

# L1319CB

## Hazardous Location LED Lighting (Battery Backup)

4FT

Double Battery Backup

Zone  
2

Zone  
21

Zone  
22

IP67

NEMA  
6

### Protection

- Ex nR IIC T4...T5 Gc
- Ex tb IIIC T110°C...T95°C Db
- Ⓜ II 3 G Ex nR IIC T4...T5 Gc
- Ⓜ II 2 D Ex tb IIIC T110°C...T95°C Db

### Standards

IEC 60079-0  
IEC 60079-15  
IEC 60079-31  
EN IEC 60079-0  
EN IEC 60079-15  
EN 60079-31

Net Weight: 2ft-10.3 kg (22.7 lb) / 4ft-16.3 kg (35.9 lb)  
4ft(Double Battery)-21.5 kg (47.4 lb)

## Technical Data

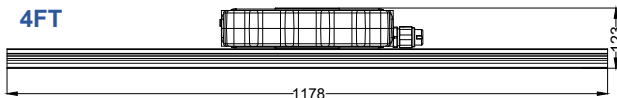
	2FT	4FT
Rated Voltage (±10%)	100 / 110 / 120 / 200 / 220 / 230 / 277 Vac	
Total System Power Consumption (±10%) (LED Watt.)	70W (50W) / 80W (60W) 90W (70W) / 100W (80W)	100W (80W) / 120W (100W) 180W (160W) / 210W (190W)
Amps	0.25A~1.00A	0.36A~2.10A
Rated Voltage (±10%)	100 ~ 277 Vac	
Total System Power Consumption (±10%) (LED Watt.)	60W (40W)	120W (80W) (Double Battery Backup)
Amps	0.22A~0.60A	0.43A~1.20A

Battery Backup (Panasonic Battery)	<ul style="list-style-type: none"> <li>• Charging time: 48 hours</li> <li>• Emergency mode illumination: 120 minutes</li> <li>• Emergency mode output wattage: 40W (Single Battery Backup)</li> </ul>
Color of LED Light	Warm White, Cool White
Ambient Temperature	-20°C ~ +40°C, T5 / -20°C ~ +55°C, T4
Power Factor	cos ≥ 0.9
CRI	Cool White ≥ 70 / Warm White ≥ 80
Lm / W (±10%)	Cool White ≥ 130lm / Warm White ≥ 120lm
Beam Angle	X-116° / Y-114°
Frequency	50 / 60 Hz
Degree of Protection	IP67 / NEMA 6
Material	<ul style="list-style-type: none"> <li>• Enclosure: Aluminum alloy</li> <li>• Glass: Tempered glass</li> </ul>
LED Service Life	60,000 hrs
Entrance Thread	M25

2FT



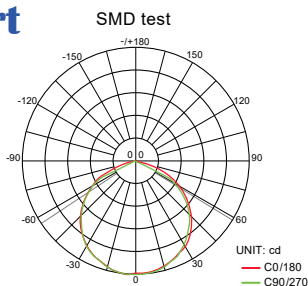
4FT



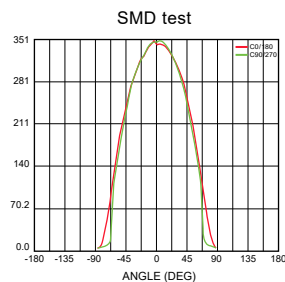
Dimension in Millimeters (inches)

## Optical Report

Polar Luminous  
Intensity Distribution



Luminous  
Intensity Distribution Diagram



## Model Code

THT	H	1319	C	C	H	C	H	L0	WHT
			①			②	③	④	⑤

### ① Length & Glass type

C=2ft, clear glass  
E=2ft, matted glass  
D=4ft, clear glass  
F=4ft, matted glass

### ② C.C.T.

C=Cool White  
W=Warm White

### ③ Voltage

4=100V, 1=110V, 6=120V, 5=200V,  
2=220V, D=230V, 9=277V  
H=100~277V

### ④ Wattage

F0=60W, G0=70W, H0=80W, I0=90W,  
J0=100W, L0=120W, S0=180W, V0=210W

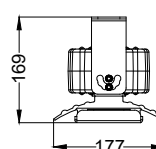
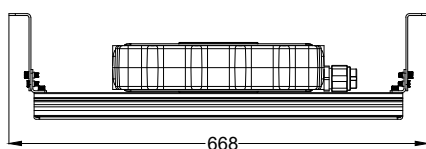
### ⑤ Mounting Bracket Type

WHT=Wall / Hanging Mount  
SL=Street Light

## Mounting Option & Dimensions (All in mm)

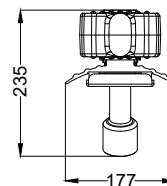
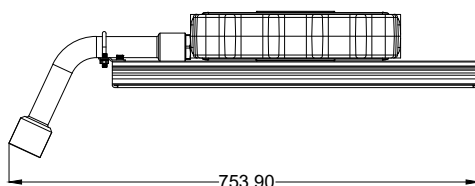
### 2FT

Wall / Hanging Mount (WHT)



10.8 kg (23.8 lb)

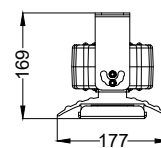
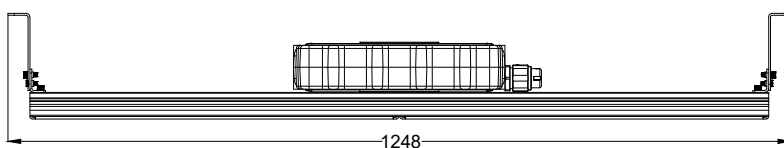
Street Light (SL)



13.3 kg (29.3 lb)

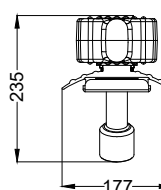
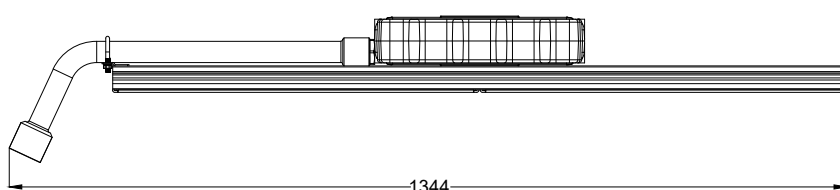
### 4FT

Wall / Hanging Mount (WHT)



16.8 kg (37.0 lb)

Street Light (SL)



20.6 kg (45.4 lb)