17,166	13,461	83 - 107	162	125,000
	94L-35K8	9,376	8,183	79 - 96	100	125,000		144L-35K8	16,427	12,882	80 - 102	162	125,000
	94L-35K9	6,419	5,603	54 - 65	100	125,000		144L-35K9	11,247	8,820	54 - 70	162	125,000
	94L-30K8	9,376	8,183	79 - 96	100	125,000		144L-30K8	16,427	12,882	80 - 102	162	125,000
	94L-30K9	6,419	5,603	54 - 65	100	125,000		144L-30K9	11,247	8,820	54 - 70	162	125,000
	144L-50K7	15,654	13,662	84 - 102	162	125,000	192L-50K7	24,005	18,824	90 - 116	209	105,000	
	144L-40K7	15,615	13,628	84 - 102	162	125,000	192L-40K7	23,945	18,777	90 - 115	209	105,000	
	144L-40K8	14,628	12,766	79 - 95	162	125,000	192L-40K8	22,431	17,590	84 - 108	209	105,000	
	144L-35K8	13,998	12,217	75 - 91	162	125,000	192L-35K8	21,466	16,833	81 - 103	209	105,000	
	144L-35K9	9,584	8,365	52 - 63	162	125,000	192L-35K9	14,697	11,525	55 - 71	209	105,000	
	144L-30K8	13,998	12,217	75 - 91	162	125,000	192L-30K8	21,466	16,833	81 - 103	209	105,000	
	144L-30K9	9,584	8,365	52 - 63	162	125,000	192L-30K9	14,697	11,525	55 - 71	209	105,000	
	192L-50K7	20,411	16,569	79 - 103	210	105,000							
	192L-40K7	20,360	16,527	79 - 103	210	105,000							
	192L-40K8	19,073	15,482	74 - 96	210	105,000							
	192L-35K8	18,252	14,816	71 - 92	210	105,000							
	192L-35K9	12,497	10,144	48 - 63	210	105,000							
	192L-30K8	18,252	14,816	71 - 92	210	105,000							
192L-30K9	12,497	10,144	48 - 63	210	105,000								

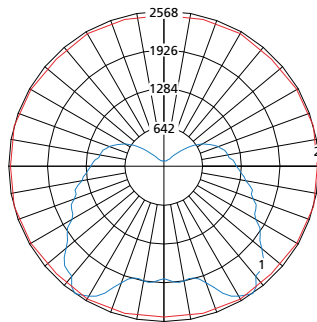
Displayed information is for selected luminaires only. Information is subject to change without notice. Visit [www.kenall.com](http://www.kenall.com) for IES files and additional information.

Model: EPLB-12-E-CA-MW-17L-40K7-DCC-DV



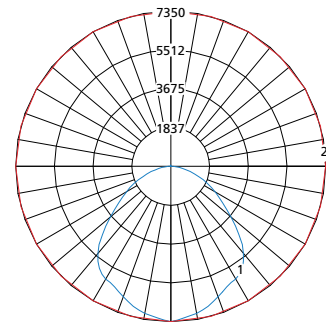
Max Candela = 1027 Located At Horiz. Angle = 0, Vertical Angle = 15  
 1 - Vertical Plane Through Horiz. Angles (0-180) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vert. Angle (15) (Through Max. Cd.)

Model: EPLB-16-E-CA-GW-144L-40K7-DCC-DV



Max Candela = 2568 Located At Horiz. Angle = 15, Vertical Angle = 35  
 1 - Vertical Plane Through Horiz. Angles (15-195) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vert. Angle (35) (Through Max. Cd.)

Model: EPLB-22-E-ACA-GW-192L-40K7-DCC-DV



Max Candela = 6915 Located At Horiz. Angle = 0, Vertical Angle = 0  
 1 - Vertical Plane Through Horiz. Angles (0-180) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vert. Angle (0) (Through Max. Cd.)



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