

### Catalog Number

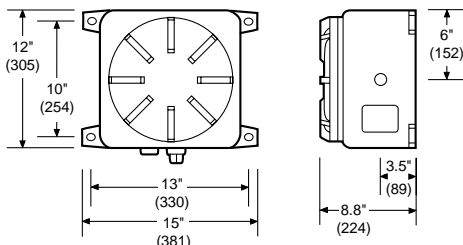
Example: ZX614N TD1

Family	Voltage <sup>3</sup>	Options
6V lead-calcium ZX685 85 watts <sup>1</sup>	(blank) 120/277	KLD Key lock two-way, battery disconnect for servicing TD1 Time delay 120 VAC TD2 Time delay 277 VAC DRH1 12V, 12W Directional head <sup>4</sup> DRH2 Two 12V, 12W Directional heads <sup>4</sup>
6V nickel-cadmium ZX614N 14 watts <sup>2</sup> ZX628N 28 watts		
12V nickel-cadmium <sup>1</sup> ZX1250N 50 watts		

- NOTES:
- 1 Incandescent emergency lamp operation only.
  - 2 Compatible only with ELA ZX remotes using 7W compact fluorescent lamps. Will not operate incandescent lamps. Maximum remote mounting distance is 8'.
  - 3 Some special voltages available. Consult factory.
  - 4 Must be used with ZX1250N unit.

ELECTRICAL APPLICATION DATA					
DC Volts	Unit	Watts to 87½ of Rated Voltage			
		1 ½ hrs.	2hrs.	4hrs.	8hrs.
6	ZX614N	14	10.5	6.75	-
	ZX628N	28	22.5	14.4	-
	ZX685	85	63.75	40.8	14.5
12	ZX1250N	50	37.5	24	8.5

All dimensions are in inches (millimeters).  
Shipping weight: ZX614N - 63 lbs. (28 kgs.)  
ZX628N - 65 lbs. (29 kgs.)  
ZX1250N - 67 lbs. (30 kgs.)  
ZX685 - 69 lbs. (31 kgs.)



## Explosion-Proof Remote Units

### Catalog Number

Example: ELA ZX H0706 WM

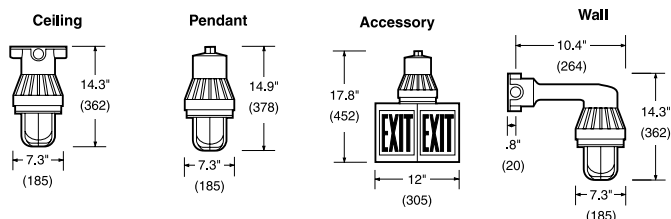
Family	Fixture	Lamp type	Mounting
ELA	ZX Explosion-proof	<u>Emergency only, incandescent</u> H0706 7W/6V halogen H1006 10W/6V halogen H1206 12W/6V halogen H1212 12W/12V halogen <u>AC / emergency operation</u> CF0706 7W compact fluorescent <sup>1</sup>	WM Wall mount PM Pendant mount TM Top mount

- NOTES:
- 1 Operates only with ZX614N power pack in AC and emergency modes. Maximum mounting distance from ZX 614N is 8'. See specification sheet UE-296 for details.
- All dimensions are in inches (millimeters).  
Shipping weight: 15 lbs. (7 kgs.)

### Accessories

(order separately)

Cat. No.	Description
ELA 3CH	3-way explosion-proof 3/4" conduit hub.
ELA SEA	Swivel elbow arm for use with pendant-mount fixture to connect to ELA 3CH or ELA ZX unit.
ELA EAK	Exit accessory kit (red silk-screened letters on white background).
ELA SDR	Straight dome reflector.



# Extreme<sup>®</sup>

## ZX – Class I, Div. I Explosion-Proof Units



### Features

Copper-free cast-aluminum enclosure with-stands explosions generated by internal arc without propagating them into hazardous atmosphere.

Suitable for use in Class I, Div. I, Groups C & D, Zones 0, 1, & 2, Groups IIA, IIB + H<sub>2</sub> & IIC; Class I, Div. 2, Groups C & D, Zone 2, Groups IIA, IIB + H<sub>2</sub> & IIC; Class II, Div. 1, Groups E, F & G; Class I, Div. 2, Groups F & G and Class III hazardous location areas.

UL listed.

## ELA ZX – Class I, Div. I Explosion-Proof Remotes



### Features

Copper-free cast-aluminum enclosure with-stands pressure of explosions generated by internal arc without propagating them into hazardous atmosphere. Enclosure has corrosion-resistant, epoxy powder coat finish. Includes high-impact, heat-resistant globe with cast aluminum globe guard.

Top and wall mount fixtures have a universal junction box with four tapped holes for 3/4" rigid conduit (three close-up plugs provided.)  
UL listed. Meets UL 924 and 844 illumination standards.

Suitable for use in Class I, Div. 1, Groups C & D, Zones 0, 1 & 2, Groups IIA, IIB + H<sub>2</sub> & IIC; Class I, Div. 2, Groups C & D, Zone 2, Groups IIA, IIB + H<sub>2</sub> & IIC; Class II, Div. 1, Groups E, F & G; Class I, Div. 2, Groups F & G and Class III hazardous location areas.

### SPECIFICATIONS

#### CONSTRUCTION

- Copper-free cast-aluminum enclosure withstands explosions generated by internal arc without propagating them into the hazardous atmosphere.
- Suitable for use in Class I, Div. I, Groups C & D, Zones 0, 1 & 2, Groups IIA, IIB + H<sub>2</sub> & IIC; Class I, Div. 2, Groups C & D, Zone 2, Groups IIA, IIB + H<sub>2</sub> & IIC; Class II, Div.1, Groups E, F & G; Class I, Div. 2, Groups F & G and Class III hazardous location areas.
- Enclosure and cover constructed separately. Threaded cover allows easy attachment or removal. Enclosure has three threaded openings for 3/4" rigid conduit — one for AC input and two for mounting hazardous fixtures.
- With the exception of the DRH option, all lamps heads and remotes must be ordered and shipped separately. See **spec sheet UE-297** for more details.

#### BATTERY

- Choice of sealed, maintenance-free nickel-cadmium battery or sealed, maintenance-free lead-calcium battery.
- 90-minute emergency operation at full light output.

#### ELECTRONICS

- 120/277 VAC dual-voltage input with surge-protected, solid-state charging circuitry.
- Low-voltage disconnect (LVD) feature disconnects battery prior to unacceptable deep discharge, but not before required 90-minute emergency operation.
- AC lockout feature prevents battery drain prior to energizing of utility power. Wiring and electrical connections can be completed without energizing the emergency circuit.
- Brownout protection circuitry automatically switches unit into emergency mode if utility voltage drops below 20% of nominal.
- Battery charging circuitry utilizes constant-current charger for nickel-cadmium battery units. Fully automatic, voltage-regulated charger used for lead-calcium battery units. Battery recharge time after full discharge less than required by UL 924 standard.

#### CODES

- UL listed. Meets UL 924, 844, 1203, 1604, NFPA 70, NFPA 101, NEC and OSHA illumination standards.

#### WARRANTY

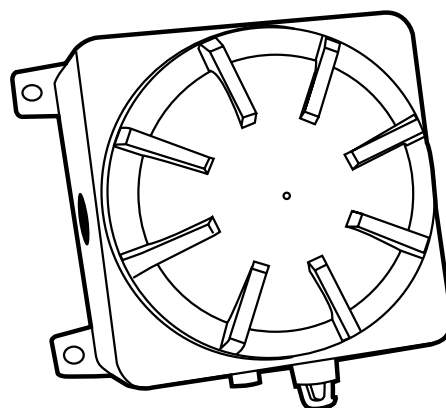
- Three-year total customer satisfaction warranty. For details, see Product Selection Guide.

# EXTREME

Explosion-proof Emergency Lighting Units

## ZX

6 and 12 Volts, 14 to 85 Watts



### ORDERING INFORMATION

Example: ZX614N TD1

Family	Voltage <sup>3</sup>	Options
<b>6V, lead-calcium</b> ZX685 85 watts <sup>1</sup>	(blank) 120/277	<b>KLD</b> Key lock two-way, battery disconnect for servicing
<b>6V, nickel-cadmium</b> ZX614N 14 watts <sup>2</sup> ZX628N 28 watts		<b>TD1</b> Time delay 120 VAC <b>TD2</b> Time delay 277 VAC
<b>12V, nickel-cadmium<sup>1</sup></b> ZX1250N 50 watts		<b>DRH</b> 12V, 12W Directional head <sup>4</sup>

#### NOTES:

- 1 Incandescent emergency lamp operation only.
- 2 Compatible only with ELA ZX remotes (spec sheet UE-297) using 7 watt compact fluorescent lamps. Will not operate incandescent lamps. Maximum remote mounting distance is 8'.
- 3 Some special voltages available. Consult factory.
- 4 Must be used with ZX1250N unit.

### ZX Explosion-proof Emergency Lighting Units

#### SPECIFICATIONS

##### ELECTRICAL

120 VAC - .50 amps, 60 watts  
277 VAC - .22 amps, 60 watts

##### OPERATION

DC Voltage	Unit	Watts to 87½ of Rated Voltage				
		1 ½ hrs.	2hrs.	4hrs.	8hrs.	
6	ZX614N	14	10.5	6.75	-	
	ZX628N	28	22.5	14.4	-	
	ZX685	85	63.75	40.8	14.5	
12	ZX1250N	50	37.5	24	8.5	

##### BATTERY

###### Lead-Calcium

Voltage	Shelf Life <sup>1</sup>	Expected Life <sup>1</sup>	Maintenance	Optimum Temperature <sup>2</sup>
6	6 Months	5-8 years	none <sup>3</sup>	60°F-90°F (16°C-32°C)

###### Nickel-Cadmium

Voltage	Shelf Life <sup>1</sup>	Expected Life <sup>1</sup>	Maintenance	Optimum Temperature <sup>2</sup>
6 and 12	3 years	7-9 years	none <sup>3</sup>	32°F-100°F (0°C-37.8°C)

1 At 77°F (25°C).

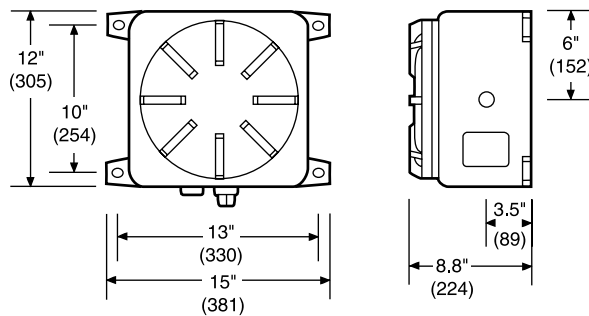
2 Optimum ambient temperature range where unit will provide capacity for 30 to 90 minutes. Higher and lower temperatures affect life and capacity. Consult factory for detailed information.

3 Periodic system status test recommended.

#### DIMENSIONS

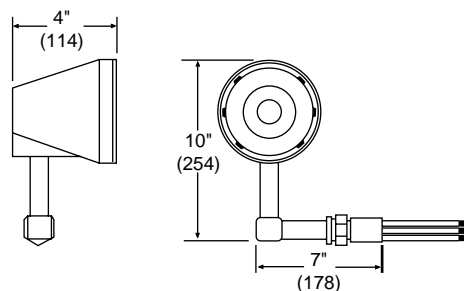
All dimensions are in inches (millimeters).

Shipping weight: ZX614N - 63 lbs. (28 kgs.)  
ZX628N - 65 lbs. (29 kgs.)  
ZX1250N - 67 lbs. (30 kgs.)  
ZX685- 69 lbs. (31 kgs.)



Includes clearance holes for mounting with 1/2" bolts.

#### DRH Option



### SPECIFICATIONS

#### CONSTRUCTION

- Copper-free cast-aluminum enclosure withstands pressure of explosions generated by internal arc without propagating them into the hazardous atmosphere. Enclosure has corrosion resistant, epoxy powder coat finish.
- Includes high-impact, heat-resistant globe with cast aluminum globe guard.
- Top and wall mount fixtures have a universal junction box with four tapped holes for 3/4" rigid conduit (three close-up plugs provided.)
- Pendant mount fixture has 3/4" top hub.
- Choose from a variety of halogen lamps. Seven watt compact fluorescent lamps also available.

#### CODES

- UL listed. Meets UL 924 and 844 illumination standards.
- Suitable for use in Class I, Div. 1, Groups C & D, Zones 0, 1 & 2, Groups IIA, IIB + H<sub>2</sub> & IIC; Class I, Div. 2, Groups C & D, Zone 2, Groups IIA, IIB + H<sub>2</sub> & IIC; Class II, Div. 1, Groups E, F & G; Class I, Div. 2, Groups F & G and Class III hazardous location areas.

#### WARRANTY

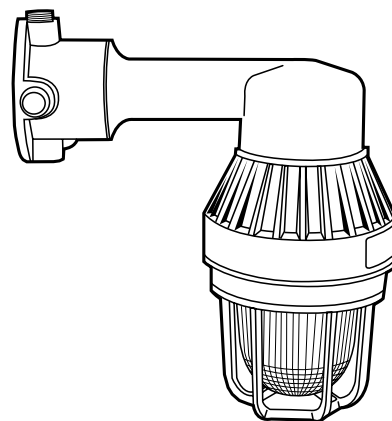
- Three-year total customer satisfaction warranty. For details, see Product Selection Guide.

# EXTREME

Emergency Lighting

## ELA ZX

Hazardous Location Fixtures  
for use with ZX Family



### ORDERING INFORMATION

Example: ELA ZX H0706 WM

Family	Fixture	Lamp type	Mounting
ELA	ZX Explosion-proof	<u>Emergency only, incandescent</u> H0706 7W/6V halogen H1006 10W/6V halogen H1206 12W/6V halogen H1212 12W/12V halogen  <u>AC / emergency operation</u> CF0706 7W compact fluorescent <sup>1</sup>	WM Wall mount PM Pendant mount TM Top mount

#### Accessories

Order as a separate item

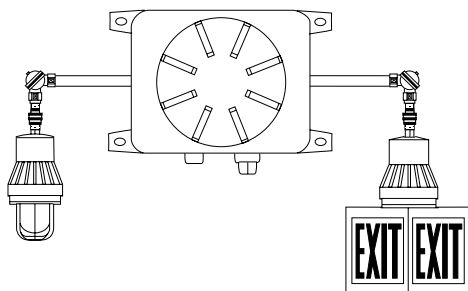
- ELA 3CH 3-way explosion-proof 3/4" conduit hub
- ELA SEA Swivel elbow arm for use with pendant mount fixture to connect to ELA 3CH or ELA ZX unit
- ELA EAK Exit accessory kit (red silk-screened letters on a white background)
- ELA SDR Straight dome reflector

#### NOTES:

- 1 Only operates with ZX614N power pack in AC and emergency modes. The maximum mounting distance from the ZX 614N is 8". See spec sheet UE-296 for more details.

### ELA ZX Hazardous Location Fixtures For Use With ZX Family

#### SAMPLE APPLICATION



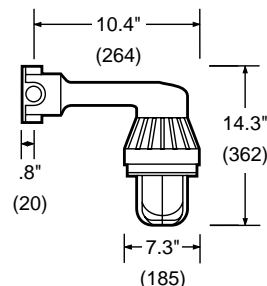
The above sample application consists of:

- (1) ZX614N - 14 watt power pack for exclusive use with compact fluorescent fixtures
- (2) ELA SEA - Elbow arms
- (2) ELA ZX H0706 P- 7 watt compact fluorescent lamp fixture
- (1) ELA EAK - 7 watt compact fluorescent lamp fixture with exit accessory

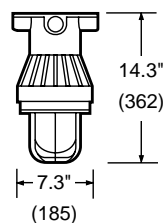
#### DIMENSIONS

All dimensions are in inches (millimeters).  
Shipping weight: 15 lbs. (7 kgs.)

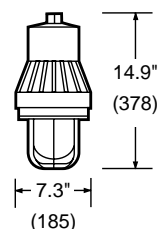
##### Wall Mount



##### Top Mount



##### Pendant Mount



##### ELA EAK (accessory)

