

# L1719

## Universal Explosion-proof LED Lighting

Zone  
2

Zone  
21

Zone  
22

IP67

NEMA  
6



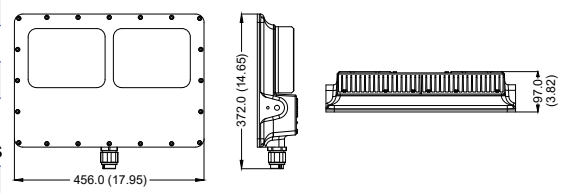
Protection	Standards
• Ex nR IIC T4...T5 Gc	IEC 60079-0
• Ex tb IIIC T120°C...T95°C Db	IEC 60079-15
• Ex II 3 G Ex nR IIC T4...T5 Gc	IEC 60079-31
• Ex II 2 D Ex tb IIIC T120°C...T95°C Db	EN 60079-0
	EN 60079-15
	EN 60079-31

Net Weight: 15 kg (33 lb)

### Technical Data

Rated Voltage (±10%)	110V / 120V / 220V / 277V / 347V / 480V AC						
Watts (±10%)	Rectangle SMD: 300W, Circle SMD: 240W / 280W / 300W						
Amps		110V	120V	220V	277V	347V	480V
	240W	2.18A	2.00A	1.09A	0.87A	0.69A	0.50A
	280W	2.55A	2.33A	1.27A	1.01A	0.81A	0.58A
	300W	2.73A	2.50A	1.36A	1.08A	0.86A	0.63A
Color of LED Light	Rectangle SMD: 2700K (Warm White) / 6500K (Cool White) Circle SMD: 3000K (Warm White) / 5000K (Cool White)						
Ambient Temperature	-20°C ~ +40°C, T5 / -20°C ~ +65°C, T4						
Power Factor	cos ≥ 0.9						
CRI	Cool White ≥ 70 / Warm White ≥ 80						
Lumen (±10%)	Rectangle SMD	300W		Circle SMD	240W	280W	300W
	2700K	31710lm		3000K	24984lm	28196lm	29880lm
	6500K	33780lm		5000K	28968lm	32760lm	34710lm
Beam Angle	X-110° / Y-110°						
Frequency	50 / 60 Hz						
Degree of Protection	IP67 / NEMA 6						
Material	• Enclosure	Aluminum Alloy					
	• Glass	Heat & Impact Resistant Tempered Glass					
LED Service Life	60,000 hrs						
Entrance Thread	1 x M25						

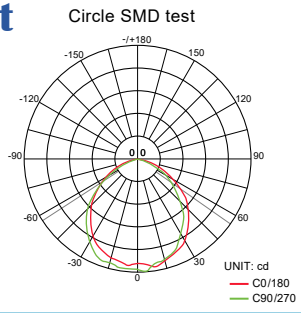
(Only Circle SMD)



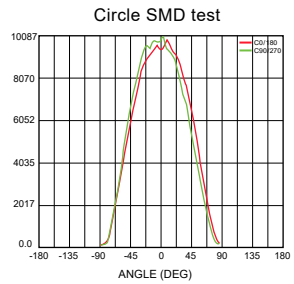
Dimension in Millimeters (inches)

### Optical Report

Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram



## Model Code

<b>THT</b>	<b>H</b>	<b>1719</b>	<b>A</b>	<b>N</b>	<b>H</b>	<b>C</b>	<b>9</b>	<b>30</b>	<b>WHT</b>
			①		②	③	④	⑤	⑥

**① Series Type**

A=200x70 LED module  
B=Ø180 LED module

**② Type of LED Module**

H=SMD LED (Rectangle)  
K=SMD LED (Circle)

**③ C.C.T.**

C=Cool White  
W=Warm White

**④ Voltage**

1=110V, 2=220V, 6=120V,  
9=277V, C=480V, F=347V

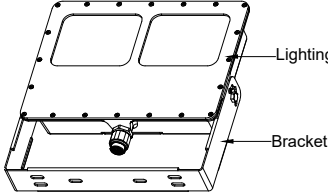
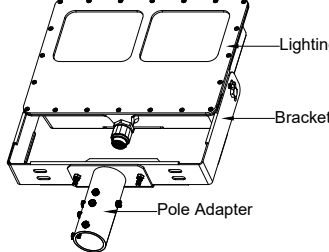

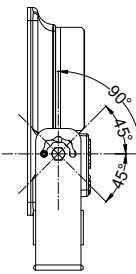
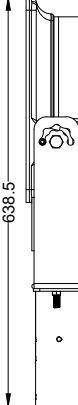
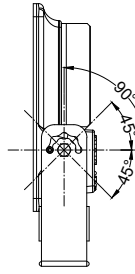
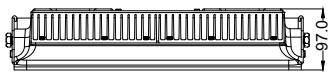
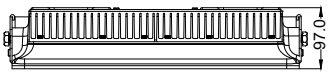
**⑤ Wattage**

Y0=240W  
28=280W  
30=300W

**⑥ Mounting Bracket Type**

WHT=Wall Mount / Ceiling Mount  
PA=Pole Adapter

## Mounting Option & Dimensions (All in mm)

Wall Mount / Ceiling Mount [WHT]	Pole Adapter [PA]
 <p>Lighting</p> <p>Bracket</p>	 <p>Lighting</p> <p>Bracket</p> <p>Pole Adapter</p>
  <p>Adjustable Angle Bracket Stand</p>	  <p>Adjustable Angle Bracket Stand</p>
 <p>16.7 kg (36.8 lb)</p>	 <p>19.1 kg (42.1 lb)</p>

### Applicable Area

- Oil Refinery Complex
- Petrochemical Complex
- Painting Facility
- Transporting Nature Gas
- Transporting Liquefied Petroleum Gas
- Offshore Platform (Oil and Natural Gas)