



Specifications TLHBH450110P

Electrical Specifications

Model No.	TLHBH450110P
Power (W) ± 10%	450 W
Input Voltage (V)	AC100-277V, 50/60Hz
Efficacy ± 3%	130 lm/W
Power Factor (PF)	0.9
Dimmable	0-10 V
Replace MH/HPS	1 000 W
Total harmonic distortion	<15%

Photometric Specifications

CRI	≥70
CCT	5 000 K
Beam angle	110°
Light Output ± 3%	58 500 lm

Mechanical Specifications

IP Rating	IP66
Material	Aluminum
Lens	Clear (Polycarbonate)
Net Weight	28 kg
Product size (mm)	± 966 x 366 x 245 mm
Product size (inch)	± 38" x 14.4" x 9.6"
Operating Humidity	15% - 90%
Operating Temperature	-30°C ~ 80°C
Lumen maintenance	>75% at 100 000 hours

Product Description:

- High temperature application (up to 80°C).
- Lightweight lamp body for easier installation in high ceiling areas.
- Polycarbonate lens with 110° projection.
- Saves up to 70% energy saving compared to conventional lights.
- Impact-resistant. (IK10)
- Aluminum heat sink for maximum thermal conductivity and extended life.

Applications:

Industrial. (High bay).