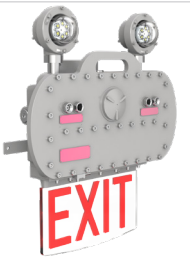
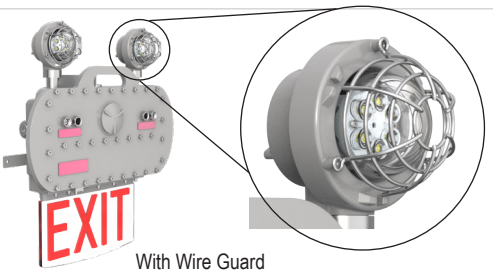
EMLX

EXPLOSION PROOF LED EXIT SIGN

The EMLX Series consists of Explosion Proof Emergency Lights and Emergency Lights/Exit Sign Combo Units designed for use in locations deemed hazardous due to the presence of flammable vapors, gases or combustible dusts.





With Wire Guard

1	2	3	4	5	5	6

1 MODEL	2 PRODUCT TYPE	3 CCT (SPOTLIGHT)	4 EXIT SIGN COLOR	5 SIGN TYPE	6 OPTIONS
EMLX	**E1:** Emergency Light **E2:** Emergency Light **E3:** Emergency Light & EXIT Light **E4:** Exit Sign	**E1-E3 Type Only** **Blank:** None (E4) **3:** 3000K **4:** 4000K **5:** 5000K **65:** 6500K *CCT required for E1,E2, and E3 Spot-lights. Choose blank for E4 type.	**E3-E4 Type** **Blank:** None (E1,E2) **R:** Red **G:** Green *Exit sign color required for E3 and E4. Choose blank for E1 and E2 type.	**Blank:** None **A:** EXIT **B:** ← **C:** ↑ **D:** → **E:** ↓ **F:** ↖ **G:** ↙ **H:** ↗ **I:** ↘ **J:** EXIT ← **K:** EXIT →	**G:** Wire Guard **Blank:** None

CERTIFICATIONS

UL844 Hazardous Locations
- CI D1 Groups C, D
- CI D2 Groups A,B,C,D
- CII D1 Groups E,F,G
- CII D2 Groups F,G
- CIII

UL924
NEMA 4X
IP66

CONSTRUCTION

Housing: Aluminum
Exit Sign Plate: Tempered Glass
Hardware: Stainless Steel
Silicone Rubber Gasket
Weights: Min: 22lbs. / 66lbs.

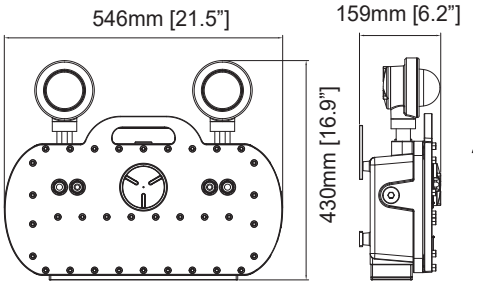
ELECTRICAL

120-277VAC, 50/60Hz
Emergency Time: 3 hours

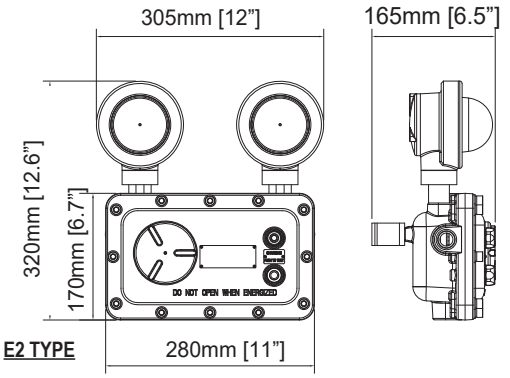
FEATURES

3/4" NPT conduit hubs
Lifespan up to 50,000 hours

DIMENSIONS

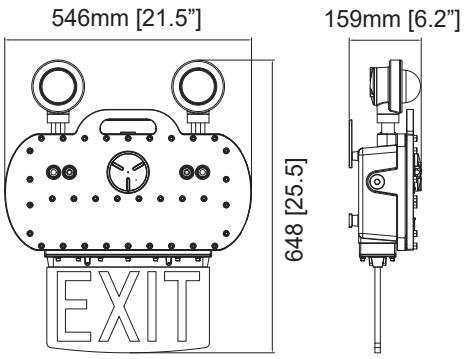


E1 TYPE

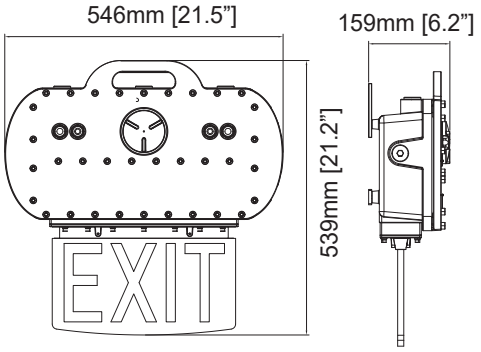


E2 TYPE

E3 TYPE



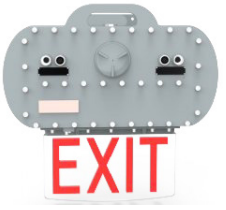
E4 TYPE



E1 TYPE

E2 TYPE

E3 TYPE



E4 TYPE

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Product design and specifications subject to change without notice.
Visit www.ldpi-inc.com for the most current version and photometric data. v.10.09.26

EMLX

EXPLOSION PROOF LED EXIT SIGN

• Electrical

Specification	E1 TYPE	E2 TYPE	E3 TYPE	E4 TYPE
Product Type	Emergency Light	Emergency Light	Emergency Light + Exit Sign	Exit Sign
Power of Two Spot Lights @120V, 50-60Hz	7W±10% @Fully charged; 8W±10% @During charging			/
Power of Two Spot Lights @277V, 50-60Hz	8W±10% @Fully charged; 9W±10% @During charging			/
Power of Exit Sign	/	/	3W to 5W	3W to 5W
Input Voltage	120-277VAC	120-277VAC	120-277VAC	100-277VAC
Input Frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Emergency Time	3 hours	3 hours	3 hours	3 hours

• Optical

Specification	E1 TYPE	E2 TYPE	E3 TYPE	E4 TYPE
CCT	3000K-6500K	3000K-6500K	3000K-6500K	/
Beam Angle	90°±10%	90°±10%	90°±10%	/
LED	Red / Green			/
Color of Exit Sign	/	/	Red / Green	Red / Green

• Environmental

Specification	E1 TYPE	E2 TYPE	E3 TYPE	E4 TYPE
Ambient Temperature	Charging: 0°C to +45°C (32°F to +113°F); Discharging: -20°C to +60°C (-4°F to +140°F)			

• Mechanical

Specification	E1 TYPE	E2 TYPE	E3 TYPE	E4 TYPE
Housing Material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
Diffuser	Tempered glass	Tempered glass	Tempered glass	/
Sign Panel Material	/	/	Tempered glass	Tempered glass
Hardware Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Spot Light	Can be adjusted in horizontal and vertical directions			/
Lamp Adjustable Angle	0° to 180°	0° to 180°	0° to 180°	/
Mounting	Wall Mounting	Wall Mounting	Wall Mounting	Wall Mounting
Protection	IP66 / IK10 (enclosure) / IK08 (tempered glass diffuser with metal guard) Exit Sign (n/a)			IP66 / IK10 (enclosure)
Provided Harware	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
Lifespan	50,000 hours	50,000 hours	50,000 hours	50,000 hours
Warranty	5 years	5 years	5 years	5 years

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