



Luminaires For Use In Hazardous Locations

L1733N

Standards:

- UL 844
- UL 1598 Luminaires
- UL 8750
- CSA C22.2 No. 137-M1981
- CSA C22.2 No. 250.0
- CSA C22.2 No. 250.13

Protection:

- Class I, Division 2 Group A, B, C, D
- Class II, Division 2 Group F, G
- Class III
- IP67 / NEMA 6

Ambient Temperature:

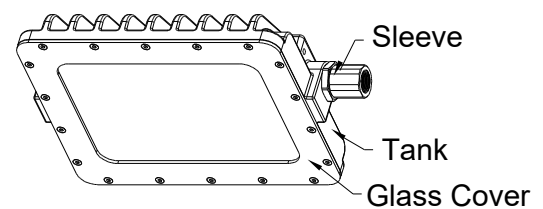
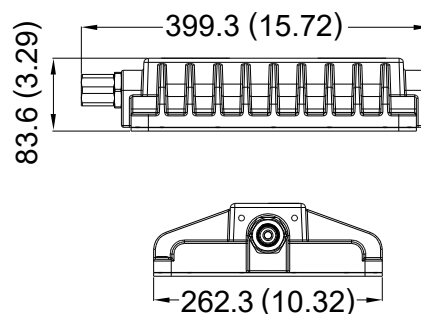
- CID2: -20°C ~ +40°C, T3A
- CIID2: +40°C, T5

Applications:

- Power Plants
- Heavy Industrials
- Storage Facility
- Paper Mills
- Wastewater Treatment Plants
- Loading Docks
- Platforms
- Shipyards
- Chemical Processing Facility
- Petrochemical Processing Facility

Dimension:

In mm (inches)



Net Weight: 9.4 kg (20.7 lb)

Electrical:

SMD	70W	105W
100~277V	0.25A~0.70A	0.38A~1.05A
200~480V	0.15A~0.35A	0.22A~0.53A
Power Factor	$\cos \geq 0.9$, $\cos \geq 0.87(480V)$	
Frequency	50 / 60 Hz	

Mechanical:

Enclosure	Aluminum Alloy	
Glass	Tempered Glass	★Frosted Glass is available upon request.
Cable Gland	Stainless Steel	
Cable	600V, 105°C	
Entrance Thread	1 x NPT 3/4"	

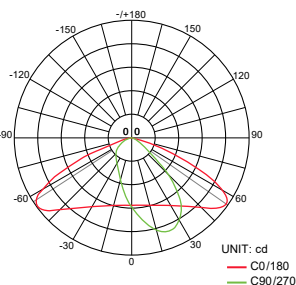
Optical:

Color of LED Light	3000K (Warm White) / 5000K (Cool White)
CRI	Warm White ≥ 80 / Cool White ≥ 70
Lm / W ($\pm 10\%$)	Warm White ≥ 90 / Cool White ≥ 100

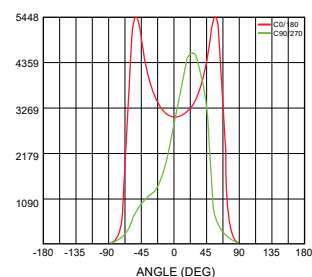
Optical Report:

LED Lens 60°x145°
(NEMA 6x7)

Polar Luminous
Intensity Distribution

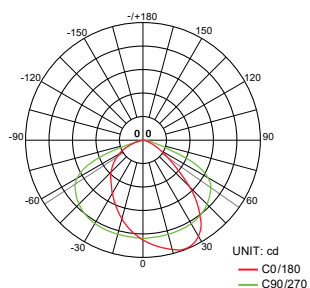


Luminous
Intensity Distribution Diagram

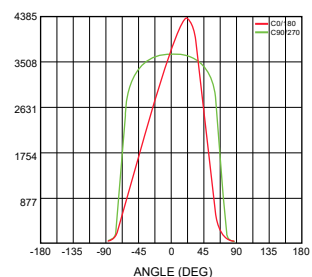


LED Lens 15°x155°
(NEMA 7x7)

Polar Luminous
Intensity Distribution



Luminous
Intensity Distribution Diagram

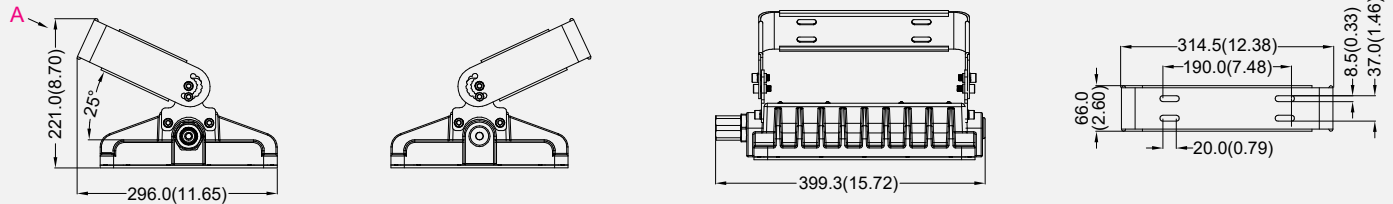


★There are different luminous distributions according to the angle of lens, please contact us for details.

Mounting Option & Dimension : In mm (inches)

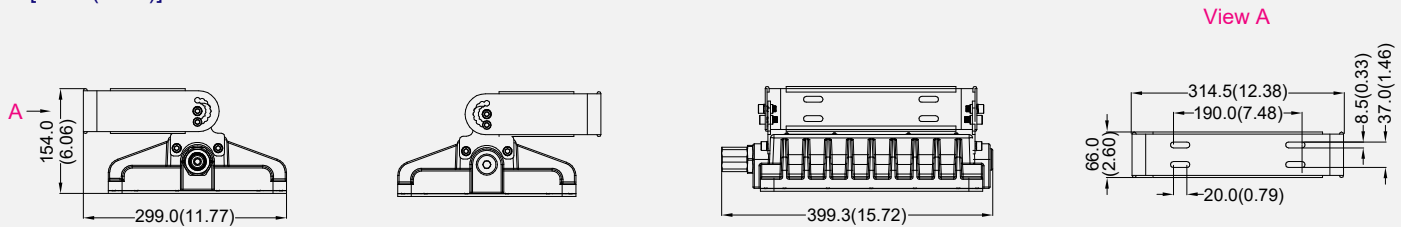
Wall Mount 11.0 kg (24.3 lb)

25° [WHT(W25)]



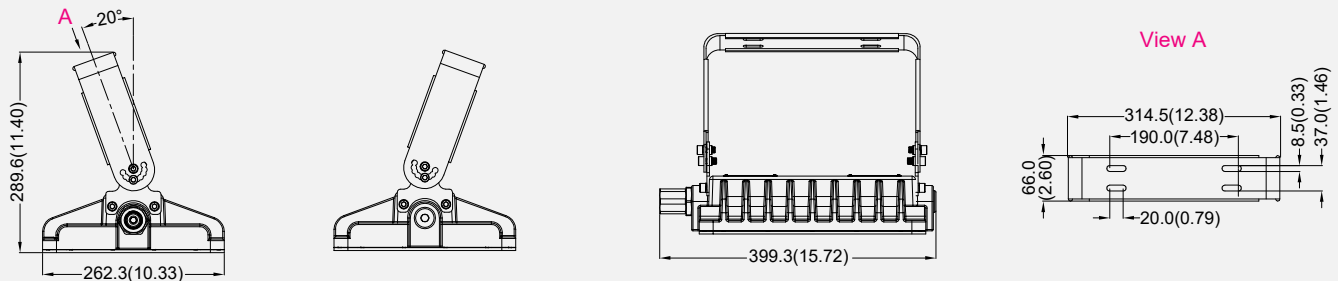
Wall Mount 11.0 kg (24.3 lb)

90° [WHT(W90)]



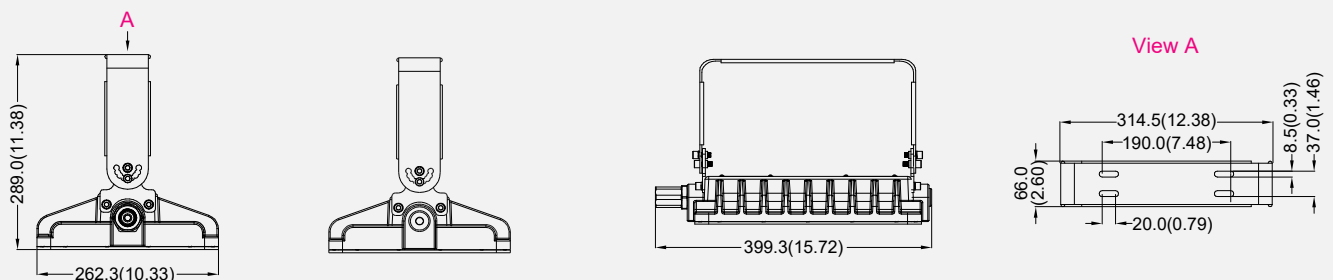
Hanging Mount 11.0 kg (24.3 lb)

20° [WHT(H20)]



Hanging Mount 11.0 kg (24.3 lb)

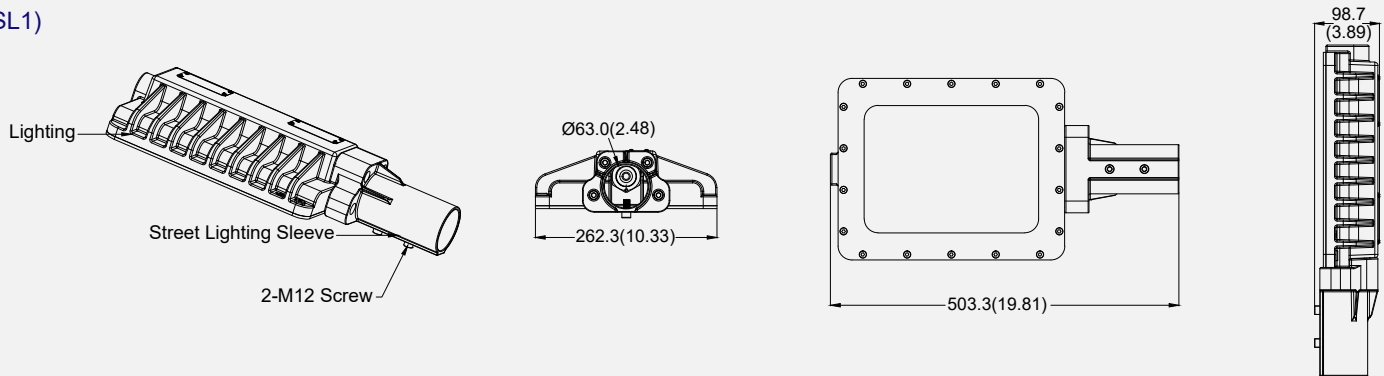
90° [WHT(H90)]



Mounting Option & Dimension : In mm (inches)

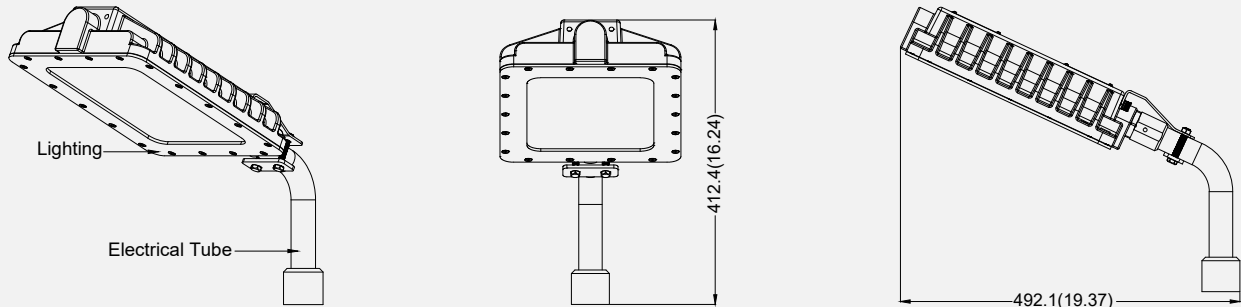
Street Type 10.5 kg (23.1 lb)

(SL1)



Electrical Tube Mount 10.5 kg (23.1 lb)

(SL2)



Model Code:

THT

H

1733

N

①

N

K

C

②

H

③

J5

④

WHT

⑤

① Series Type

C=Lens 30° / NEMA 4x4 (57°x57°)
 D=Lens 60° / NEMA 5x5 (83°x83°)
 E=Lens 90° / NEMA 6x6 (117°x117°)
 F=Lens 150° / NEMA 7x7 (159°x159°)
 G=Lens 15°x155° / NEMA 7x7 (138°x156°)
 H=Lens 60°x145° / NEMA 7x6 (152°x124°)
 J=Lens 70°x140° / NEMA 7x7 (153°x146°)
 K=Lens 85°x155° / NEMA 7x7 (153°x136°)
 L=Lens 150°x50° / NEMA 7x7 (138°x161°)
 M=Lens 65°x145° / NEMA 7x7 (158°x137°)
 N=Lens 65°x150° / NEMA 7x7 (159°x133°)

② C.C.T.

C=Cool White
 W=Warm White

③ Voltage

H=100~277V
 J=200~480V

④ Wattage

G0=70W
 J5=105W

⑤ Mounting Bracket Type

WHT(W25/90)=Wall Mount 25°/90°
 WHT(H20/90)=Hanging Mount 20°/90°
 SL1=Street Type
 SL2=Electrical Tube Mount

NEMA Beam Angle Types

- The NEMA Beam Angle Types were measured while lighting fixtures installed in horizon direction.
- Vertical direction installation is also available, for example Street type or Electrical tube mount.