

# HERCULUX™

## H612 SERIES – LOW PROFILE HOUSING

### PRODUCT FEATURES:

- » Surface wall mount – nominal 6"W×12"L×4"D
- » Heavy duty cold rolled steel or aluminum baseplate
- » One-piece, UV-stabilized polycarbonate lens
- » Eyelid or full face styles available
- » Peace of Mind Guarantee® against breakage



### PROJECT INFORMATION

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

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

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

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

### SPECIFICATIONS

**BASEPLATE:** **H612FL:** 16-gauge CRS. White TGIC polyester powder coat – 5-step pre-treatment. Salt spray test: 1,000 hours. Reflectance: 92%. Baseplate provided with four-point mounting holes and one wireway hole. See Ordering Options for marine grade aluminum baseplate (AL). **H612EL:** 14-gauge aluminum. Baseplate flange interlocks around lens producing maximum moisture deflection and resistance to prying. Baseplate provided with four-point mounting holes and one wireway hole. Standard dark bronze TGIC polyester powder coat – 5-step pre-treatment. See Ordering Information for optional finishes.

**LENS:** One-piece wraparound lens (UV-stabilized, high impact, virgin injection molded polycarbonate). Smooth exterior, prismatic interior. Nominal thickness: 0.125".

**EYELID:** High-impact resistant, UV-stabilized injection molded opaque dark bronze polycarbonate. See Ordering Information for optional finishes to match baseplate.

**GASKET:** Die-cut closed cell neoprene gasket seals lens/baseplate to mounting surface. **H612EL:** Lens inset into baseplate and sealed with one "O" ring closed cell silicone gasket.

**HARDWARE:** Four stainless steel Torx® T-20 with center pin fasteners secure lens to baseplate. **H612EL:** Shoulder fastener design and washer prevent lens/eyelid stress due to over torquing.

**ELECTRICAL:** Available in 3500K, 4000K, and 5000K color temperatures, 80 CRI. 120-277VAC or 347VAC, 50/60Hz electrical input with high power factor electronic, constant-current driver (>.90 PF). Standard 0-10V dimming with 1-100% range; maximum driver source of 200 µA.

**SENSOR & CONTROLS:** Optional sensor available with compatible third party controls. To see the full list of compatible controls, [click here](#).

**INSTALLATION:** Standard four-point mounting required for Peace of Mind Guarantee®.

**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. [Peace of Mind Guarantee against breakage](#).

**LISTINGS:** Luminaire is certified to UL Standards by Intertek Testing Laboratory for Wet Location. ADA compliant. Luminaire tested to an IK10 impact protection rating per IEC 60068-2-75:1997-08.



### ORDERING INFORMATION (Ex: H612EL-PP-DB-16L40K-DV)

Model	Lens Type	Finish	Lamp Type	Voltage	Options	Accessory
<b>PP</b>						
<b>Model</b>			<b>Lamp Type</b>		<b>Options</b>	
<b>H612EL</b>	Eyelid		<b>8L35K</b> 8 Watt 3500K LED		<b>AL</b> Marine Grade Aluminum Baseplate (H612FL only)	
<b>H612FL</b>	Full Face		<b>8L40K</b> 8 Watt 4000K LED		<b>FS</b> Single Fuse & Holder	
			<b>8L50K</b> 8 Watt 5000K LED			
<b>Lens Type</b>			<b>16L35K</b> 16 Watt 3500K LED		<b>Accessory</b>	
<b>PP</b>	Pearlescent Polycarbonate		<b>16L40K</b> 16 Watt 4000K LED		<b>SA-__</b> Surface Adapter (specify finish)	
			<b>16L50K</b> 16 Watt 5000K LED		<b>SAA-__</b> Marine Grade Aluminum Surface Adapter (specify finish)	
<b>Finish (H612EL only)</b>			<b>Voltage</b>			
<b>DB</b>	Dark Bronze		<b>347</b>	347 Volts		
<b>MB</b>	Matte Black		<b>DV</b>	120-277 Volts		
<b>MW</b>	Matte White					
<b>LG</b>	Light Gray					
<b>SL</b>	Silver					
<b>FG</b>	Forest Green					
<b>CC</b>	Custom Color (Consult factory)					



www.kenall.com | P: 800-4-Kenall | F: 262-891-9700 | 10200 55th Street Kenosha, Wisconsin 53144, USA  
 This product is able to comply with the latest domestic preference legislation, such as the Buy American Act (BAA), Trade Agreement Act (TAA), Build America, Buy America Act (BABA), and others. It may be covered by patents found at [www.kenall.com/patents](http://www.kenall.com/patents). Content of specification sheets is subject to change; please consult [www.kenall.com](http://www.kenall.com) for current product details. ©2024 Kenall Mfg. Co.

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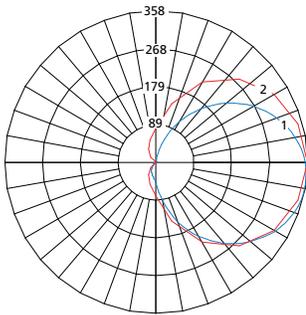
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### PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
H612EL	8L35K	1042	79	13	75	85,000
	8L40K	1042	79	13	75	85,000
	8L50K	1136	86	13	75	85,000
	16L35K	2011	84	24	150	65,000
	16L40K	2011	84	24	150	65,000
	16L50K	2192	91	24	150	65,000
H612FL	8L35K	880	80	11	75	85,000
	8L40K	880	80	11	75	85,000
	8L50K	952	87	11	75	85,000
	16L35K	1748	88	20	150	65,000
	16L40K	1748	88	20	150	65,000
	16L50K	1905	96	20	150	65,000

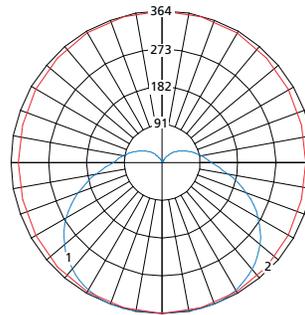
Information subject to change. Visit [www.kenall.com](http://www.kenall.com) for IES files and additional information.

Model: H612EL-PP-MW-16L40K-DV



Max Candela = 358 Located At Horizontal Angle = 90, Vertical Angle = 82.5  
 1 - Vertical Plane Through Horizontal Angles (90-270) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vertical Angle (82.5) (Through Max. Cd.)

Model: H612FL-PP-MW-16L40K-DV



Max Candela = 364 Located At Horizontal Angle = 90, Vertical Angle = 17.5  
 1 - Vertical Plane Through Horizontal Angles (90-270) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vertical Angle (17.5) (Through Max. Cd.)



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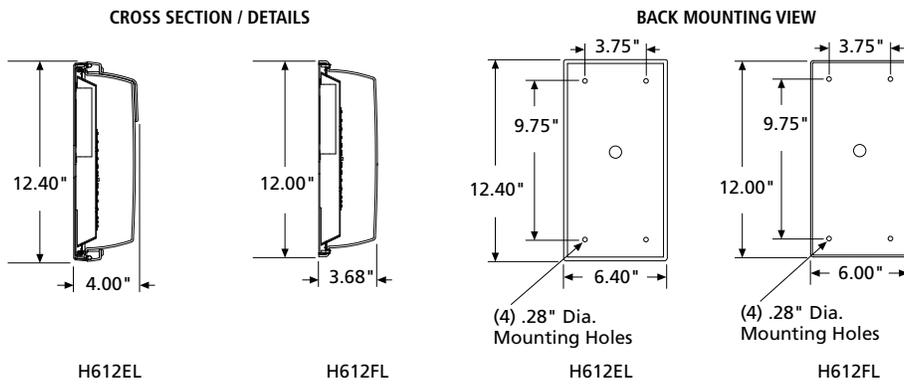
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### DIMENSIONAL DATA



### SURFACE ADAPTER

