

 IK10 Rated  
Vandal  
Resistant

 Highest  
Reliability

 Hybrid EM  
Technology

 IP Rated

 10 Year  
Warranty

 Easy  
Installation

 Mounting  
Options

## Features

### OPTICAL LIGHTING SYSTEM

160 degree viewing angle LED Light engine for ultra wide distribution

**Output:** 560 Delivered Lumens

### ADJUSTABLE SIDE LIGHT

Optional actuating side light engine for lighting egress paths or exit sign notifications.

### MATERIALS

- .187 thick extruded aluminum
- IP65 enclosure housing

### LED EMERGENCY DRIVER SYSTEM

- Self diagnostic emergency system
- Automatically conducts required monthly and annual testing per UL924/NFPA 101
- Heating and temperature control system protects the battery from freezing
- Operating temperature: -20°F to 130°F
- **Battery Options:** Nickel Cadmium, Lithium Iron Phosphate. 12 hour trickle charge, 4 hour minimum discharge at all rated temperatures.
- **Input Voltage for battery charger:** 120VAC, 60HZ. Input Voltage for 3rd rail operation: 200-1500VDC Optional Dali Control for reporting failed batteries and failed light engine arrays

### FINISH

Standard colors are Black Steel, Gunmetal, Platinum, Grey, Matte White and Apogee Silver. Custom RAL colors are available.

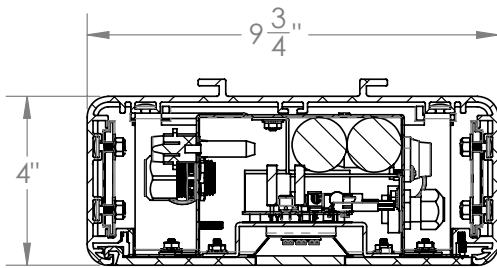
### CERTIFICATIONS

- IBEW (local 3) Union-Made in the USA.
- IP65 Rated. IK10 Rated.
- Contains UL 924 Recognized LED Driver, Model Hybrid EM, UL File #E472487
- US Patents: #8,814,376 and #9,638,398

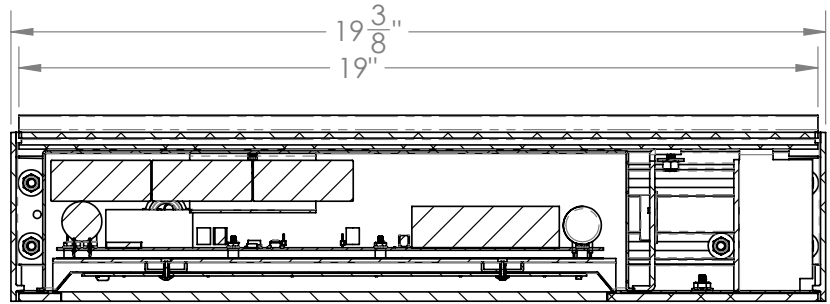


**Technical Drawings**

**DOWNLIGHT FIXTURE**

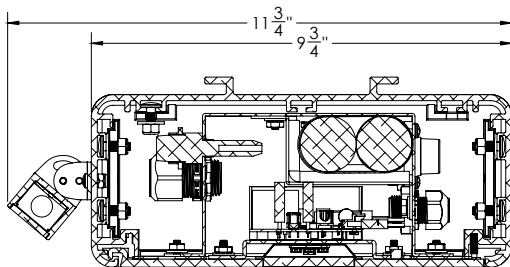


CROSS SECTION

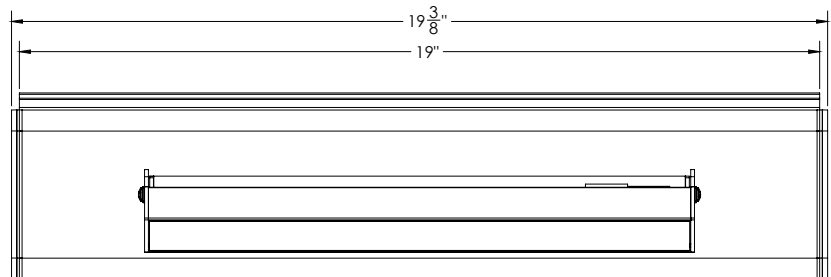


LONGITUDINAL VIEW

**SIDELIGHT FIXTURE**



SECTION A-A



**ORDERING INFORMATION SERIES 99EM**

SERIES	MOUNTING	VOLTAGE	FINISH	OPTIONS	OPTIONAL TAMPER RESISTANT HARDWARE
99EM	<b>SM</b> - Surface Mounting Clamp	<b>1</b> - 120V	<b>AL</b> - Aluminum	<b>TPH</b> - Tamper Proof Hardware	<b>T</b> - Torx (T15 std)
	<b>PM</b> - Pendant Mounting Clamp	<b>2</b> - 277V	<b>WH</b> - White		<b>SP</b> - Spanner
	<b>PMK</b> - Pendant Mounting Kit		<b>RAL</b> - Custom		<b>H</b> - Hex pin
	<b>CM90</b> - 90° Wall Mounting Clamp		<b>RAL number</b> (consult factory)		<b>TP</b> - Torx plus
	<b>CM45</b> - 45° Wall Mounting Clamp				<b>SL</b> - Optional Side Light Actuating module

Sample Number: 99EM-PM-1-WH-TPH-H

