

Project:	
Type:	
Catalog # :	

FME Lighting | 877 - 234 - 8460 | info@fmelighting.com



## SPECIFICATIONS

### ILLUMINATION

Long lasting, efficient, ultra bright white LED lamp heads.  
1W (8 LEDs x 0.125 watt) per head.  
High performance chrome-plated metallized reflector and plastic lens for optimal light distribution.  
Adjustable LED lamp heads provide optimal center-to-center spacing. High-lumen option available for increased center-to-center spacing.

### ELECTRICAL

Dual 120/277 voltage standard. Optional 120/347V (for Canada) and multi-tap 208/220/240 voltage available.  
Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing.  
3.6V long life, maintenance-free, rechargeable NiCd battery.  
Internal solid-state transfer switch automatically connects the internal battery to LED lamp heads for minimum 90-minute emergency illumination.  
Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.

### MOUNTING

Surface mount via easy connect back plate, which fits most standard junction boxes and snaps into place making internal electrical connections.  
Suitable for wall or ceiling mount.  
Knockout for conduit applications.

### HOUSING

Injection-molded, engineering grade, 5VA flame retardant, high-impact resistant, thermoplastic in white or black finish.

### WARRANTY / LISTING

Five year warranty on all electronics and housing. Batteries pro rated for five years.  
UL (standard)/CSA (optional) listed for damp locations (0°C - 50°C).  
Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.

## OPTIONS

**SDT:** Self-diagnostic feature performs monthly, biannual, and annual tests to ensure reliable operation and meet electrical and life safety codes.

**HL:** 12-LEDs per head provide increased center-to-center spacing.

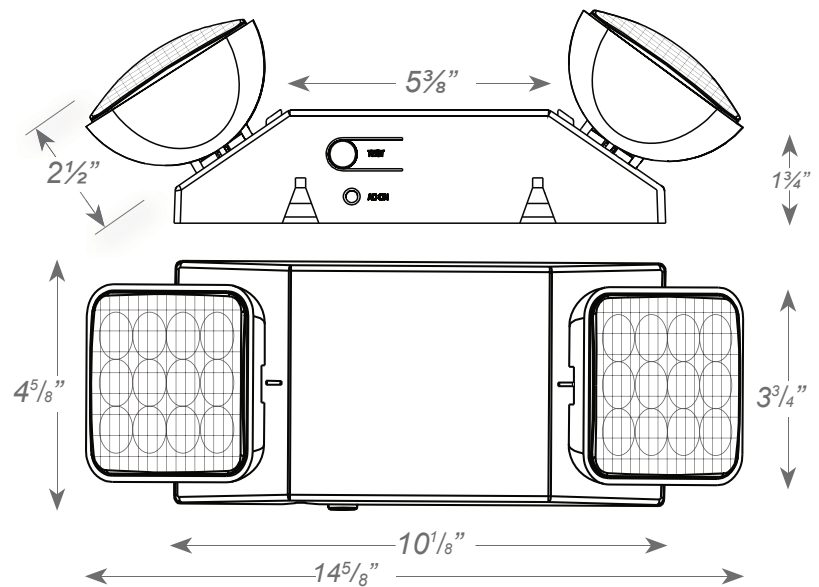
**SPV:** UL Listed for special voltage option.

**CSA:** Tested to meet requirements of CSA C22.2 No. 141.10 standard for emergency lighting equipment.

**CEC:** Certified to CEC under Title 20

**BAA:** Substantial transformation assembly in U.S. complies with "Assembled in USA" under the Buy American Act.

## DIMENSIONS



## ORDERING INFORMATION

### ORDERING GUIDE

Series	Color	Options
SOC-EM	W = White B = Black	SDT = Self-diagnostics SPV = 208/220/240 Volt, 50/60Hz* HL = High-Lumen CSA = 120/347V, 60Hz CEC = Title 20 Compliant** BAA = Assembled in USA

\*Not available with SDT options.

\*\*Not available with SPV or CSA options.

### ELECTRICAL INFORMATION

PART NUMBER	INPUT WATTS (W)						INPUT AMPS (A)					
	120V	277V	347V	208V	220V	240V	120V	277V	347V	208V	220V	240V
SOC-EM	1.8	1.8	-	2.6	3.5	3.1	0.022	0.010	-	0.024	0.029	0.025
SOC-EM SDT	1.6	1.6	-	-	-	-	0.020	0.010	-	-	-	-
SOC-EM-CSA	2.0	-	2.0	-	-	-	0.023	-	0.008	-	-	-

### CENTER-TO-CENTER SPACING GUIDELINES

*For reference only.*

**UNIT  
LOCATION**  
*LIGHT SOURCE*

1	0.2	0.3	0.5	0.4	0.4	0.5	0.6	0.8	1.0	0.8	0.9	0.8	0.4	0.2	0.2
2	0.3	0.5	0.7	0.8	0.9	0.8	0.9	1.0	1.1	1.4	1.1	0.8	0.5	0.3	0.2
3	0.4	0.7	1.0	1.0	1.1	1.1	1.1	1.3	1.4	1.1	0.9	0.9	0.7	0.5	0.2
4	0.5	0.7	0.9	1.1	1.2	1.2	1.0	1.1	1.1	1.0	1.1	0.8	0.6	0.3	0.2
5	0.5	0.7	0.8	0.8	1.0	1.1	0.8	0.8	1.0	0.9	0.6	0.5	0.4	0.3	0.2
6	0.4	0.5	0.7	0.7	0.8	0.8	0.6	0.5	0.6	0.5	0.4	0.4	0.3	0.2	0.2
7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8

*Meets NFPA 101 Requirements for: 10' center-to-center spacing - 3' path of egress 1' from wall - 7 1/2' mounting height.*