

L1512

Luminaires For Use In Hazardous Locations



COB



Square SMD



Circle SMD



Protection

- Class I, Division 2
Group A, B, C, D
- Class II, Division 2
Group F, G

Standards

UL 844
UL 1598 Luminaires
UL 8750
CSA C22.2 No. 137-18
CSA C22.2 No. 250.0
CSA C22.2 No. 250.13

Net Weight: 12.0 kg (26.4 lb)

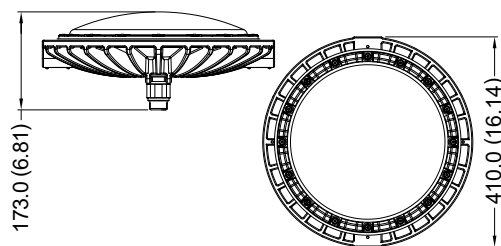
Technical Data

Rated Voltage (±10%)	SMD 120V / 277V AC , COB 120V / 208V / 277V / 347V / 480V AC									
Watts (±10%)	COB, Circle SMD 140W / 160W / 180W / 200W / 220W / 240W Square SMD 175W / 200W / 225W / 250W / 275W									
Amps	140W 120V: 1.17A, 208V: 0.67A, 277V: 0.51A, 347V: 0.40A, 480V: 0.29A / 160W 120V: 1.33A, 208V: 0.77A, 277V: 0.58A, 347V: 0.46A, 480V: 0.33A / 175W 120V: 1.46A, 277V: 0.63A / 180W 120V: 1.50A, 208V: 0.87A, 277V: 0.65A, 347V: 0.52A, 480V: 0.38A / 200W 120V: 1.67A, 208V: 0.96A, 277V: 0.72A, 347V: 0.58A, 480V: 0.42A / 220W 120V: 1.83A, 208V: 1.06A, 277V: 0.79A, 347V: 0.63A, 480V: 0.46A / 225W 120V: 1.88A, 277V: 0.81A / 240W 120V: 2.00A, 208V: 1.15A, 277V: 0.87A, 347V: 0.69A, 480V: 0.50A / 250W 120V: 2.08A, 277V: 0.90A									
Color of LED Light	3000K (Warm White) / 5000K (Cool White) / 6500K (Cool White for Square SMD Only)									
Ambient Temperature	-20°C ~ +40°C, T3A									
Power Factor	cos≥0.9									
CRI	Cool White≥70 / Warm White≥80									
Lumen (±10%)	COB	140W	160W	180W	200W	220W	240W			
	3000K	14042	16048	18055	20502	22103	23889			
	5000K	15192	17366	19535	22177	23187	24923			
	SMD	140W	160W	175W	180W	200W	220W	225W	240W	250W
	3000K	14841	16508	17208	18830	21160	23573	24036	25801	26772
	5000K	16259	18325	19112	20005	22413	24699	25369	26973	28123
Beam Angle	X-110° / Y-110°									
Frequency	50 / 60 Hz									
Degree of Protection	IP67 / NEMA 6									
Material	• Enclosure • Cover	Aluminum alloy Clear or Diffuser PC Cover								
LED Service Life	60,000 hrs									
Entrance Thread	1 × NPT 3/4"									

173.0 (6.81)

410.0 (16.14)

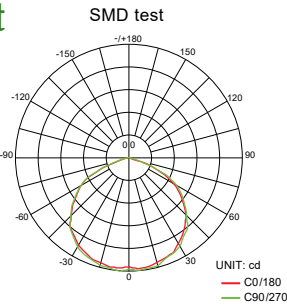
Dimension in Millimeters (inches)



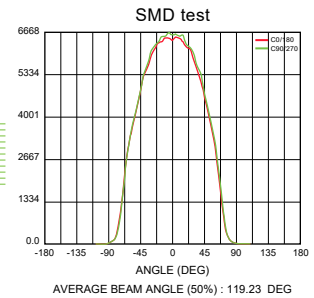
Dimension in Millimeters (inches)

Optical Report

Polar Luminous
Intensity Distribution



Luminous
Intensity Distribution Diagram



Model Code

THT	H	1512	A	N	B	W	9	U0	W90
			①		②	③	④	⑤	⑥

① Material of PC Cover

A=Clear PC Cover
B=Diffuser

② Type of LED Module

B=COB
K=Circle SMD
H=Square SMD

③ C.C.T.

C=Cool White
W=Warm White

④ Voltage

6=120V
9=277V
K=208V
F=347V
C=480V

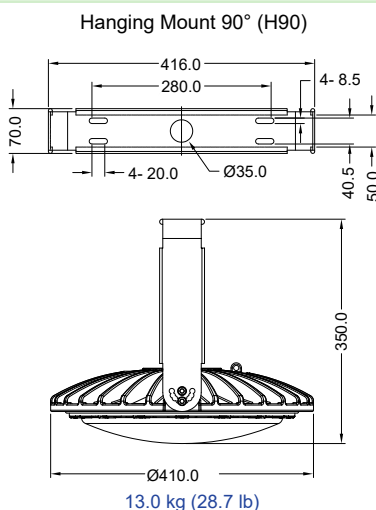
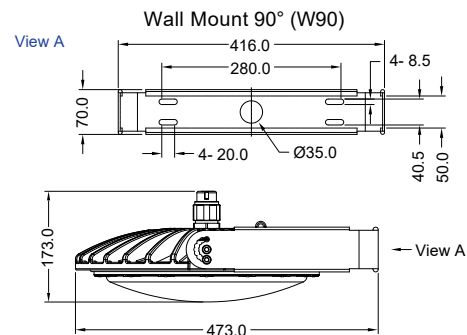
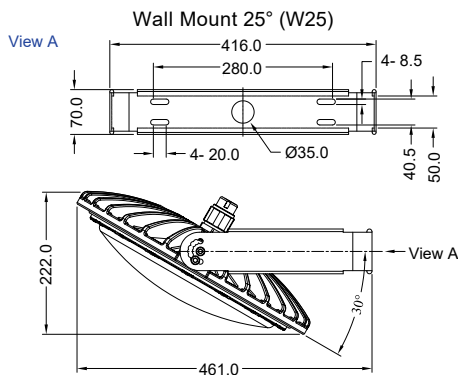
⑤ Wattage

N0=140W, Q0=160W
R5=175W, S0=180W
U0=200W, W0=220W
W5=225W, Y0=240W
25=250W

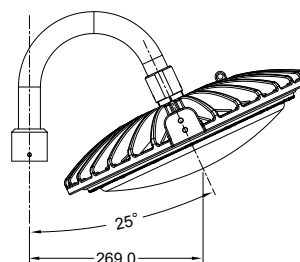
⑥ Mounting Bracket Type

W25/90=Wall Mount 25°/90°
H90=Hanging Mount 90°
S25=Bending electrical tube 25°
P90=Straight electrical tube

Mounting Option & Dimensions (All in mm)



Bending electrical tube 25° (S25)



Straight electrical tube (P90)

