

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG
NUMBER:

FIXTURE

DOWNLIGHT

VOLTAGE

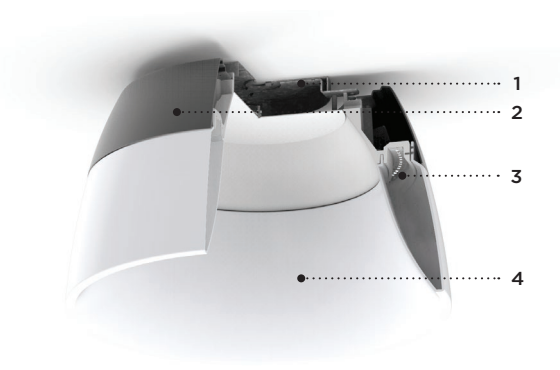
FINISH

OPTION

OPTION

OPTION

OPTION



- 1- Surface mounting bracket
- 2- Spun aluminum housing
- 3- Curved LED array
- 4- **HC1610:** Semi opaque double layer Polyethylene lens

HC1615: Aluminum reflector. Includes an acrylic diffuser disk to eliminate glare from the LED boards.

Inner surface: Multi-faceted specular anodized

Exterior surface: Satin anodized natural aluminum. Exterior of aluminum reflector can be painted to match housing finish (option ASP).

All stainless steel hardware

HC1610



HC1615



MATERIALS

Hollowcore LED is made of an aluminum housing which houses integral drivers, and a diecast aluminum heat sink which supports the LED engine and shade as well as dissipates heat. Hollowcore is available with a choice of polyethylene lens or aluminium anodized reflector. Both options offer a distinct look and different distributions. The illumination is provided by an array of four curved LED boards.

ELECTRICAL

DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -20°C/-4°F to 50°C/122°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery. Optional 347V driver.

LED Standard 4000K CCT/80CRI. Other CCTs available 2700K, 3000K, 3500K

LIFE

60,000hrs $L_{70}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data).

FINISH

Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

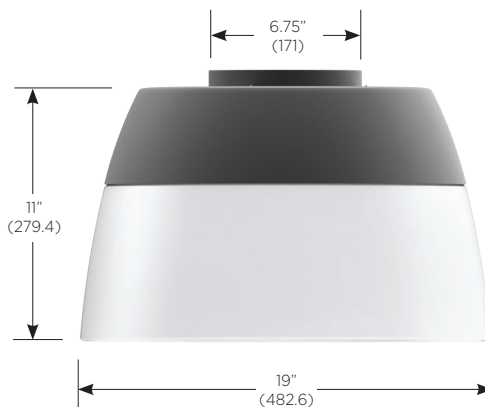
MOUNTING

Maximum weight: 16lbs (7.25 kg). Surface mounting bracket to be affixed with 3 screws on the surface outside the junction box. See diagram for details.

Fixture must be installed on a finished ceiling.

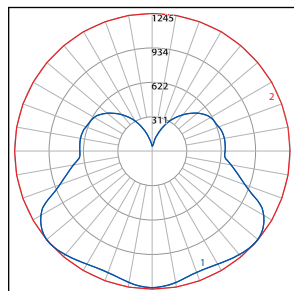
CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. ETL listed damp location. Rated IP22. CE Certification on request.



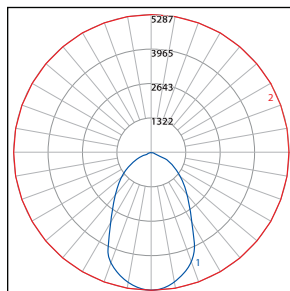
HC1610/HC1615 SERIES HOLLOWCORE - LED

TYPICAL PHOTOMETRY SUMMARY



Descriptive Information

HC1610-L4L90
Total Lms: 9731 Lumens
Total Input Watts: 108W
Efficacy: 90 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 1212 @ 0 deg



Descriptive Information

HC1615-L4L90
Total Lms: 8523 Lumens
Total Input Watts: 112W
Efficacy: 76 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 5287 @ 0 deg

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

MODEL#



HC1610

LED LIGHT SELECTION

DOWNLIGHT

SUFFIX	INPUT WATTS	DELIVERED LUMENS	CRI	CCT °K
<input type="checkbox"/> L4L30	29W	3272	80	4000
<input type="checkbox"/> L4L45	42W	4655	80	4000
<input type="checkbox"/> L4L60	61W	6338	80	4000
<input type="checkbox"/> L4L75	77W	7750	80	4000
<input type="checkbox"/> L4L90	108W	9731	80	4000



HC1615

DOWNLIGHT

SUFFIX	INPUT WATTS	DELIVERED LUMENS	CRI	CCT °K
<input type="checkbox"/> L4L30	32W	3032	80	4000
<input type="checkbox"/> L4L45	50W	4456	80	4000
<input type="checkbox"/> L4L60	73W	6092	80	4000
<input type="checkbox"/> L4L75	94W	7477	80	4000
<input type="checkbox"/> L4L90	112W	8523	80	4000

VOLTAGE

- ☐ 120V
☐ 277V
Optional
☐ 347V¹

FINISH

STANDARD COLORS

- ☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne

(Refer to color chart)

OPTIONAL COLORS

- ☐ CS Custom color
☐ RAL RAL# color

OPTIONS

ELECTRICAL

- ☐ **FS** Fuse
- ☐ **MS** 360 degrees PIR motion sensor. HC1610 only². See mounting details below for diagram.
- ☐ **REML2-50** 7W remote emergency battery backup for LED, 90 min. Remote mount 50ft - 12" (305) square enclosure with access cover³.
- ☐ **EMLC4** Integral battery backup for LED, 90 min., 10W Integral to luminaire within oversized ceiling canopy. See diagram for details⁴.

LIGHT & SURFACE FINISH

Alternate CCT °K LED (LCF: Lumen conversion factor)

- ☐ **K27** 2700K CCT 80 CRI (LCF: 0.92)
- ☐ **K3** 3000K CCT 80 CRI (LCF: 0.94)
- ☐ **K35** 3500K CCT 80 CRI (LCF: 0.98)

NOTE: Other CCT & higher CRI available, please consult factory.

- ☐ **ASP** Exterior of aluminum reflector to match housing finish (HC1615 only)

DIMMING

- ☐ **DMX⁵/RDM** DMX/RDM control dim to dark (0%). In oversized ceiling canopy. See diagram for details.

NOTES

- 347V not available with DMX, EMLC4, and REML2-50. For L4L75 and L4L90, 347V is available with Oversized Canopy. Can be combined with MS.
- MS not available with DMX and REML2-50.
- For L4L60 to L4L90, two out of the four LED boards will light up.
- EMLC4 not available for models above 80W. For L4L60 and L4L75, only two out of four LED boards will illuminate.
- DMX not available for models above 100W.

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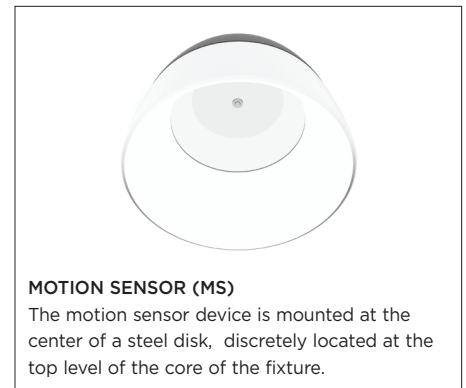
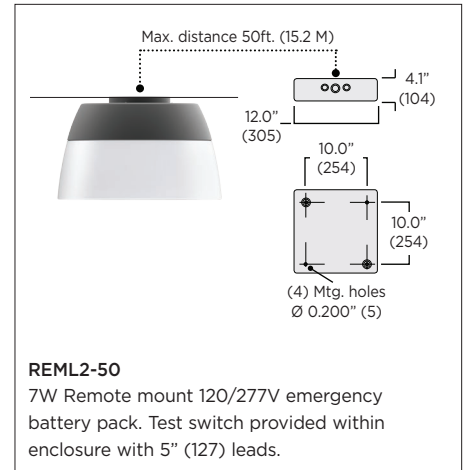
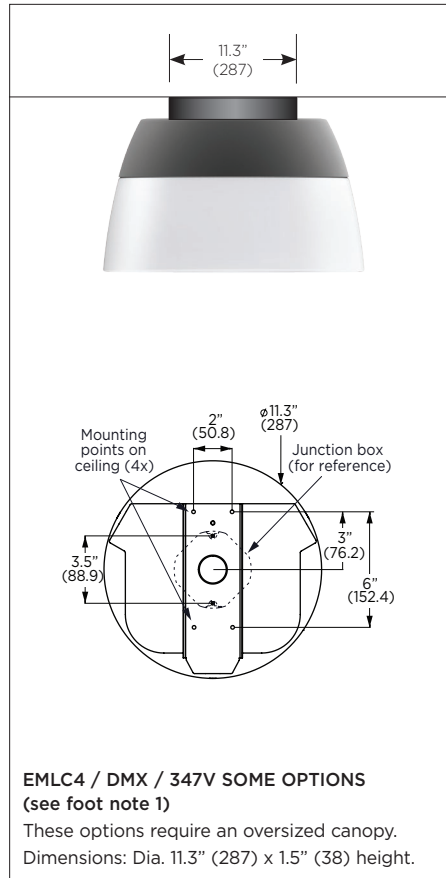
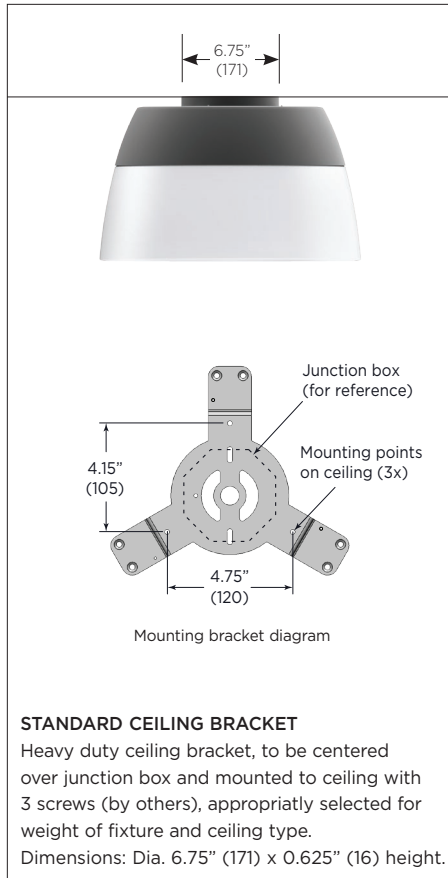
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Nov. 2019 Rev0

HC1610/HC1615 SERIES HOLLOWCORE - LED

MOUNTING DETAILS



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