

## Specifications TLHEP280HF120P

### Electrical Specifications

Model No.	TLHEP280HF120P
DLC ID	N/D
Power (W) ± 10%	280 W
Input Voltage (V)	AC200-480V, 50/60Hz
Efficacy ± 3%	130 lm/W
Power Factor (PF)	0.9
Total harmonic distortion	≤20%




### Photometric Specifications

CRI	≥80
CCT	5 000 K
Beam angle	120°
Light Output ± 3%	36 400 lm
Dimmable	0-10 V

### Mechanical Specifications

IP Rating	IP66
Material	Aluminum
Lens	Frosted (Tempered Glass)
Net Weight	N/A
Product size (mm)	± Ø443 x 544 mm
Product size (inch)	± Ø17.44" x 21.7"
Operating Humidity	10% - 90%
Operating Temperature	-40°C ~ 55°C

### Accessories (not included)

 <b>EX-HD51-KB1-3/4NPT</b> Junction box	 <b>EX-HD51-KYD-90-3/4NPT</b> 90° bracket	 <b>EX-HD51-KYD-45-3/4NPT</b> 45° bracket
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## 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.