

 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

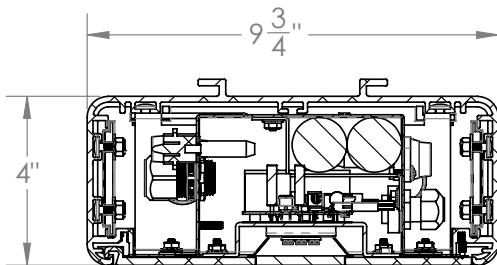
- IBEW (local 3) Union-Made in the USA.
- IP65 Rated. IK10 Rated.
- Contains UL 924 Recognized LED Driver, Model Hybrid EM, UL File #E472487
- US Patents: #8,814,376 and #9,638,398

APOGEE LIGHTING

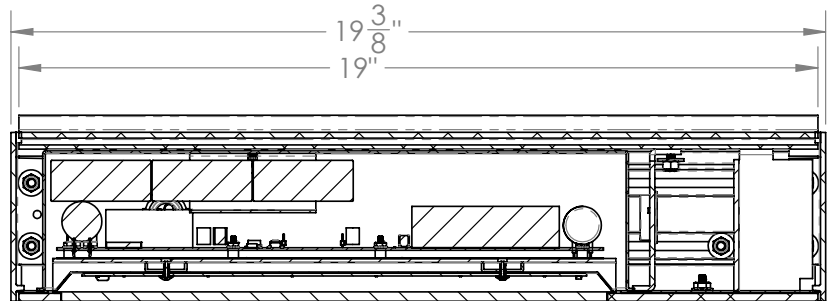


Technical Drawings

DOWNLIGHT FIXTURE

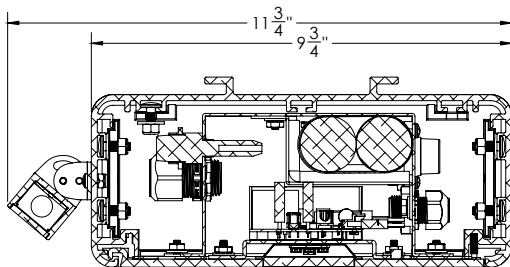


CROSS SECTION

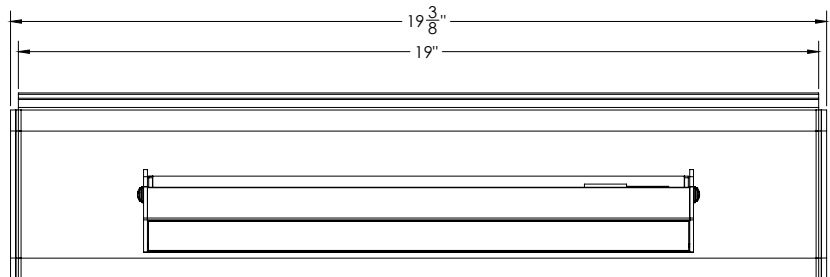


LONGITUDINAL VIEW

SIDELIGHT FIXTURE



SECTION A-A



ORDERING INFORMATION SERIES 99EM

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

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

