



## **DESIGN STANDARDS FOR: INTERIOR LIGHTING**

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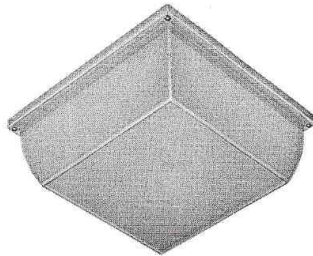
Lighting standard:

1. Herculux model #H1212L series 3800 ceiling mount compact fluorescent 13 watt twin manufactured by Kenall.
2. Note: An approved equal will not be accepted. Sole source justification is based on bulk parts on hand; ease on maintenance time, availability, and vandal resistance.

# Herculux™

## Institutional High Abuse Lighting

H1212L Series (3800)  
 Ceiling Mount/Surface – Compact Fluorescent – Incandescent  
 52 Watt Maximum (Compact Fluorescent)  
 44 Watt Maximum (Circline Fluorescent)  
 150 Watt Maximum (Incandescent)



Width	Width	Depth
12"	12"	4.5"

### Specifications

**Lens/Housing:** One-piece wraparound lens/housing (U.V. stabilized, high impact, virgin injection molded polycarbonate). Clear Prismatic refractor. Nominal thickness .125".

**Baseplate:** 1/6-gauge CRS. Baseplate provided with four-point mounting holes, one wireway hole - see Cross Section/Details. White urethane powder coat finished - 5-step pre-treatment; laboratory salt spray test: 1,000 hours. See Options or Accessories for marine grade aluminum baseplate (AL) and CRS surface conduit adapter (SA).

**Electrical:** Magnetic ballasts normal power factor standard. See Options for power factor corrected ballasts. Electronic ballasts high power factor.

**Gasket:** Die-cut closed cell neoprene gasket seals lens/housing to mounting surface.

**Hardware:** Four stainless steel POSIGRIP™ fasteners secure lens/housing to baseplate.

**Listings/Certifications:** UL and CUL listed for Wet Locations.

**Installation:** Standard four-point mounting required for Peace of Mind Lifetime Guarantee™.

### Ordering Information

Series	Lens Type	Finish	Lamp Type	Lamp Qty*	Voltage*	Options	Accessories		
<b>H1212L</b>	<b>C</b>	<b>NA</b>							
Lens Type C Clear Prismatic		Lamp Type (Qty/Ballast/Voltage/Starting Temp) 13 13 Watt Twin (1.2/MB/120,277/32°F) 13Q 13 Watt Quad (1.2/EB/120,277/0°F) 22 22 Watt Circline (2/MB/120/50°F) 22C 22 Watt Circline (2/CW/120/25°F) 26Q 26 Watt Quad (1.2/EB/120,277/0°F) 75I 75 Watt Incandescent (2/A-19)			Lamp Qty* 1 One Lamp 2 Two Lamps		Options AL Marine Grade Aluminum Baseplate EL One-Lamp Indoor Battery Pack (32°F) (compact fluorescent only, includes SA) FS Single Fuse & Holder PFC Power Factor Corrected Ballast (compact fluorescent magnetic ballasts only-120 Volt only (277 Volt Standard))		
		Voltage* 120 120 Volts 277 277 Volts			Accessories SA Surface Adapter (3800A) 9500 POSIGRIP™ Screwdriver				

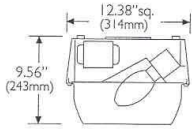
\* See Lamp Type for availability.



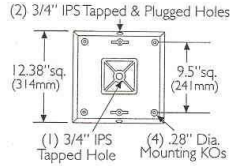
1020 Lakeside Drive Gurnee, Illinois 60031 847-360-8200 FAX 847-360-1781 www.kenall.com

**Herculux™**

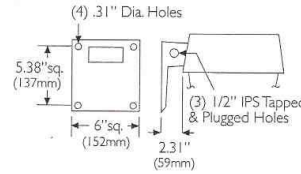
**Cross Section/Details**



**Back Mounting View**



**Horizontal Arm Bracket (HRZ)**

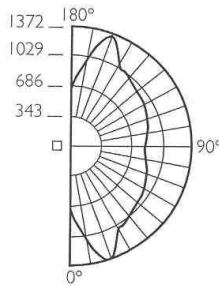


HI212D Series (5700)

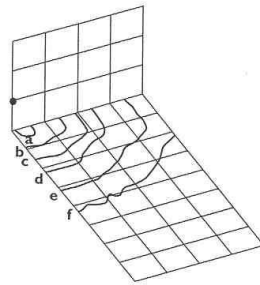
**Photometric Information**

**Candlepower Distribution**

**Wall**



**Isofootcandle Curves**

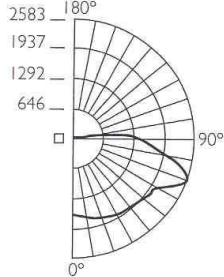


**Wall Mount Mounting Height (in feet)**

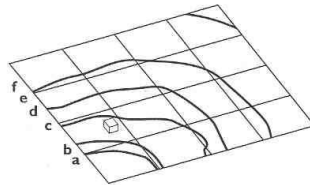
	Horizontal Plane Isofootcandle Line			
	7	8	9	10
a	6.53	5.00	3.95	3.20
b	2.61	2.00	1.58	1.28
c	1.31	1.00	0.79	0.64
d	0.65	0.50	0.40	0.32
e	0.26	0.20	0.16	0.13
f	0.13	0.10	0.08	0.06

Report Number: ITL 39162P  
 Lamp: 100 Watt MH, 8500 Lumens  
 Lens: Clear Prismatic Polycarbonate  
 Grid lines in units of mounting height

**Ceiling**



**Isofootcandle Curves**



**Ceiling Mount Mounting Height (in feet)**

	Horizontal Plane Isofootcandle Line			
	7	8	9	10
a	9.14	7.00	5.53	4.48
b	6.53	5.00	3.95	3.20
c	2.61	2.00	1.58	1.28
d	1.31	1.00	0.79	0.64
e	0.65	0.50	0.40	0.32
f	0.26	0.20	0.16	0.13

Report Number: ITL 39162  
 Lamp: 150 Watt HPS, 16000 Lumens  
 Lens: Clear Prismatic Polycarbonate  
 Grid lines in units of mounting height

**Peace of Mind Guarantee**

Kenall high abuse luminaires are designed and built to take exceptional physical punishment. When installed according to our instructions, Kenall will repair or replace any fixture rendered inoperable due to physical abuse for the product life of the original installation.

**PEACE OF MIND**  
 Lifetime Guarantee™

**Quick Specification**

- Housing:** Die-cast aluminum housing.
- Lens:** One-piece lens (U.V. stabilized, high impact, virgin injection molded polycarbonate).
- Reflector:** High efficiency textured aluminum reflector.
- Hardware:** Four stainless steel POSIGRIP™ fasteners secure lens to housing.
- Socket:** Shock absorbing lamp socket.
- Listings:** UL and CUL listed for wet locations.

**Project Information**

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

Job Location \_\_\_\_\_

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

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

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

Date \_\_\_\_\_



END OF SECTION