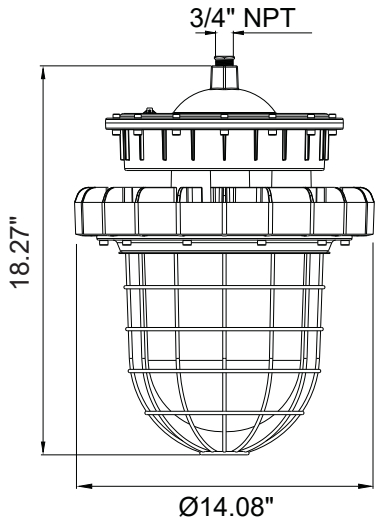
# TLHEP100F120P






**Accessories (not included)**

| | | |
|---|---|---|
|  **EX-HD51-KB1-3/4NPT** Junction box |  **EX-HD51-KYD-90-3/4NPT** 90° bracket |  **EX-HD51-KYD-45-3/4NPT** 45° bracket |

## Specifications TLHEP100F120P

| Electrical Specifications | |
|---|---|
| Model No. | TLHEP100F120P |
| DLC ID | N/D |
| Power (W) ± 10% | 100 W |
| Input Voltage (V) | AC100-277V, 50/60Hz |
| Efficacy ± 3% | 130 lm/W |
| Power Factor (PF) | 0.9 |
| Surge protection | 10 kv |
| Total harmonic distortion | <15% |

| Photometric Specifications | |
|---|---|
| CRI | ≥80 |
| CCT | 5 000 K |
| Beam angle | 120° |
| Light Output ± 3% | 13 000 lm |
| Dimmable | 0-10 V |

| Mechanical Specifications | |
|---|---|
| IP Rating | IP66 |
| Material | Aluminum |
| Lens | Frosted (Tempered Glass) |
| Net Weight | N/A |
| Product size (mm) | ± Ø101.6 x 457.2 mm |
| Product size (inch) | ± Ø14.08" x 18.27" |
| Operating Humidity | 10% - 95% |
| Operating Temperature and Temperature Class | -40°C ~ 60°C, T4 |
| Lumen maintenance | >75% at 100 000 hours |

## Product description:

- UL 844: hazardous locations
  CAN / CSA-C22.2 NO. 137
  - CLASS 1 - DIVISION 1 - GROUP C, D
  - CLASS 1 - DIVISION 2 - GROUP A, B, C, D
  - CLASS 2 - DIVISION 1 - GROUP E, F, G
  - CLASS 2 - DIVISION 2 - GROUP F, G
  - CLASS 3
- Marine marking: UL 1598A.
- Save up to 70% on electricity consumption compared to HPS/MH lighting fixture.
- Warranty: 5 years.
- Other CCT available on request.
- Spherical lens with protective grid.
- Wall mount or ceiling mount bracket.

## Applications:

Areas with risk of explosion (gas emissions), areas with vapor or dust, petrochemical complexes, mines, etc. Designed for wet locations.
Indoor and outdoor.

info@technilight.ca



Pictures for illustration purpose only rev 2.6.5