isolite

The Emergency Lighting Experts

COMBINED FAMILY SPECIFICATION

LPDC2 Standard

LPDC2 Wet Location

LPDC2 Hybrid

ISOLITE ▪ WWW.ISOLITE.COM
ISOLITE HEADQUARTERS ▪ 800.888.5483 ▪ 31 WATERLOO AVENUE BERWYN, PA 19312
ISOLITE WEST ▪ 800.799.5343 ▪ 3563 SUELDO SUITE M, SAN LUIS OBISPO, CA 93401

SPECIFICATIONS AND DETAILS ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION.
CONTACT ISOLITE FOR UP TO DATE DETAILS.

FEATURES

- Maintenance-free, super-bright LEDs with a 25+ year lifespan provide illumination four times brighter than UL 924 requirements, enhanced by a spectrally-matched diffuser for superior brightness and uniformity.
- Premium, maintenance-free Nickel Cadmium battery ensures at least 2 hours of operating time for EM units, while a Nickel Metal Hydride battery provides the same for SD units.
- New entry plug eliminates knockouts, reducing installation time.
- 120/277 VAC with field selectable inputs with quick install whip connector.
- Self-Test / Self-Diagnostic monitoring available.
- SD units include a self-compensating constant current charger circuit that monitors the battery pack's condition and uses a flashing LED to signal when the battery needs replacement or if there are other faults.
- Electronic control circuit delivers full-wave, low-ripple current to each LED, optimizing lifespan and light output.
- EM units can power one remote exit sign, while SD units can power either one remote exit sign or up to two lamp heads.
- Fine grain brushed aluminum stencil trim standard with specialty finish upon request.
- Optional polycarbonate face shield, tamper-proof screws, swivel pendant, and specialty mounts.
- Line-latch prevents unnecessary discharge of battery during installation. Loads will not illuminate until after application of utility power.
- Brownout detection ensures emergency operation during periods of low line voltage.
- Zero current low-voltage disconnect used to prevent battery from being overly discharged.

ORDERING INFORMATION   *LPDC2-AC-G-1-BA-BA-MB*

1. SERIES	2. OPERATION	3. ILLUMINATION	4. FACE COUNT	5. BODY COLOR
LPDC2 -	-	-	-	- -
	AC AC Only	**R** Red	**1** Single	**BA** Brushed Aluminum
	EM Ni-Cad Battery Backup	**G** Green	**2** Double	**WH** White
			U Universal	**BK** Black
				CC Custom

6. FACE COLOR	7. MOUNTING	8. OPTIONS
-	-	-
BA Brushed Aluminum	**MTEB** Top/End/Back Mount	**BLANK = NO OPTION**
WH White	**MB** Back Mount	**HX** Heater/Cold Temperature
BK Black	**ME** End Mount	**CX** Dual Circuit 120/277VAC (AC Only)
CC Custom	**MS** Stanchion Mount	**DL** Damp Location
	MCE Direct Conduit Entry	**FA** Fire Alarm Interface
	MPA 12" Swivel Mount	**FL** Flasher
	MPB 24" Swivel Mount	**SD** Self-Diagnostic/IR Receiver
	MPC 36" Swivel Mount	**VR** Vandal Shield
	MPD 48" Swivel Mount	**TP** Tamperproof Screws
	MPE 60" Swivel Mount	**EEW** Extended Electronics Warranty
	MPF 72" Swivel Mount	

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PRELIMINARY ▪ REV-2 ▪ 20240930
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CEC Title 20
E Compliant

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ASSEMBLED IN THE USA ★★★★★★★★★

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ACCESSORIES; ORDER SEPARATELY

- **TLRT** = Infrared Remote Control
- **WG-16.5LX14.0WX3.0D** = Wireguard, Length: 16.5", Width: 14", Depth: 3"
- **WG-16.5LX14.0WX6.0D** = Wireguard, Length: 16.5", Width: 14", Depth: 6"
- **WG-20.0LX19.0WX9.0D** = Wireguard, Length: 20", Width: 19", Depth: 9"
- **WG-26.0LX19.0WX9.0D** = Wireguard, Length: 26", Width: 19", Depth: 9"

NOTE: Wireguards only available with Back Mount.

SPECIFICATIONS

CONSTRUCTION

- Injection-molded reflector ensures easy installation, maintenance, and even illumination.
- Heavy-duty, three-piece die-cast aluminum housing with a removable front stencil and light seal.
- Sleek 2.5" profile with softened corners and chamfered edges.
- Optional polycarbonate face shield, tamper-proof screws, swivel pendant, and specialty mounts.

LETTERS

- 6.0" high; 0.75" stroke

ARROWS

- NFPA type, universal field selectable chevrons.

VIEWING DISTANCE

- 100 foot visibility rating

CANOPY

- Low-profile universal canopy with 0.75" cast nipple and locking nuts.

INPUT POWER

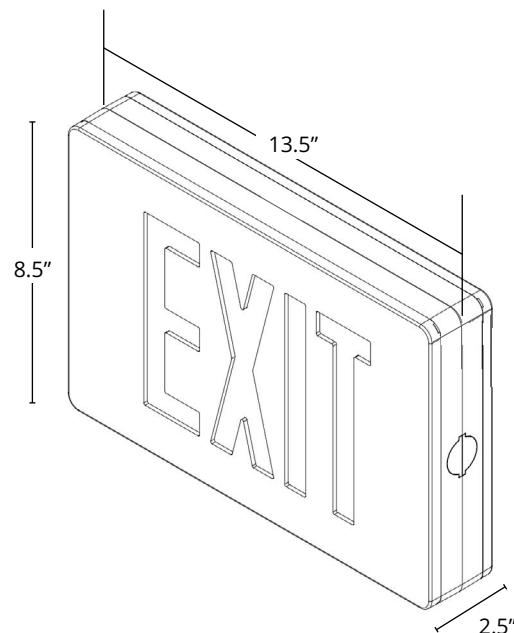- AC models: 3.24W
- EM models: 4.08W

APPROVALS

- UL 924 Listed to 100ft Visibility Distance
- CEC Title 20 Compliant
- NFPA 101 Life Safety Code
- NFPA 70-NEC
- OSHA
- NEMA 4X
- BAA Compliant

WARRANTY

- Isolite offers a 5-year limited warranty. For further details, refer to General Warranty and Obligations in the Isolite manual or on our website.
- The EEW option extends the electronics warranty to 10 years. Batteries are not included in the extended warranty.

DIMENSIONS

13.5"
8.5"
2.5"

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LPDC2 - Wet Location
Wet Location Die-Cast Aluminum LED Exit Sign

DATE:

PROJECT

COMMENTS:

FEATURES

- Durable silicone gasket ensures IP66 Wet Location rating and meets NEMA 4X and IP66 standards.
- Vandal-resistant, clear UV-stabilized polycarbonate face secured with tamper-resistant stainless-steel screws.
- The maintenance-free, high-intensity LED light source offers a lifespan of 25+ years with less than 5W power consumption, delivering exceptional energy efficiency and superior illumination through fully automatic operation.
- Premium, maintenance-free Nickel Cadmium battery provides a minimum of 90 minutes of operating time.
- Solid-state constant current charger recharges the battery within 24 hours.
- SD units feature standard self-test/self-diagnostic circuitry that monitors critical functions, conducting a 5-minute discharge test monthly and completing system tests biannually and annually.
- Test switch and AC present indicator light with an optional infrared testing function are available.
- New entry plug eliminates knockouts, reducing installation time.
- 120/277 VAC with field selectable inputs.
- Self-Test / Self-Diagnostic monitoring available.
- Electronic control circuit delivers full-wave, low-ripple current to each LED, optimizing lifespan and light output.
- Durable powder coat finish in matte black or matte white.
- Line-latch prevents unnecessary discharge of battery during installation. Loads will not illuminate until after application of utility power.
- Brownout detection ensures emergency operation during periods of low line voltage.
- Zero current low-voltage disconnect used to prevent battery from being overly discharged.
- Suitable for indoor, outdoor, damp, and wet locations.

ORDERING INFORMATION *LPDC2-LW-AC-G-1-BA-BA-MB-LW*

1. SERIES	2. OPERATION	3. ILLUMINATION	4. FACE COUNT	5. BODY COLOR
LPDC2 -	-	-	-	-
	AC AC Only	**R** Red	**1** Single	**WH** White
	EM Ni-Cad Battery Backup	**G** Green	**2** Double	**BK** Black
			U Universal	**CC** Custom

6. FACE COLOR	7. MOUNTING	8. OPTIONS		9. WET LOCATION
-	-			- LW
BA Brushed Aluminum	**MTEB** Top/End/Back Mount	**BLANK = NO OPTION**		**LW** Wet Location
WH White	**MB** Back Mount	**HX** Heater/Cold Temperature	
BK Black	**ME** End Mount	**CX** Dual Circuit 120/277VAC (AC Only)	
CC Custom	**MS** Stanchion Mount	**FA** Fire Alarm Interface	
	MCE Direct Conduit Entry	**FL** Flasher	
		SD Self-Diagnostic/IR Receiver	
		VR Vandal Shield	
		TP Tamperproof Screws	
		EEW Extended Electronics Warranty	

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- **WG-20.0LX19.0WX9.0D** = Wireguard, Length: 20", Width: 19", Depth: 9"
- **WG-26.0LX19.0WX9.0D** = Wireguard, Length: 26", Width: 19", Depth: 9"

NOTE: Wireguards only available with Back Mount.

SPECIFICATIONS

CONSTRUCTION

- Injection-molded internal cavity reflector and heavy-duty pressure die-cast aluminum alloy ensure easy installation, maintenance, and even illumination.

LETTERS

- 6.0" high; 0.75" stroke

ARROWS

- NFPA type, universal field selectable chevrons.

VIEWING DISTANCE

- 100 foot visibility rating

TEMPERATURE RATING

- **Standard:** 45ºF to 113ºF (7º C to 45ºC)
- **With HX Option:**
  -40ºF to 113ºF (-40ºC to 45ºC)

CANOPY

- Low-profile universal canopy with 0.75" cast nipple and locking nuts.

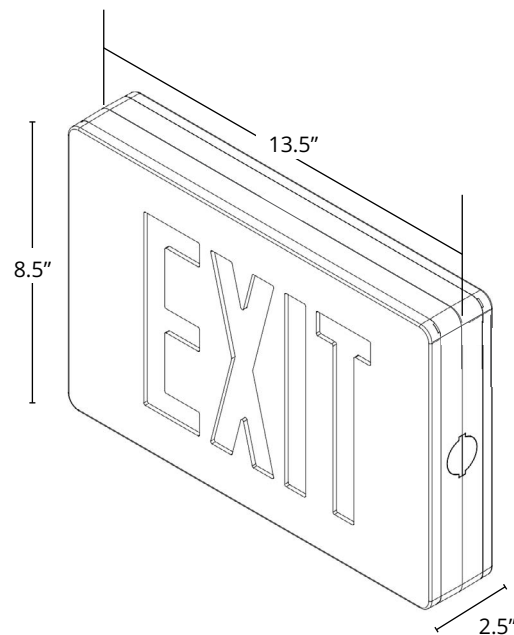### INPUT POWER

- AC models: 3.24W
- EM models: 4.08W

APPROVALS

- UL 924 Listed to 100ft Visibility Distance
- CEC Title 20 Compliant
- NFPA 101 Life Safety Code
- NFPA 70-NEC
- OSHA
- NEMA 4X
- IP66
- BAA Compliant

WARRANTY

- Isolite offers a 3-year limited warranty. For further details, refer to General Warranty and Obligations in the Isolite manual or on our website.
- The EEW option extends the electronics warranty to 10 years. Batteries are not included in the extended warranty.

DIMENSIONS

13.5"

8.5"

2.5"

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PRELIMINARY ▪ REV-2 ▪ 20240930
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LPDC2 - Hybrid
Photoluminescent/LED Die-Cast Aluminum LED Exit Sign

FEATURES

- Internal LEDs are used to charge the photoluminescence material internally for
- an eco-friendly solution.
- Maintenance-free LED light source with a lifespan of 25+ years and less than 5W power consumption.
- Non-electrical photoluminescence illuminates the letters when AC power fails.
- Requires no electricity or external light source.
- Maintenance free with no lamps or batteries to replace.
- New entry plug eliminates knockouts, reducing installation time.
- 120/277 VAC with field selectable inputs with quick install whip connector.
- Fine grain brushed aluminum stencil trim standard with specialty finish upon request.
- Optional polycarbonate face shield, tamper-proof screws, swivel pendant, and specialty mounts.

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ORDERING INFORMATION *LPDC2-HY-AC-G-1-BA-BA-MB*

1. SERIES	2. ILLUMINATION	3. FACE COUNT	4. BODY COLOR	5. FACE COLOR
LPDC2-HY	G			

2. ILLUMINATION
G   Green

3. FACE COUNT
1   Single
2   Double
U   Universal

4. BODY COLOR
BA   Brushed Aluminum
WH   White
BK   Black
CC   Custom

5. FACE COLOR
BA   Brushed Aluminum
WH   White
BK   Black
CC   Custom

6. MOUNTING

MTEB   Top/End/Back Mount
MB   Back Mount
ME   End Mount
MS   Stanchion Mount
MCE   Direct Conduit Entry
MPA   12" Swivel Mount
MPB   24" Swivel Mount
MPC   36" Swivel Mount
MPD   48" Swivel Mount
MPE   60" Swivel Mount
MPF   72" Swivel Mount

7. OPTIONS

BLANK = NO OPTION
DL   Damp Location
LW   Wet Location
VR   Vandal Shield
TP   Tamperproof Screws

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NOTE: Wireguards only available with Back Mount.

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LPDC2 - Hybrid
Photoluminescent/LED Die-Cast Aluminum LED Exit Sign

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SPECIFICATIONS

CONSTRUCTION

- Injection-molded reflector ensures easy installation, maintenance, and even illumination.
- Heavy-duty, three-piece die-cast aluminum housing with a removable front stencil and light seal.
- Sleek 2.5" profile with softened corners and chamfered edges.
- Optional polycarbonate face shield, tamper-proof screws, swivel pendant, and specialty mounts.

LETTERS

- 6.0" high; 0.75" stroke

ARROWS

- NFPA type, universal field selectable chevrons.

VIEWING DISTANCE

- 100 foot visibility rating

CANOPY

- Low-profile universal canopy with 0.75" cast nipple and locking nuts.

APPROVALS

- UL 924 Listed to 100ft Visibility Distance
- CSA C22.2 No. 141-10
- CEC Title 20 Compliant
- NFPA 101 Life Safety Code
- NFPA 70-NEC
- OSHA
- BAA Compliant

WARRANTY

- Isolite offers a lifetime warranty. For further details, refer to General Warranty and Obligations in the Isolite manual or on our website.

DIMENSIONS

13.5"
8.5"
2.5"

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