



THB1-SERIES TEMPORARY HIGH BAY



Project	
Date	
Prepared by	
Model #	THB1-1504-1

OVERVIEW

The THB1-Series is a bright and robust temporary high bay light that replaces traditional 400W metal halides used for jobsite area lighting. Ready to daisychain right out of the box, it has never been easier to light up large jobsites with high ceiling heights that are thousands of square feet in size.

PRODUCT HIGHLIGHTS

- Portable, high-ceiling lighting solution
- Die-cast aluminum housing
- 10' Daisy-chain cable
- cETLus

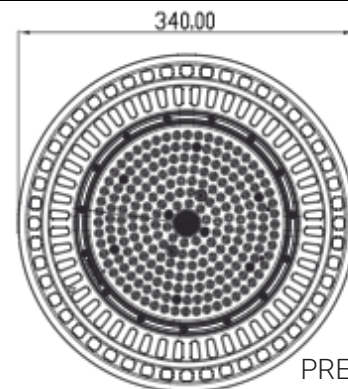
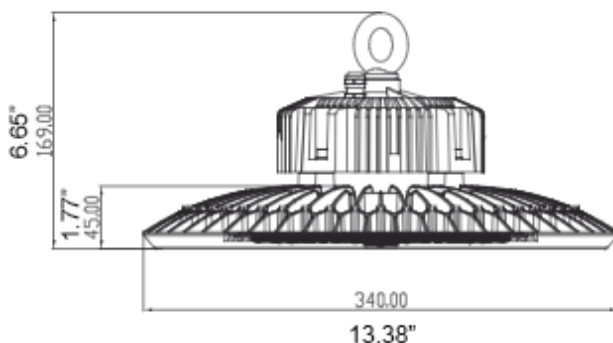
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	16400 lm	Beam Angle (°) ₁	120°
CCT (K) ₁	4000K	Projected Lifetime (L ₇₀)	50,000 hrs
CRI (Ra) ₁	73	Lumen Maintenance Factor	70%
Efficacy (lm/W) ₁	123 lm/W	Chromaticity Shift	+/-50K

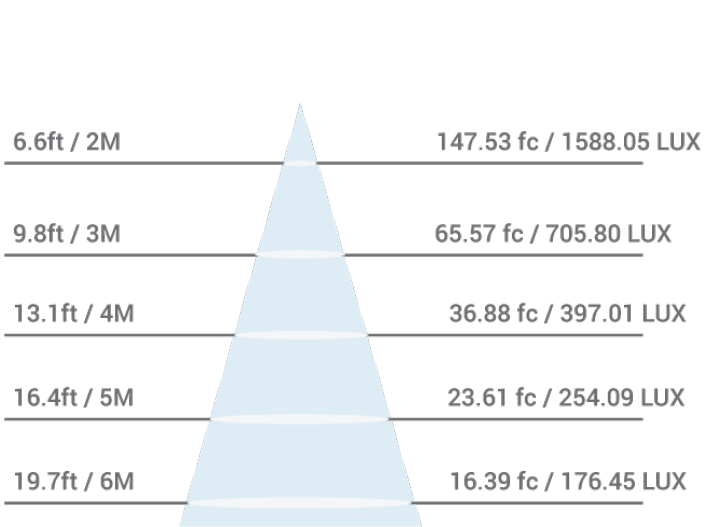
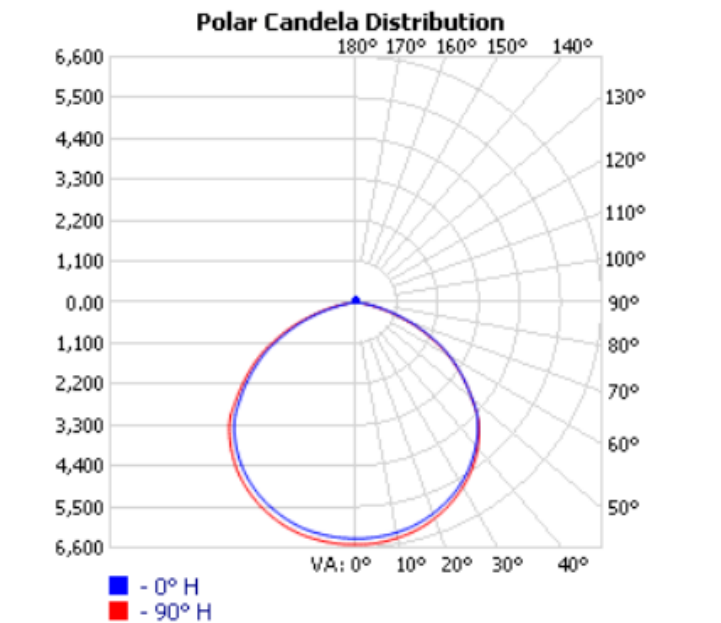
ELECTRICAL SPECIFICATIONS

Power	150W	Current Draw at 120V _{AC} (A) ₂	1.38A
Apparent Power (VA)	150VA	Current Draw at 208V _{AC} (A) ₂	0.80A
System Wattage (W)	133W	Current Draw at 240V _{AC} (A) ₂	[0.69A]
Input Voltage	100-277VAC	Current Draw at 277V _{AC} (A) ₂	0.60A
Input Voltage	3 highbays daisy chained in a row		

PRODUCT DIMENSION



CONSTRUCTION		APPROVALS AND LISTINGS					
Housing Material	ADC12 Die-Cast Aluminum	Wet Location Rated	Yes				
Housing Color	Black	UL/ETL	cETLus				
Lens Material	Polycarbonate (PC)	<div>Rated Lifetime¹</div> <table><tr><td>Models</td><td>Lumen Output = 70% of Initial (L₇₀)²</td></tr><tr><td>THB1-1504-1</td><td>50,000 hrs</td></tr></table> <p>1. Rated Lifetime projected the time need for the fixture to drop its lumen output to 70% of its initial value, which was measured based on IESNA LM-79-80 luminaire test report.</p> <p>2. Calculations based on TM-21 Projection and IESNA LM-80-08 LED test report, estimated rated lifetime (hours) at TA=25C (ambient temperature)</p>		Models	Lumen Output = 70% of Initial (L ₇₀) ²	THB1-1504-1	50,000 hrs
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THB1-1504-1	50,000 hrs						
Dimensions (inch/mm)	13.4"Φ x 6.7" (H) 340mm Φ x 169mm (H)						
Weight (kg/lbs)	2.9 kg / 6.4 lbs						
Installation Method	Pendant / Hook 10' cord (daisy-chainable)						
Operation Range (°C/°F)	-40°F to +104°F / -40°C to 40°C						
IP Rating	IP65						
Warranty	3 years						
LED AND DRIVER SPECIFICATIONS							
LED (Brand)	Samsung	Power Factor	0.89				
LED Design Origin	South Korea	THD	16.3%				
LED Type	SMD 2835	Output Voltage (VDC)	61-64VDC				
Dimmable	No						
CANDELA		ILLUMINANCE AT A DISTANCE					



1. Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.

2. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.

3. Refer to Warranty Terms & Conditions available at premiseled.com/warranty

Specifications and dimensions subject to change without notice.

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