



CRN4-50K45-EM



### Description

CRN4 corner light fixtures feature an all-in-one design that fits a wide range of residential, commercial, and industrial environments. The curved lens diffuses light, producing a uniform 120° beam angle. The pre-installed battery backup on “-EM” model provides illumination during emergency situations. Ideal for replacing older lighting or for new construction applications such as hallways, stairwells, and other indoor pathways.

### Mechanical/Construction

- Steel housing and polycarbonate lens
- 1/2” trade size knockouts

### Electrical

- 120–277 VAC input
- 0–10 V dimming

### Photometrics

- 120° beam angle
- 120 lm/W (normal operation only)

### CRN4-50K45-EM Specific Specifications

- LiFePO4 backup battery for a minimum of 90 minutes of emergency operation
- 900 lm of emergency lighting

### CRN4-SW3C-SP55 Specific Specifications

- Selectable wattage (55W / 45 W / 35 W)
- Selectable CCT (3500K / 4000K / 5000K)

### Warranty<sup>2</sup>

Five (5) Year Warranty

Project \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_

### Available Models<sup>1</sup>

Battery Backup Equipped

Selectable Wattage/CCT

☐ CRN4-50K45-EM

☐ CRN4-SW3C-SP55

### Part Number Breakdown

Example: CRN4-50K45-EM

Family	CCT	Wattage	Battery Backup
CRN4	50K [5000K]	45 [45 W]	EM [emergency battery]
	SW3C [selectable]	SP55 [selectable]	blank [no backup]

### Application

Mounts in stairways and hallways to provide even, high quality lighting for optimal safety. The pre-installed battery backup on “-EM” models also provides 90 minutes or more of illumination if supply power is cut, ensuring exit routes will be lit in emergency situations as well.

### Certifications and Compliances

CRN4-50K45-EM model is DesignLights Consortium listed as DLC 5.1 Premium and CRN4-SW3C-SP55 is DLC 5.1 Standard. They are both Certified by UL and rated as being suitable for damp locations.



### Product Page QR Code



T 314.743.3067

F 314.972.6202

email: commercial-sales@superbrightleds.com

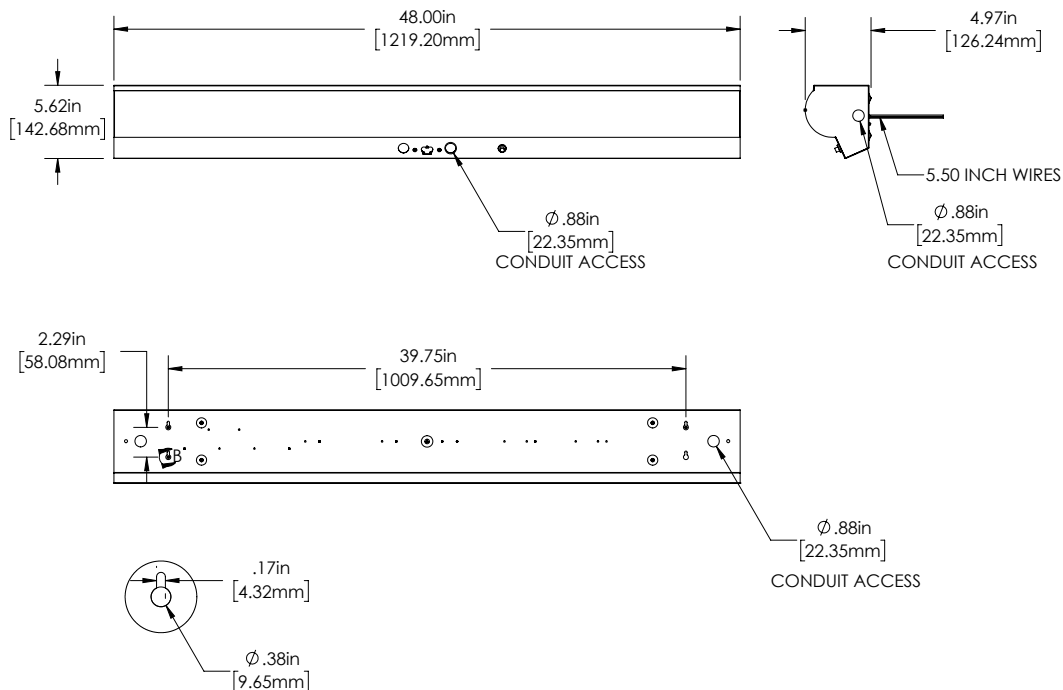
www.superbrightleds.com/cat/industrial-led-lighting/

<sup>1</sup>Contact customer service if interested in options other than those listed

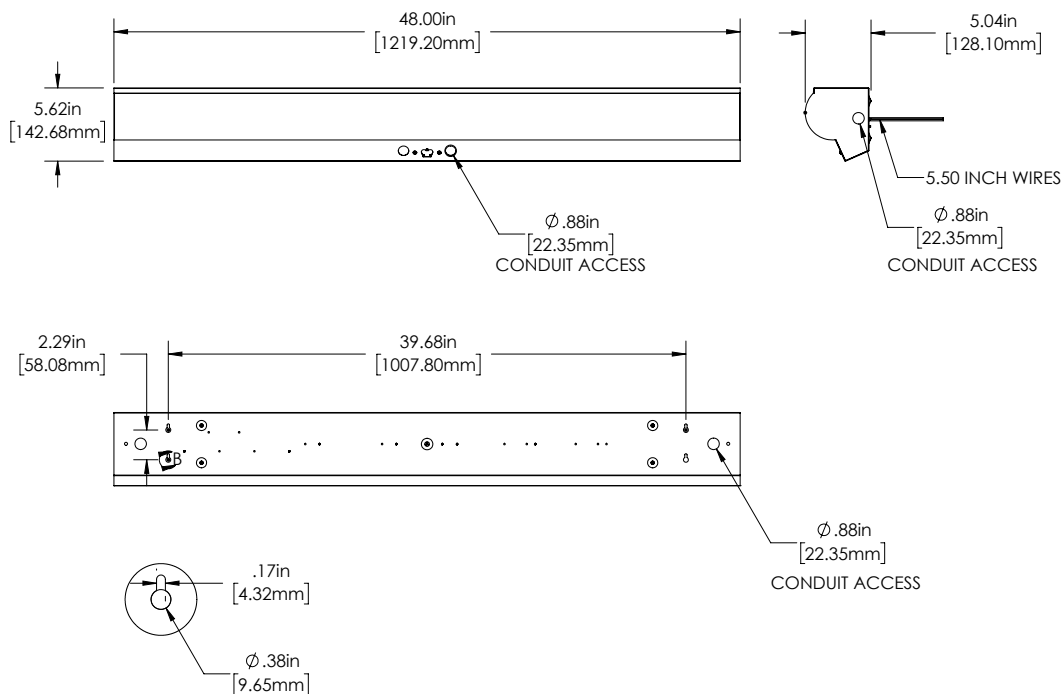
<sup>2</sup>Two (2) year limited warranty on battery

### Dimensional Drawings

#### CRN4-50K45-EM



#### CRN4-SW3C-SP55



# CRN4 Series

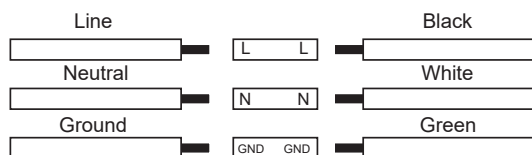
## LED Corner Light Specifications

### Specifications

Model	CRN4-50K45-EM	CRN4-SW3C-SP55
Intensity	5,400 lm (normal operation) 900 lm (emergency mode)	6,600 lm (55 W), 5,400 lm (45 W) 4,200 lm (35 W)
Operating Voltage	120–277 VAC	
Power Consumption	45 W	selectable (55 W / 45 W / 35 W)
Current Draw	375 mA @ 120 VAC 162 mA @ 277 VAC	458 / 375 / 292 mA @ 120 VAC 199 / 162 / 126 mA @ 277 VAC
Efficacy	120 lm/W (normal operation)	120 lm/W
Color Temperature	5000K	selectable (3500K / 4000K / 5000K)
Beam Angle	120°	
CRI	80+	
Power Factor	≥0.9	
Dimming	0–10 V	
Environmental Ratings	IP20, indoor use only	
Ambient Operating Temperature	32°–122° F (0°–50° C)	-4°–122° F (-20°–50° C)
Rated Life (L70)	100,000 hours	100,000 hours
Emergency Duration	90 minutes	N/A

### Wiring Diagram

#### 120–277 VAC Input



#### 0–10 V Dimming

