

HEX SERIES LED SERIES

EXIT AND EMERGENCY EGRESS — HAZARDOUS LOCATION

FEATURES

- All Models:
 - Dual voltage fixture can run at 120 or 277 Vac, 60 Hz.
 - 6 kV surge protection.
 - Mounting brackets and hardware are provided with all single sided units for wall mounting.
 - Ambient temperature: 0-50 °C (32 °F to 122 °F) or -20 °C to +50 °C (-4 °F to +122 °F) with the cold weather option.
- Emergency Models:
 - Self diagnostic feature that performs monthly, biannual, and annual tests to ensure reliable operation.
 - A 6V or 12V rechargeable nickel cadmium battery that lasts a minimum of 90 minutes.
 - Test magnet that can prompt diagnostic test to run on demand.
 - LED indicator to visually communicate fixture operational status.
- Exit and Emergency Sign:
 - Directional arrows can be snapped out at time of installation.
 - 1/2" NPT conveniently located on top of enclosure to support wiring and pendant mounting.
 - A pre-installed conduit hub is available for conduit and pendant mount.
 - An internal heater and a battery blanket for extreme cold temperature are included standard, resulting in an ambient temperature of -20 °C to +50 °C (-4 °F to +122 °F).
- Exit and Emergency Combo:
 - Exit and Emergency Combo models are single sided (15W with a remote device capacity of 7.8W) or double sided (12W with a remote device capacity of 4.8W).
 - Ultra-bright, energy efficient, long-life, white LED adjustable lamp heads provide up to 13.7 m (45 ft) center-to-center spacing.

- Directional arrows can be snapped out at time of installation.
- A 1/2" NPT is conveniently located on top of the enclosure to support wiring and pendant mounting.
- A pre-installed conduit hub is available for conduit and pendant mount.
- Emergency combo heads can be rotated up to 360 degrees per user's preference.
- Emergency System:
 - Emergency system models are 15W with a remote device capacity of 7.8W.
 - Ultra-bright, energy efficient, long-life White LED adjustable lamp heads provide up to 13.7 m (45 ft) center-to-center spacing.
 - Emergency system heads can be rotated up to 360 degrees per user's preference.

WARRANTY

- 5 year standard warranty

TYPICAL APPLICATIONS

- For use in locations where:
 - An exit route or path of egress needs to be emphasized
 - Flammable gases and vapors may be present
- Typical applications include:
 - Oil refineries
 - Petrochemical facilities
 - Waste and sewer treatment
 - Underground tunnels
 - Analyzer houses
 - Processing areas
 - Hydrogen and Biofuels plants
 - LNG (Liquid Natural Gas) plants



HEX31 | HEX32

HEXC*1 | HEXC*2



HEXS15

LUMINAIRE MATERIALS

- Battery: nickel cadmium
- Housing: fiberglass reinforced polycarbonate with gray paint
- Lens: UV stabilized polycarbonate
- Screws: stainless steel
- Mounting bracket: diecast aluminum

ACCESSORIES (PURCHASE SEPARATELY)

- Tamper Proof Screws: HEXTPSCREW

NEC LISTINGS

- Class I, Division 2, Groups A, B, C, D | Class I, Zone 2, Groups IIA, IIB, IIC | IP66 | Listed for Use in Wet Locations

① Refer to catalog pages for detailed certification information.

⊕ For warranty details go to www.appleton.emerson.com.

PRODUCT SPECIFICATIONS

Series	HEX31	HEX32	HEXC*1	HEXC*2	HEXS15
Style	Exit and Emergency Sign		Exit and Emergency Combo		Emergency System
Number of Faces	Single-sided	Double-sided	Single-sided	Double-sided	N/A
Number of Heads	N/A	N/A	N/A	N/A	Two Heads
Output Wattage	3		15	12	15
Input Voltage	120/277 Vac, 60 Hz				
Surge Voltage	Pre-wired: 120 Vac or 277 Vac				
Power Source	AC Only or 90 Minute Battery Backup		90 Minute Battery Backup		
Battery Power Source Voltage	6 Vdc or 12 Vdc				
Surge Protection	6 kV				
Remote Device Capacity	N/A		7.8 W, 6 Vdc or 12 Vdc	4.8 W, 6 Vdc or 12 Vdc	7.8 W, 6 Vdc or 12 Vdc
Ambient Temperature	Standard: -20 °C to +50 °C (-4 °F to +122 °F)		Standard: 0 °C to +50 °C (+32 °F to +122 °F) Optional: -20 °C to +50 °C (-4 °F to +122 °F)		
Temperature Code	T5		T5	T5	T3C
Fixture Weight - kg (lbs)	2.041 (4.5)		4.763 (10.5)		3.402 (7.5)
Replaceable Parts	Battery Pack, Face Plate, Back Plate, Lens, Tamper Proof Screws, Magnet for Testing, Surge Protection Component				

APPLETON

For product information:
www.masteringled.com
 1.800.621.1506


EMERSON

HEX SERIES LED SERIES

EXIT AND EMERGENCY EGRESS — HAZARDOUS LOCATION

Project Information	Specifications
Part Number: _____ Date: _____	_____
Project: _____	_____
Fixture Type: _____	_____

CATALOG NUMBERING GUIDE — HEX LED SERIES | CID2 — EXIT AND EMERGENCY SIGN

Series Prefix	Style	Output Wattage	Input Voltage	Number of Faces	Chevron and Lettering	Surge Voltage	Power Source	Operating Temperatures
HEX	—	3	—					—

SERIES PREFIX: HEX HEX LED Series	INPUT VOLTAGE: Blank 120/277 Vac, 60 Hz	CHEVRON AND LETTERING: R Red G Green	POWER SOURCE: Blank AC Only H 90 minute battery backup
STYLE: Blank Exit and Emergency Sign	NUMBER OF FACES: ③ 1 Single-sided 2 Double-sided ①	SURGE VOLTAGE: ② 12 Pre-wired for 120 Vac, 60 Hz 27 Pre-wired for 277 Vac, 60 Hz	OPERATING TEMPERATURES: Blank Cold Weather -20 °C to +50 °C (-4 °F to +122 °F)
OUTPUT WATTAGE: 3 3 W Standard			

CATALOG NUMBERING GUIDE — HEX LED SERIES | CID2 — EXIT AND EMERGENCY COMBO

Series Prefix	Style	Output Wattage	Input Voltage	Number of Faces	Chevron and Lettering	Surge Voltage	Power Source Voltage	Operating Temperatures
HEX	C		—					

SERIES PREFIX: HEX HEX LED Series	INPUT VOLTAGE: Blank 120/277 Vac, 60 Hz	CHEVRON AND LETTERING: R Red G Green	POWER SOURCE VOLTAGE: 6 6 Vdc Battery 12 12 Vdc Battery
STYLE: C Exit and Emergency Combo	NUMBER OF FACES: ③ 1 Single-sided 2 Double-sided ①	SURGE VOLTAGE: ② 12 Pre-wired for 120 Vac, 60 Hz 27 Pre-wired for 277 Vac, 60 Hz	OPERATING TEMPERATURES Blank Standard 0 °C to +50 °C (+32 °F to +122 °F) C Cold Weather -20 °C to +50 °C (-4 °F to +122 °F)
OUTPUT WATTAGE: 12 12 Watts 15 15 Watts			

CATALOG NUMBERING GUIDE — HEX LED SERIES | CID2 — EMERGENCY SYSTEM

Series Prefix	Style	Output Wattage	Input Voltage	Number of Heads	Chevron and Lettering	Surge Voltage	Power Source Voltage	Operating Temperatures
HEX	S	15	—	2				

SERIES PREFIX: HEX HEX LED Series	INPUT VOLTAGE: Blank 120/277 Vac, 60 Hz	SURGE VOLTAGE: ② 12 Pre-wired for 120 Vac, 60 Hz 27 Pre-wired for 277 Vac, 60 Hz	OPERATING TEMPERATURES Blank Standard 0 °C to +50 °C (+32 °F to +122 °F) C Cold Weather -20 °C to +50 °C (-4 °F to +122 °F)
STYLE: S Emergency System	NUMBER OF HEADS: ③ 2 Double-sided ①	POWER SOURCE VOLTAGE: 6 6 Vdc Battery 12 12 Vdc Battery	
OUTPUT WATTAGE: 15 15 Watts			

- ① Cannot be wall mounted.
- ② Pre-wired units for 120 Vac can be switched to 277 Vac in field and vice versa. Refer to installation instructions for more details.
- ③ Single sided combo is only available as 15W. Double Sided combo is only available as 12W.