

# L1512D

High Humidity &  
Heat Resistant LED Lighting



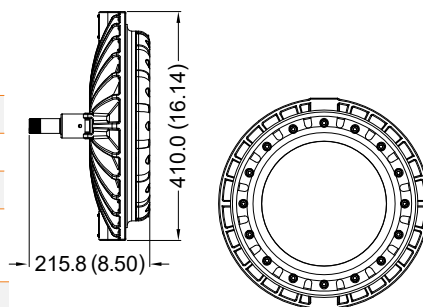
## Standards

UL 844  
UL 1598  
UL 8750  
IEC 60079  
EN 60079  
CSA C22.2 No.250.0

Net Weight: 18.3 kg (40.3 lb)

## Technical Data

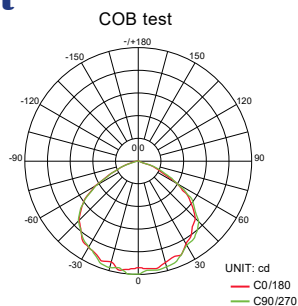
|                      |  |         |         |
|----------------------|--|---------|---------|
| Rated Voltage (±10%) | 120V / 220V / 277V AC  |         |         |
| Watts (±10%)         | 140W / 160W  |         |         |
| Amps                 | 140W 120V:1.17A, 220V:0.64A, 277V:0.51A<br>160W 120V:1.33A, 220V:0.73A, 277V:0.58A |         |         |
| Color of LED Light   | 3000K (Warm White) / 5000K (Cool White)  |         |         |
| Ambient Temperature  | +66°C ~ +85°C  |         |         |
| Power Factor         | cos ≥ 0.9, cos ≥ 0.87(480V)  |         |         |
| CRI                  | Cool White ≥ 70 / Warm White ≥ 80  |         |         |
| Lumen (±10%)         | COB  | 140W    | 160W    |
|                      | 3000K  | 11911lm | 13750lm |
|                      | 5000K  | 12339lm | 14003lm |
| Beam Angle           | X-110° / Y-110°  |         |         |
| Frequency            | 50 / 60 Hz   |         |         |
| Degree of Protection | IP67/ NEMA 6   |         |         |
| Material             | ●Enclosure Aluminum alloy<br>●Glass Tempered glass                                 |         |         |
| LED Service Life     | 60,000 hrs*  |         |         |
| Entrance Thread      | 1 × NPT 3/4"   |         |         |



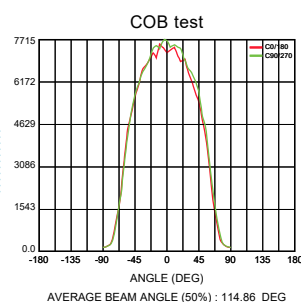
Dimension in Millimeters (inches)

## Optical Report

Polar Luminous  
Intensity Distribution

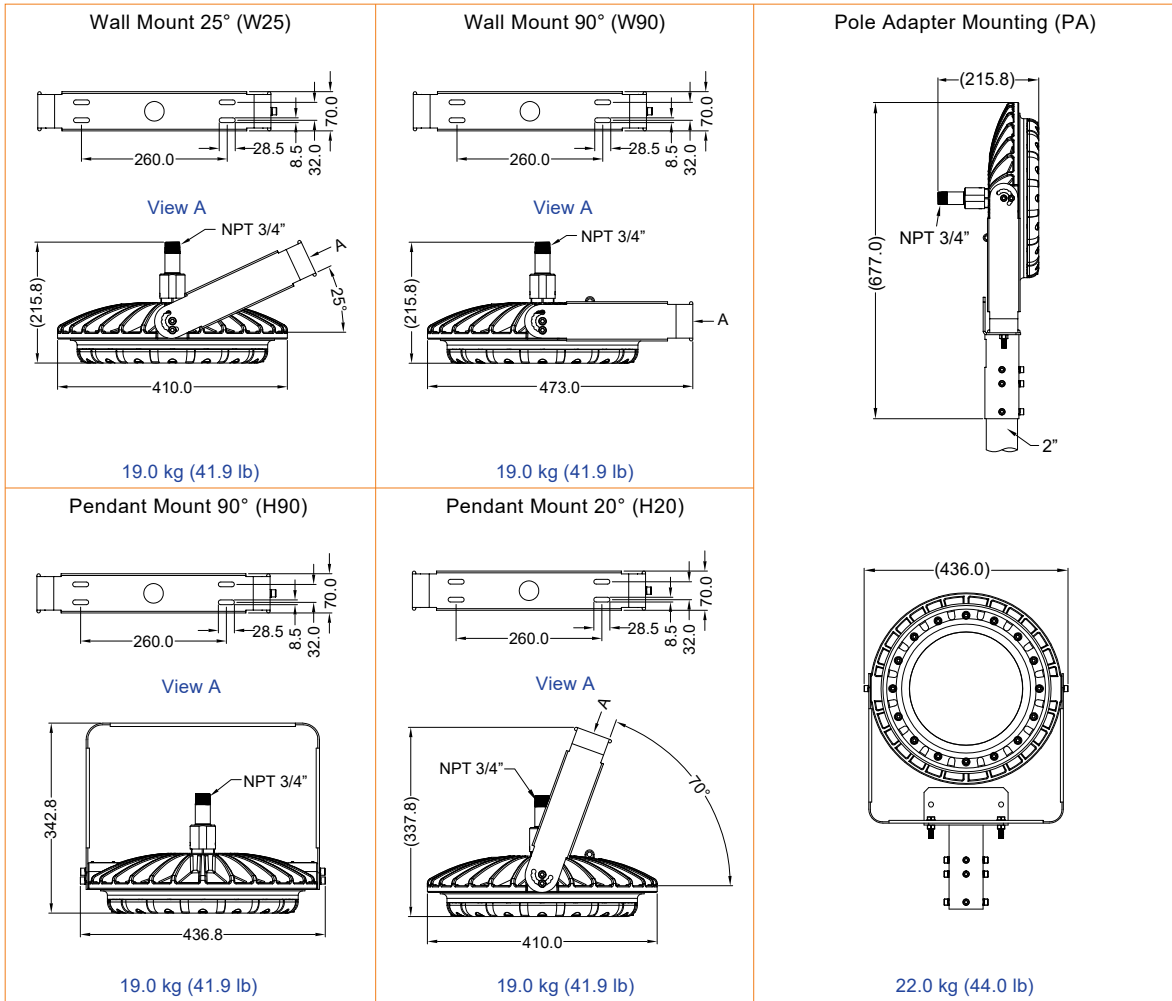


Luminous  
Intensity Distribution Diagram



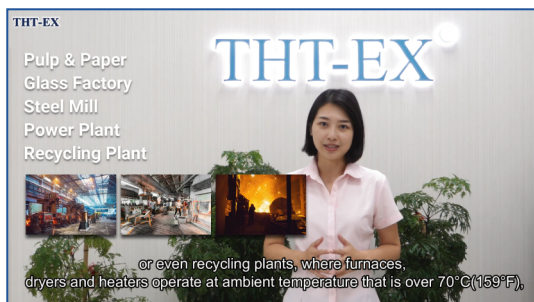
\*L70 at 55°C Ambient Temperature \*2 years warranty without warranting lumen depreciation.

## Mounting Option & Dimensions (All in mm)



### Applicable Area

- Pulp & Paper Industry
- Smelter
- Automotive Industry
- Cable Manufacturing
- Power Plants
- Casthouse
- Textile Industry
- Glass Factory



LED Lighting Solutions  
for High Temperature Areas