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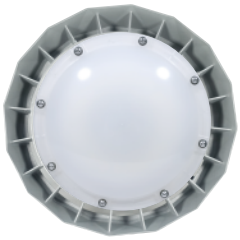
L2302 Series Hazardous Locations LED Light



L2302A
GLASS



L2302B
Clear PC Cover



L2302C
Matte PC Cover

CID2 Group A, B, C, D | IP67 | NEMA 6

Protection
- Class I, Division 2, Group A, B, C, D

Standards
UL 844
UL 1598 Luminaires
UL 8750
CSA C22.2 No. 137-18

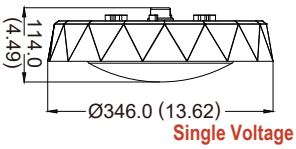
- ✔ Internal temperature equalization design
- ✔ Pressure stabilization device
- ✔ Moisture mitigation control

Net Weight: 5.5 kg (12.1 lb)

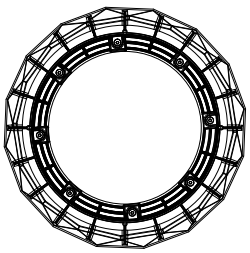
Technical Data L2302A / L2302B / L2302C

	Single Voltage		
Rated Voltage (±10%)	110 / 120 / 220 / 230 / 277 Vac		24 Vdc
Wattage (±10%) * Please refer to red numbering for the corresponding T code	180W ① 200W ② 250W ③	120W ① 150W ②	60W ① 80W ② 100W ③
Amps	0.65A~2.27A	0.14A~1.36A	2.50A~4.17A
Color of LED Light	3000K (Warm White) 5000K (Cool White)	3000K (Warm White) 5000K (Cool White)	5000K (Cool White)
Ambient Temperature	-20°C ~ +79°C, T3B ① -20°C ~ +69°C, T3A ② -20°C ~ +63°C,T3B ③	-20°C ~ +93°C, T3C ① -20°C ~ +84°C, T3A ②	-20°C ~ +95°C, T4 ① -20°C ~ +97°C, T3C ② -20°C ~ +94°C,T3C ③

Power Factor	cos≧0.9
CRI	Cool White≧70 / Warm White≧80
Lm / W (±10%)	Clear PC Cover: 140 lm/w ; Matte PC Cover: 125 lm/w
Beam Angle	X-110° / Y-110°
Frequency	50 / 60 Hz
Degree of Protection	IP67 / NEMA 6
Material • Enclosure • Lampshade	Aluminum alloy Glass / PC
LED Service Life	60,000 hrs
Entrance Thread	NPT 3/4”

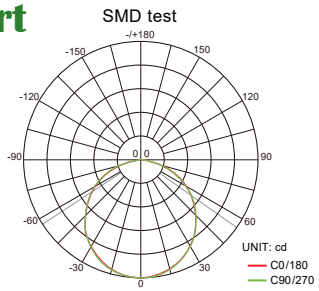


Single Voltage



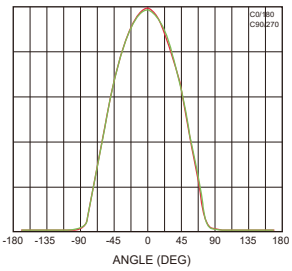
Optical Report

Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram

Dimension in Millimeters (inches)



THT-EX reserves the right to make changes at any time in order to supply the best product possible.

Model Code

THT	H	2302	A	C	K	C	9	25	WHT(W90)
			①			②	③	④	⑤

① Series type
A = With Glass
B = With Clear PC
C = With Matte PC

② Designates CCT of LED
C = Cool white
W = Warm white

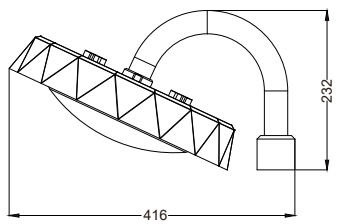
③ Designates voltage of LED module
1=110 Vac, 2=220 Vac, 6=120 Vac
9=277 Vac, D=230 Vac, K=24 Vdc

④ Designates wattage rating of the luminaire
F0=60W, H0=80W, J0=100W,
L0=120W, P0=150W, S0=180W,
U0=200W, 25=250W

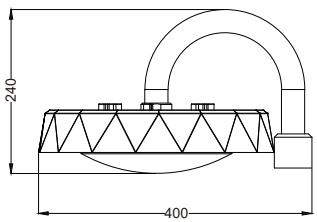
⑤ Mounting Bracket Type
S25/90=Bending Electrical Tube
P90=Straight Electrical Tube
WHT(W90)=Wall Mount
WHT(H90)=Pendant Mount
PAN=Pan Mounting - C Brand
C=Ceiling Mount

Mounting Option & Dimensions (All in mm)

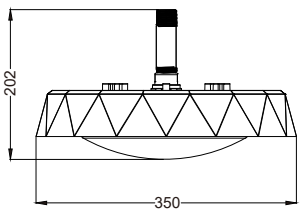
Bending Electrical Tube 25°(S25)



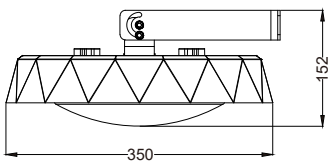
Bending Electrical Tube 90°(S90)



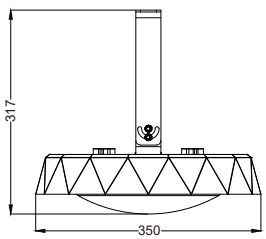
Pendant Mount(P90)



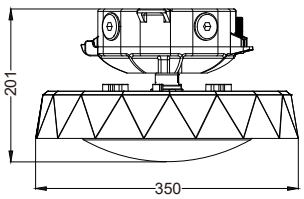
Wall Mount [WHT(W90)]



Hanging Mount [WHT(H90)]



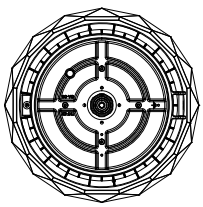
Ceiling Mount (C)

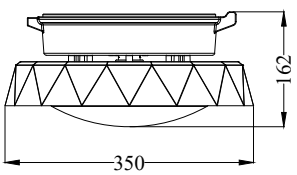


Pan Mounting Option & Dimensions (All in mm)

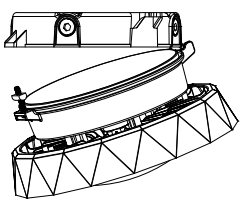
Retrofit Kit for C Brand

(PAN)





Installation Diagram



*Top hat is not included when placing order for retrofit pan.