



## Specifications

### Construction

**Housing:** Extruded aluminum body 2.4" wide x 2.31" high, 6063T5, 0.070" min thickness. In continuous runs, each housing is 12' max unless previously coordinated with the factory, up to 24' in a single piece. All fixtures are built per approved factory drawings and tested as a complete system at the factory.

**Joiner System:** Automatic alignment via two bolts for hairline seam, no loose parts. No light leaks.

**Lamping:** Due to the set length of LED boards, runs built to Specific Length (Length Option **S**) may not be fully populated with LEDs. Runs built to Nominal Length (Option **N**) may be adjusted at the factory to provide consistent LED illumination.

**Mounting:** Recessed into a Linear Levels ceiling system by Hunter Douglas. Mounting brackets slide along the housingside to interface with the Hunter Douglas Universal Carrier butted against the housing or passing within 6" of the fixture end.

### Electrical

**Static Driver\*:** Osram OT50 Optotronic programmable driver, wired for static operation, is default (**DVR**).

**0-10V Dimming\*:** Osram OT50 Optotronic programmable driver, wired for 0-10v control and dimming to 10% is default (**ZTVL**).

**Lutron Dimming:** Lutron Hi-Lume A series L3D driver (**HLAE** for Ecosystem control or **HLA3** for 3-wire control).

**DALI Dimming:** Dimming by generic DALI ballast (**DALI**).

**DMX Control:** DMX control interface via three loose DMX 512 control wires(**DALI**).

**Emitter\*:** Osram Sylvania or Gammalux proprietary constant current. High efficacy, 80 + CRI.

**Battery Pack (in runs 4' or longer)\*:** Integral Bodine, Iota or Fulham. 3.7W max input. 10W min output.

**LED System:** Rated for 50k hours at 70% lumen output (L70) at max 25 degrees C. 5 year limited warranty.

**Upgrade Capability:** LED assemblies can be replaced in the future with the latest factory-provided and fully warranted components.

Max driver cross section 1.0" x 1.2". Fixtures bear UL & cUL Dry Location label. Damp Location label available (**DL**).

\*Subject to availability. May be substituted by Gammalux. Components and specifications may be changed without notice.

ESTIMATED LUMENS PER FOOT DELIVERED BY COMBINATION OF LED COLOR AND LENS OPTION											
STANDARD OUTPUT (7.5 WPF)						HIGH OUTPUT (10.5 WPF)					
OPTIONS	2700 K	3000 K	3500 K*	4000 K	5000 K	OPTIONS	2700 K	3000 K	3500 K*	4000 K	5000 K
ASL	361.4	384.9	392.8	408.5	416.4	ASL	569.2	513.2	523.7	544.6	555.1
ASLMD	336.1	357.9	365.3	379.9	387.2	ASLMD	448	477.3	487.0	506.5	516.2

Consult factory for options on custom output or wattage consumption. \*IES files were created using 3500K boards. Values were then adjusted by a factor of .92 for 2700K, .98 for 3000K, 1.04 for 4000K and 1.06 for 5000K boards.

### Optical Performance

**Acrylic Satin Lens:** Snap-in. Shall be 15% DR acrylic (**ASL**).

**Acrylic Satin Lens, Medium Diffuse:** Snap-in. Shall be 15% DR acrylic (**ASLMD**).

See lens images on pages 3 and 4.

### Finish

Housing assembly is electrostatically sprayed with high solids aliphatic two component polyurethane to an average thickness of 2 mils. over acid etching primer. High quality paint finish, matched to Hunter Douglas panels. Consult with factory for other finishes.

### Packing and Shipping

Fixtures built for continuous rows are given a specific location identifier, clearly identified on factory layout drawings provided to installing contractor. Location identifier is printed on the fixture's ID Label, protective wrapping and on each end of fixture carton. Shipping pallets are built with 2" clearance, extending beyond the length and width of cartons, providing shipping protection.

Approx. weight of 4' module is 12 lbs. including carton. Weight of pallet and supplemental packing materials not factored in.



**Photometric Reports for  
STANDARD OUTPUT FIXTURES**

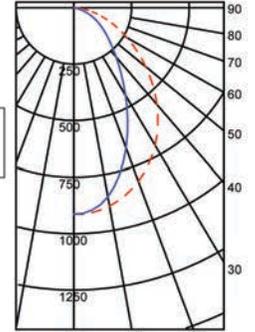
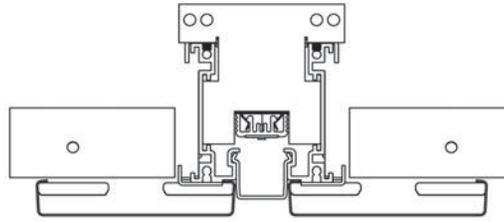
**FIXTURE USES LENS ASL (STANDARD DIFFUSE) AND 3500 K BOARDS.\***

IESNA: LM 79-2008  
ISSUE DATE: 3/6/2015  
TEST: 33801 mod to SO  
TESTLAB: UL Verification Services Inc.  
MANUFAC: GAMMALUX LIGHTING SYSTEMS  
LUMCAT: GHL22RC-1SOLED35-ASL  
LAMPS: PLPG2-BAR-1100-835-289X38-DC

EFFICACY (Total): 49.1 LPW\*\*  
DISTRIBUTION % UP: 0%  
DISTRIBUTION % DOWN: 100%  
CIE CLASSIFICATION: DIRECT



Acrylic Satin Lens,  
(ASL)



Quadrilaterally Symmetric  
Dashed: 0 Degrees Solid: 90 Degrees

LUMINOUS OPENING: RECTANGULAR  
Width: 0.08 (Feet)  
Length: 4.00  
Height: 0.21  
INPUT WATTS: 31.44



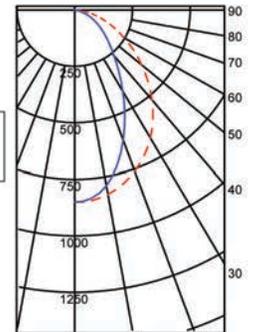
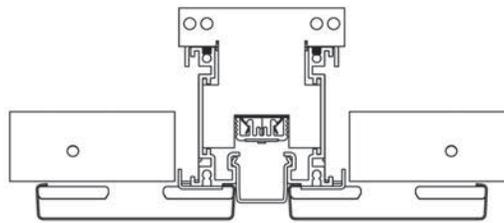
**FIXTURE USES LENS ASLMD (MEDIUM DIFFUSE) AND 3500 K BOARDS.\***

IESNA: LM 79-2008  
ISSUE DATE: 3/6/2015  
TEST: 33801 mod to MD+SO  
TESTLAB: UL Verification Services Inc.  
MANUFAC: GAMMALUX LIGHTING SYSTEMS  
LUMCAT: GHL22RC-1SOLED35-ASLMD  
LAMPS: PLPG2-BAR-1100-835-289X38-DC

EFFICACY (Total): 46.5 LPW\*\*  
DISTRIBUTION % UP: 0%  
DISTRIBUTION % DOWN: 100%  
CIE CLASSIFICATION: DIRECT



Acrylic Satin Lens,  
Medium Diffuse  
(ASLMD)



Quadrilaterally Symmetric  
Dashed: 0 Degrees Solid: 90 Degrees

LUMINOUS OPENING: RECTANGULAR  
Width: 0.08 (Feet)  
Length: 4.00  
Height: 0.21  
INPUT WATTS: 31.44



**Photometric Reports for  
HIGH OUTPUT FIXTURES**

**FIXTURE USES LENS ASL (STANDARD DIFFUSE) AND 3500 K BOARDS.\***

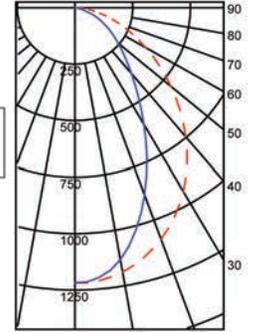
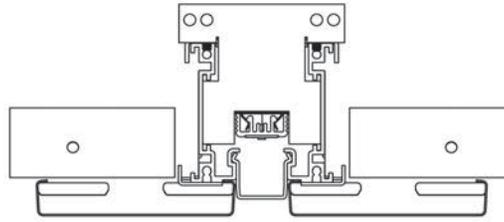
IESNA: LM 79-2008  
ISSUEDATE: 3/6/2015  
TEST: 33801  
TESTLAB: UL Verification Services Inc.  
MANUFAC: GAMMALUX LIGHTING SYSTEMS  
LUMCAT: GHL22RC-1HOLED35-ASL  
LAMPS: PLPG2-BAR-1100-835-289X38-DC

EFFICACY (Total): 51.3 LPW\*\*  
DISTRIBUTION % UP: 0%  
DISTRIBUTION % DOWN: 100%  
CIE CLASSIFICATION: DIRECT

LUMINOUS OPENING: RECTANGULAR  
Width: 0.08 (Feet)  
Length: 4.00  
Height: 0.00  
INPUT WATTS: 40.82



Acrylic Satin Lens,  
(ASL)



Quadrilaterally Symmetric  
Dashed: 0 Degrees Solid: 90 Degrees



**FIXTURE USES LENS ASLMD (MEDIUM DIFFUSE) AND 3500 K BOARDS.\***

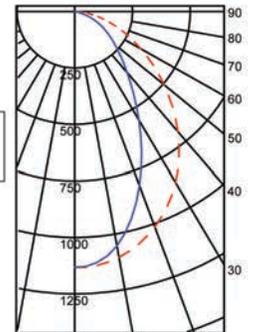
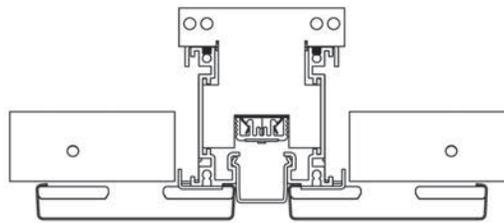
IESNA: LM 79-2008  
ISSUEDATE: 3/6/2015  
TEST: 33801 mod to MD  
TESTLAB: UL Verification Services Inc.  
MANUFAC: GAMMALUX LIGHTING SYSTEMS  
LUMCAT: GHL22RC-1HOLED35-ASLMD  
LAMPS: PLPG2-BAR-1100-835-289X38-DC

EFFICACY (Total): 47.7 LPW\*\*  
DISTRIBUTION % UP: 0%  
DISTRIBUTION % DOWN: 100%  
CIE CLASSIFICATION: DIRECT

LUMINOUS OPENING: RECTANGULAR  
Width: 0.08 (Feet)  
Length: 4.00  
Height: 0.21  
INPUT WATTS: 40.82



Acrylic Satin Lens,  
Medium Diffuse  
(ASLMD)



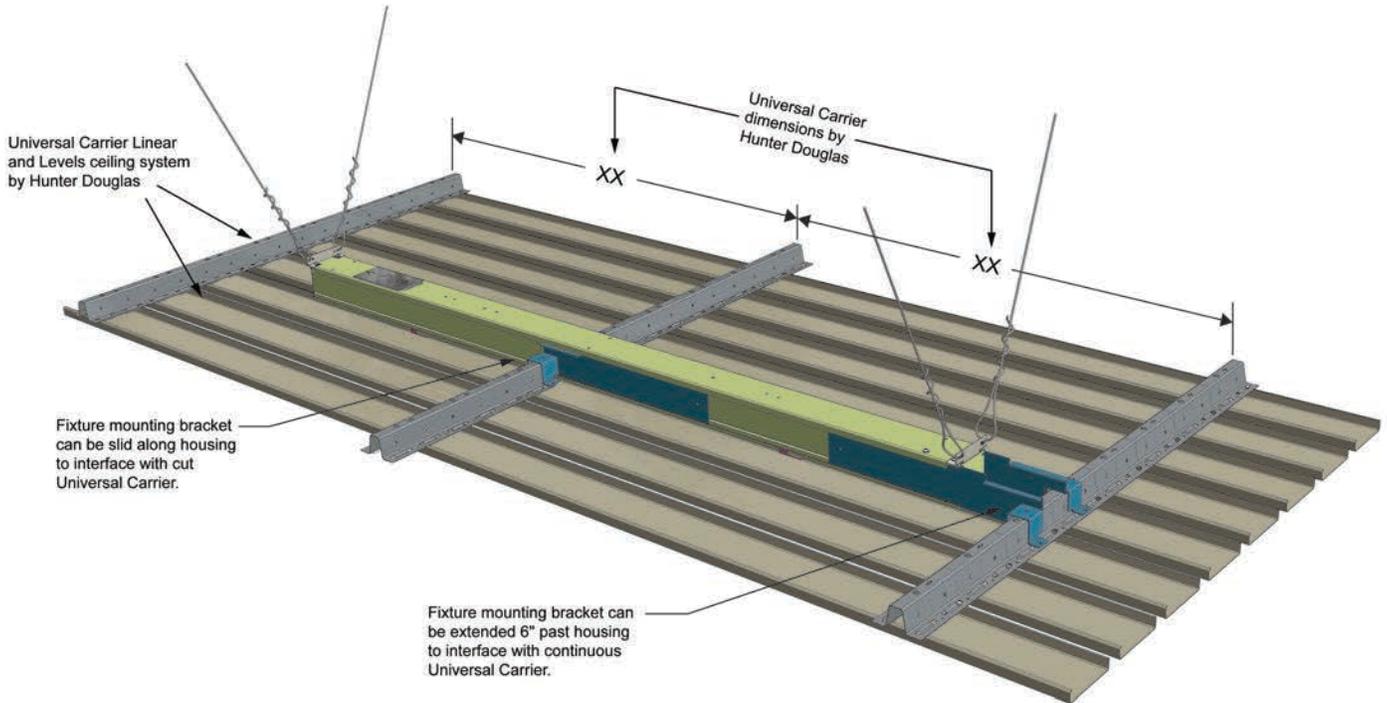
Quadrilaterally Symmetric  
Dashed: 0 Degrees Solid: 90 Degrees



## Mounting Details

**Factory Drawings:** Fully dimensioned factory drawings will be provided upon receipt of purchase order.

### Linear Levels Integration Details



Gammalux Lighting Systems reserves the right to change the details of fixture design and construction at any time.