



MODEL:		TYPE
PROJECT:		
PREPARED BY:	DATE:	



TAMHLX SERIES

The TAMHLX high bays are ideal for manufacturing, warehousing, commercial and industrial facility lighting applications. The design makes it a sturdy, user friendly and easy to install high bay.



FEATURES AND SPECIFICATIONS

INTENDED USE:

Applications include large indoor spaces for manufacturing, warehousing, commercial and industrial facility lighting applications with mounting heights ranging from 10' - 40'.

CONSTRUCTION:

Extruded aluminum housing provides high performance and unprecedented quality. Individual, pure aluminum heat sinks offers heat transmission faster than die cast steel.

OPTICS:

Performance engineered optical lens assembly delivers unique beam angles and reduces glare.

ELECTRICAL:

70% lumen maintenance at >50,000 hours. Long-life LEDs, coupled with high-efficiency drivers, provide extended service life. The TAMHLX delivers up to 145 lumens per watt. Driver disconnect is provided where required to comply with U.S. and Canadian codes. Thermally protected driver standard. Surge protector pre-installed.

DIMMING:

LED drivers deliver dimming from a 0-10V control signal.

INSTALLATION:

Drivers and internal components are accessible through access plate. May be cable, chain, or pendant mounted (sold separately). Fixtures are surface mount capable with provided mounting equipment.

LISTINGS:

UL listed to US and Canadian safety standards. Wet location listed. For use in ambient operating temperatures ranging from -40°C to 50°C. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

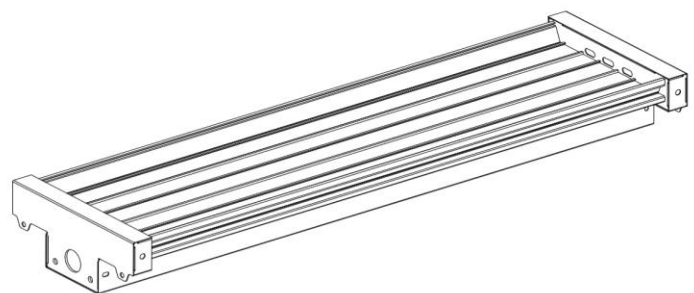
WARRANTY:

5-year limited warranty. Complete warranty terms located at: www.tamliteusa.com/CustomerResources/Terms_and_conditions.asp

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

LINE DRAWING

WATTAGE	L	W	H
100W	24 1/4"	6 7/8"	2 3/4"
160W	46 6/8"	6 7/8"	2 3/4"
200W	46 6/8"	6 7/8"	2 3/4"



ORDERING INFORMATION

TAMHLX	100W	8	50
SERIES	WATTAGE	CRI	COLOR TEMP
TAMHLX	[100W] : 100 Watts	[8] : CRI±80	[50] : 5000K
	[160W] : 160 Watts		
	[200W] : 200 Watts		

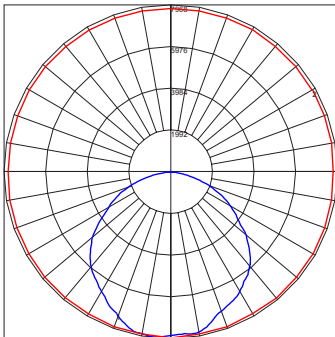
PERFORMANCE SPECIFICATIONS

SERIES	LUMENS @ 5000K	LPW @ 5000K	MAX WATTAGE
TAMHLX100W	14500	145	100
TAMHLX160W	24000	145	160
TAMHLX200W	29000	145	200

PHOTOMETRIC REPORTS

POLAR GRAPH

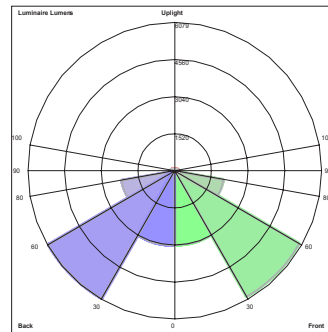
IES ROAD REPORT
PHOTOMETRIC FILENAME : TAMHLX160W850.IES
POLAR GRAPH



Maximum Candela = 7968.09 Located At Horizontal Angle = 270, Vertical Angle = 6
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (6) (Through Max. Cd.)

LUMINAIRE CLASSIFICATION GRAPH

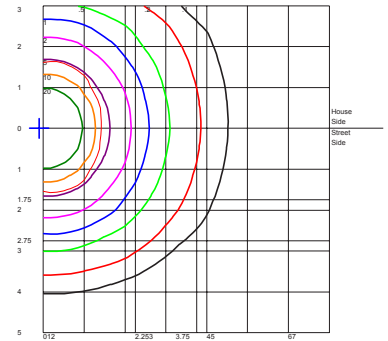
IES ROAD REPORT
PHOTOMETRIC FILENAME : TAMHLX160W850.IES
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens
Front: Low=3076.6, Medium=9385.9, High=2077.1, Very High=78.5
Back: Low=3026.4, Medium=9079.4, High=2050.6, Very High=112.7
Uplight: Low=4.9, High=57.6
BUG Rating : B4-U3-G2

ISOCANDELA PLOT

IES ROAD REPORT
PHOTOMETRIC FILENAME : TAMHLX160W850.IES
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance in Units Of Mounting Height
Values Based On 15 Foot Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(+) = Maximum Candela Point

ACCESSORIES

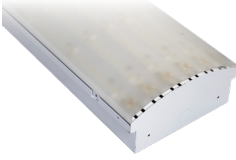
MECHANICAL / OPTICAL

LENSES

POLYCARB LENS



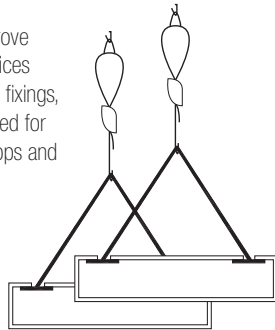
FROSTED LENS



MODELS	FROSTED LENS	CLEAR LENS	
TAMHLX 100W	TAMHLX-2LF1	TAMHLX-2LC1	
TAMHLX 160W, 200W	TAMHLX-4LF1	TAMHLX-4LC1	
	10 FT	15 FT	30 FT
Gripple Aircraft Cable Hangers (2 Pack)	HB-2PK-10FT	HB-2PK-15FT	HB-2PK-30FT
Pendant Mount Splice Box	PD-SPLICEBOX		

GRIPPLE AIRCRAFT CABLE HANGERS (2 PACK)

Single point suspension that allows two point to be suspended using one Gripple fastener. Two legs improve center of gravity and increases stability. Ideal for services that require maintenance. Y-Fit Toggle accessory end fixings, in Gripple size No. 2 with 5:1 Safety Factor is designed for use with a standard Gripple Hanger kit, for longer drops and increased adjustment. **SOLD SEPARATELY.**



PENDANT MOUNT SPLICE BOX

Single point hanging box splice box with 3/4" NPT mount with up to 1-1/2" off center balance adjustment. **SOLD SEPARATELY.**

DIMENSIONS:
2-3/16" x 4-1/2" x 4-1/2"

