

RESILIENT
TOUGH LIGHT

A LUMA BRAND

LZL SERIES

HAZARDOUS LOCATION LIGHTING

FEATURING LIGHT EMITTING DIODE (LED)



Benefits

- Explosion proof design
- Integral 'HL' driver
- Corrosion resistant marine grade finish
- Operation up to 55°C ambient environment
- Suitable for wet locations, IP67
- Available in 2-ft and 4-ft options
- High efficiency over 100 Lumens Per Watt
- L70 rated to greater than 200,000 hours
- 7 year warranty

Application Areas

- Hazardous Locations
- Industrial Facilities
- Explosion Proof of Areas

Compliance

- Designed for UL1598A for marine grade environments
- Designed for UL844 for hazardous locations
 - Class I, Division II Groups A, B, C, D
 - Class II, Division I Groups E, F, G
 - Class II, Division II Groups F, G
 - Class III
- 6kV/kA surge suppression according to IEEE/ANSI C62.41.2
- LM80 data available upon request

IP67



OUR SERVICES

Site Evaluation

Application Consulting

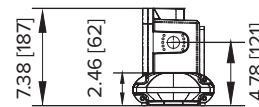
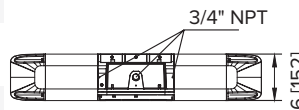
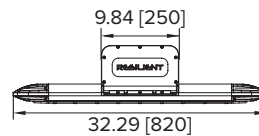
Installation Support

FEATURES

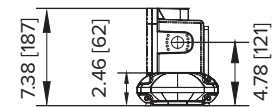
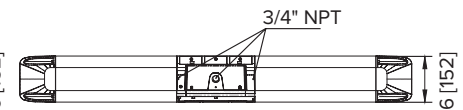
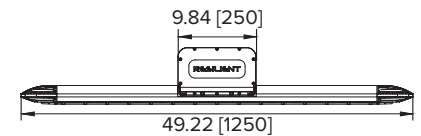
Input Voltage	120 - 277V
Power Factor	> 0.90
Total Harmonic Distortion (THD)	< 20%
Surge Protection	6kV/ kA
Operating Temperature	-40°C to +55°C
Mounting	Conduit / Pendant / Surface/ Bracket
Housing	Aluminum extrusion
Finish	Marine-grade powder coating
Temperature Rating	T5 (100°C) at 40°C ambient

DIMENSIONS (inches [mm])

LZL0100 (2-Ft)



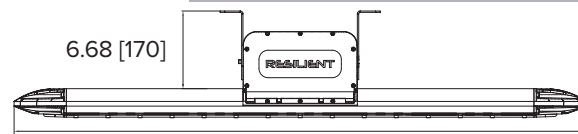
LZL0200 (4-Ft)



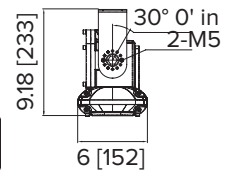
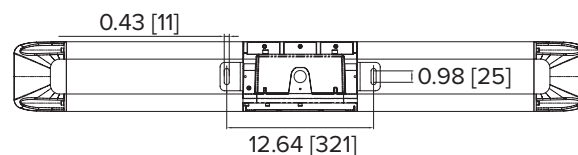
Mounting Options

More mounting option drawings for request.

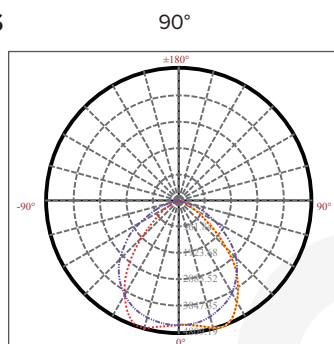
SURFACE MOUNTING DRAWING



LZL0200 (4-Ft) 49.22 [1250]
LZL0100 (2-Ft) 32.29 [820]



OPTICS



SPECIFICATIONS

	LZL0100 (2-Ft)	LZL0200 (4-Ft)
Input Wattage	50W	100W
Initial Lumens	5,000	10,000
Lumen Maintenance (L70)	200,000	200,000
CRI	70	70
CCT (K)	4,000K/ 5,000K	4,000K/ 5,000K
Weight	9kg	14kg

ORDERING OPTIONS

Sample Order Code: LZL0100-50-5-7-90-V1-0-S

Family	Wattage	Color Temperature	CRI	Beam Angle	Voltage	Control	Mounting
LZL0100	(50) 50W	(4) 4,000K	(7) 70	(90) 90°	(V1) 120-277V	(0) None	(C) Conduit (P) Pendant (S) Surface (Y) Bracket
LZL0200	(A0) 100W	(5) 5,000K					