



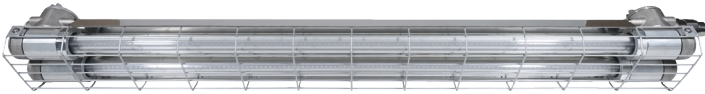
L2101

Luminaires For Use In Hazardous Locations

2ft-Dual Tubes



4ft-Dual Tubes



4ft-Single Tube



Protection

- Class I, Division 1 Group C, D
- Class II, Division 1 Group E, F, G

Standards

- UL 844
- UL 1598 Luminaires
- CSA C22.2 No. 137-18
- CSA C22.2 No. 250.0

Net Weight:
2ft-Single Tube:5.0kg (11.0 lb) / 4ft-Single Tube:7.7kg (16.9 lb)
2ft-Dual Tube:7.3kg (16.1 lb) / 4ft-Dual Tube:10.4kg (22.8 lb)

4ft- Dual Yellow Tubes



Technical Data

Explosion-proof LED Tube				
Size	2ft-Single Tube	4ft-Single Tube	2ft-Dual Tubes	4ft-Dual Tubes
Watt.(±10%)	9W	18W	18W	36W
Volt.(±10%)	100V-277V AC			
Light Color	Warm White / Natural White / Daylight / Cool White			
Lm / W (±10%)	≥100lm			

Yellow Tube Light				
Size	2ft-Single Tube	4ft-Single Tube	2ft-Dual Tubes	4ft-Dual Tubes
Watt.(±10%)	10W	20W	20W	40W
Volt.(±10%)	120V-277V AC			
Light Color	Yellow			

Amps	9W: 0.03A~0.09A, 10W: 0.04A~0.08A, 18W: 0.06A~0.18A, 20W: 0.07A~0.20A, 36W: 0.13A~0.36A, 40W: 0.14A~0.33A
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Ambient Temperature	-20°C ~ +40°C, T6
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Power Factor	cos≥0.9
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CRI	≥70 (Excluding Yellow Tube)
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Beam Angle	X-110° / Y-110°
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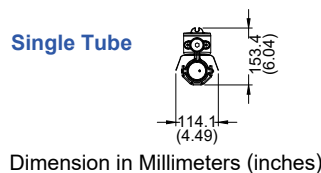
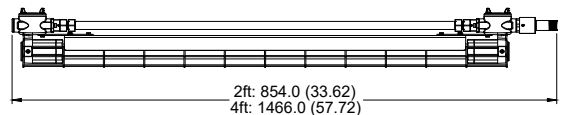
Frequency	50 / 60 Hz
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Degree of Protection	IP67 / NEMA 6
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Material	<ul style="list-style-type: none"> • Enclosure: Aluminum Alloy • Lighting Tube: Glass
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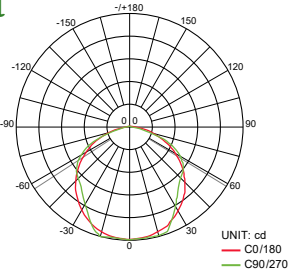
LED Service Life	60,000 hrs
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Entrance Thread	1 x M25
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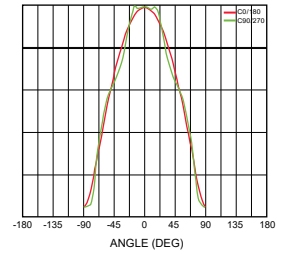


Optical Report

Polar Luminous Intensity Distribution

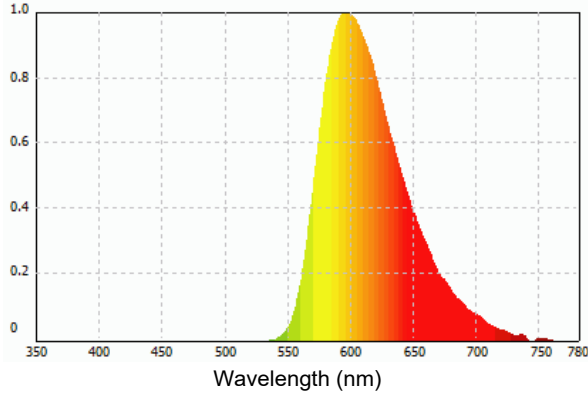


Luminous Intensity Distribution Diagram



Yellow Light - Spectral Distribution

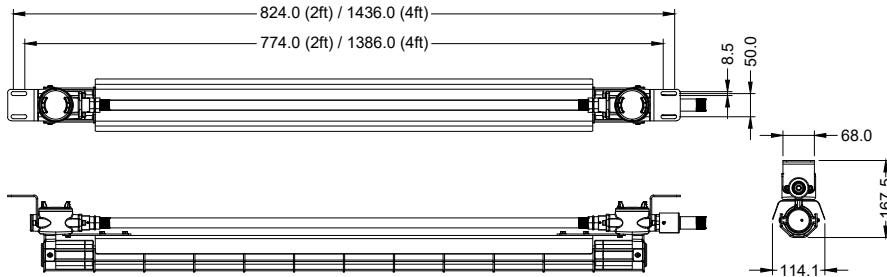
Relative Spectral



Mounting Option & Dimensions (All in mm)

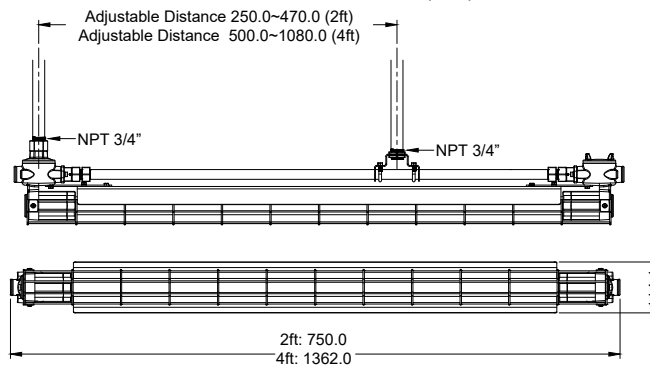
Single Tube

Ceiling (C90) / Wall Mount 90° (W90)



2ft-Single Tube: 5.4kg (11.9 lb)
 4ft-Single Tube: 8.1kg (17.9 lb)

Pendant Mount (P90)



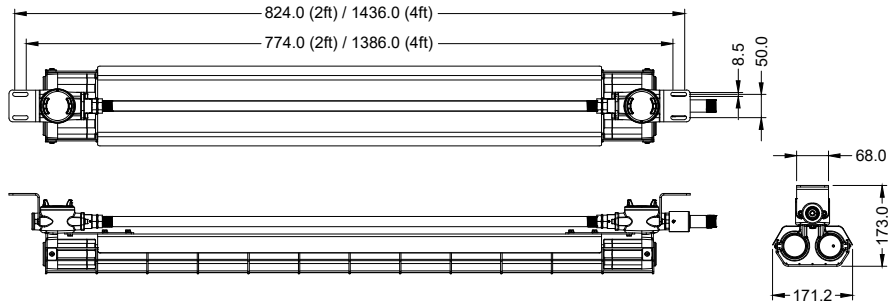
2ft-Single Tube: 5.3kg (11.7 lb)
 4ft-Single Tube: 8.0kg (17.6 lb)

(The pendant mount doesn't include electrical tubes, but with installation holes reserved.)

Mounting Option & Dimensions (All in mm)

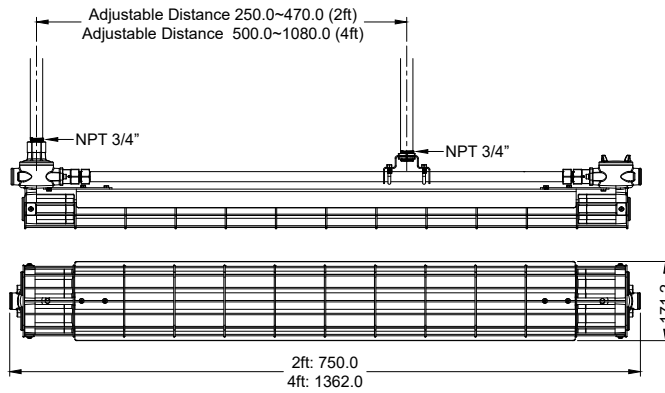
Dual Tubes

Ceiling (C90) / Wall Mount 90° (W90)



2ft-Dual Tube: 7.7kg (17.0 lb)
4ft-Dual Tube: 10.8kg (23.8 lb)

Pendant Mount (P90)



2ft-Dual Tube: 7.6kg (16.8 lb)
4ft-Dual Tube: 10.7kg (23.6 lb)

(The pendant mount doesn't include electrical tubes, but with installation holes reserved.)

Model Code

THT

E

2101

D

D

W

H

C6

C90

①

②

③

④

⑤

⑥

① Length of Luminaire

A=2ft single tube (For 9W, 10W only)
B=4ft single tube (For 18W, 20W only)
C=2ft double tubes (For 18W, 20W only)
D=4ft double tubes (For 36W, 40W only)

③ Light Color

W=Warm white (For 9W, 18W, 36W only)
N=Natural white (For 9W, 18W, 36W only)
D=Daylight (For 9W, 18W, 36W only)
C=Cool white (For 9W, 18W, 36W only)
Y=Yellow tube (For 10W, 20W, 40W only)

⑥ Mounting Bracket Type

C90=Ceiling
W90=Wall Mount 90°
P90=Pendant

② Type of Top Cover

C=Top cover with opening
D=Top cover without opening

*Pendant Mount only with C type (top cover with opening).

④ Voltage

A=120-277V (For 10W, 20W, 30W)
H=100-277V (For 9W, 18W, 36W only)

⑤ Wattage

Z9=9W (For 2ft single tube only)
A8=18W (For 2ft double tubes or 4ft single tube only)
C6=36 W (For 4ft double tubes only)
A0=10W (For 2ft single tube only)
B0=20W (For 2ft double tubes or 4ft single tube only)
D0=40 W (For 4ft double tubes only)