

L1918A

Luminaires For Use In Hazardous Locations

2 Windows



3 Windows



Protection

- Class I, Division 1
Group B, C, D

Standards

UL 844
UL 1598
CSA C22.2 No. 137

Net Weight:

2 windows: 9.8kg (21.6 lb) / 3 windows: 13.44kg (29.6 lb)

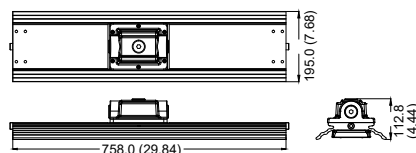


Technical Data

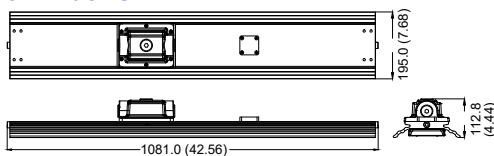
Size	Two Windows	Three Windows
Watt.(±10%)	60W / 80W	90W / 100W / 110W / 120W
Volt.(±10%)	110V / 120V / 220V / 230V / 277V AC	
Light Color	3000K(Warm White) / 5000K(Cool White) / Yellow Light (UV Cut)	
Lm / W (±10%)	Cool White ≥115lm/w, Warm White ≥105lm/w	

Amps	60W: 0.22A~0.55A, 80W: 0.29A~0.73A, 90W: 0.32A~0.82A 100W: 0.36A~0.91A, 110W: 0.40A~1.00A, 120W: 0.43A~1.09A	
Ambient Temperature	-20°C ~ +40°C, T5	
Power Factor	cos≥0.9	
CRI	Cool White≥70 / Warm White≥80	
Beam Angle	X-116° / Y-114°	
Frequency	50 / 60 Hz	
Degree of Protection	IP67 / NEMA 6	
Material	<ul style="list-style-type: none"> Enclosure: Aluminum Alloy Glass: Tempered Glass 	
LED Service Life	60,000 hrs	
Entrance Thread	1 x 3/4"	

2 Windows



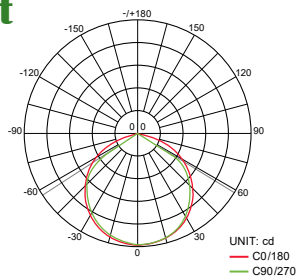
3 Windows



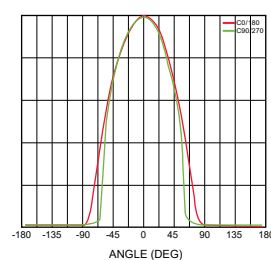
Dimension in Millimeters (inches)

Optical Report

Polar Luminous Intensity Distribution

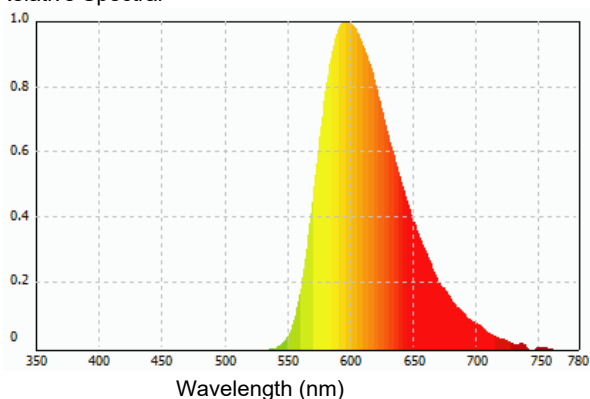


Luminous Intensity Distribution Diagram



Yellow Light - Spectral Distribution

Relative Spectral



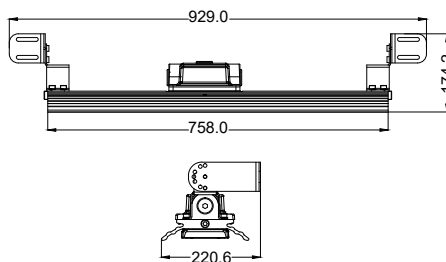
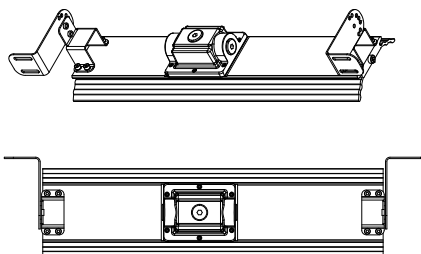
THT-EX Exposure Light can filter ultraviolet light with a wavelength below 500nm.

Suitable for places where photosensitive materials are stored: IC semiconductor electronics factories, LCD panel factories, R&D laboratories, clean rooms, etc.

Mounting Option & Dimensions (All in mm)

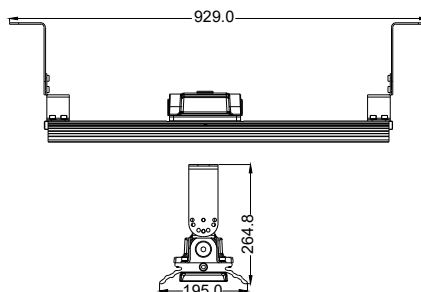
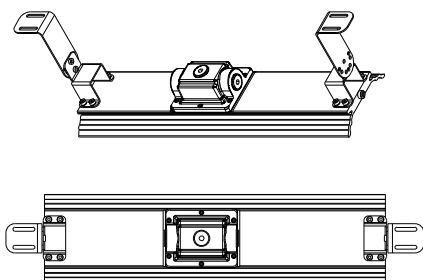
Two Windows

Wall Mount 90° [WHT(W90)]



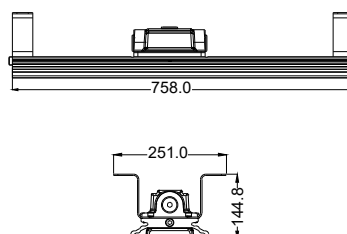
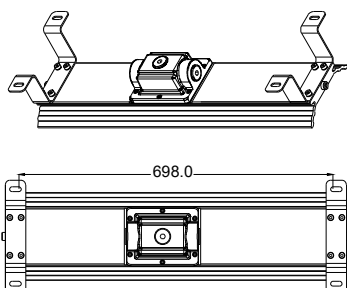
11.1kg (24.5 lb)

Hanging Mount 90° [WHT(H90)]



11.1kg (24.5 lb)

Ceiling Mount (C90)

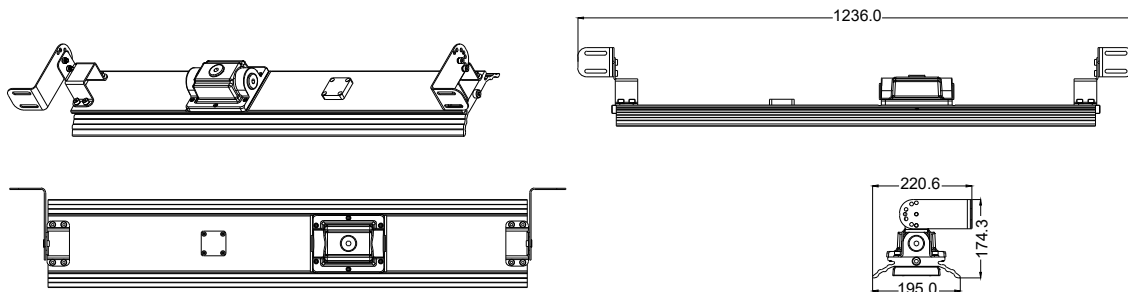


10.7kg (23.6 lb)

Mounting Option & Dimensions (All in mm)

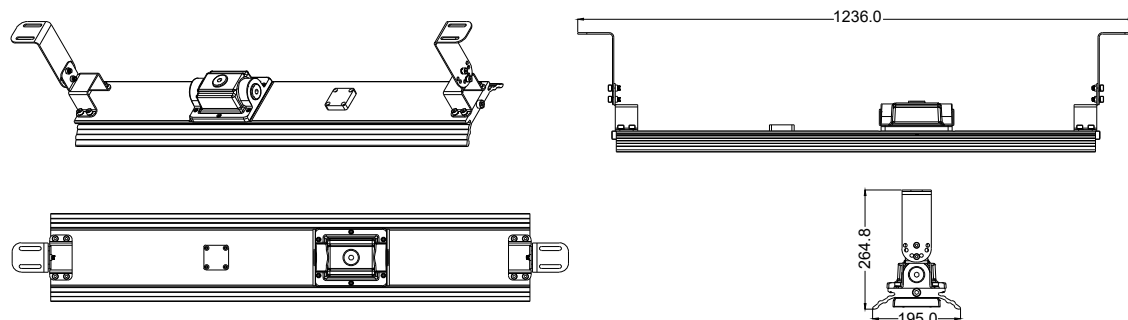
Three Windows

Wall Mount 90° [WHT(W90)]



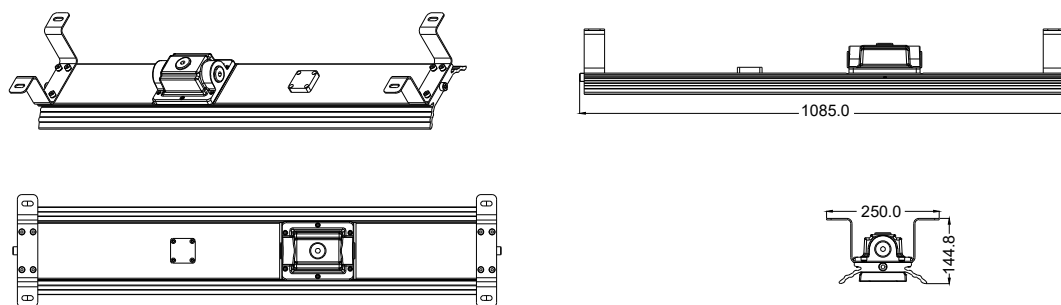
14.7kg (32.4 lb)

Hanging Mount 90° [WHT(H90)]



14.7kg (32.4 lb)

Ceiling Mount (C90)



14.3kg (31.5 lb)

Model Code

THT	E	1918	A	C	H	C	9	L0	2	WHT
						①	②	③	④	⑤

① C.C.T.

C=Cool white
W=Warm white
Y=Yellow light (UV CUT)

② Voltage

1=110V, 6=120V, 2=220V
D=230V, 9=277V

③ Wattage

F0=60W, H0=80W
I0=90W, J0=100W
K0=110W, L0=120W

④ Quantity of Windows

1=Two windows
2=Three windows

⑤ Mounting Bracket Type

WHT(W90)=Wall Mount 90°
WHT(H90)=Hanging Mount 90°
C90=Ceiling Mount