

Project		Date
Type		
Model		

LHOHB Series LED Area Light

Features & Benefits

01. HOUSING

- Die cast aluminum housing.
- Modular design allows for easy installation, replacement and maintenance.
- Slim & low profile design that minimizes wind load.
- IK08 rated.

02. FINISH

- Corrosion resistant polyester powder painted 100µm thickness.
- Meets a 1000-hour salt spray certification per ASTM B117/ ISO 9227:2012.
- Standard colors: Silver, Black, Bronze and White.
- Customized colors are available.

03. LED / OPTICAL ASSEMBLY

- Each PCB are mounted with a TVS (Transient Voltage Suppressors) to protect the LEDs from voltage transients induced by lightning and other transient voltage events.
- High-uniformity LED optics are constructed of durable optical polycarbonate that is impact and UV resistant.
- The metal plate provides double protection for the LED light engine and prolongs LED optics life.
- Over 15 optical lenses are available for virtually any application.
- Each LED module are 100% tested prior to assembly which is IP67 rated.

04. MOUNTING

- The trunnion mount bracket allows for great mounting flexibility.

05. ELECTRICAL / KEY COMPONENTS / CONTROLS

- 120-277VAC and 347-480VAC available.
- Surge protection to 20kV/10kA per ANSI/IEEE C62.41.2-2002 available.
- High quality LEDs, driver and components, e.g. MOLEX, WAGO connectors.
- Multiple lighting control options are available, e.g. DALI, 1-10V.



ORDER INFORMATION

EXAMPLE: LHOHB-26-450W-40K-5M1-Y-SV

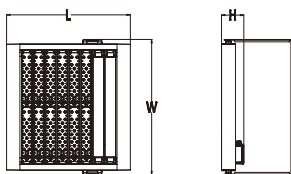


Series	Mount	Wattage	CCT	Optics		Voltage	Finish
LHOHB	26 = Adjustable Yoke	450W 600W 750W 900W	30K = 3000K 40K = 4000K 50K = 5000K	2M1 3M1 3L1 4M1 4S1 5M1 5L1	T5U T5V T5W T5S T5X T5D	Y = 120-277V HV = 347-480V**	SV = Silver BZ = Bronze** BK = Black** WH = White**

Enter configuration:

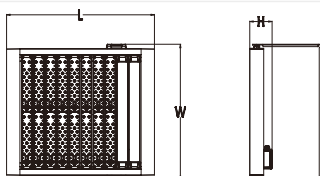
** Special Order

LHOHB Series Dimensions / Performance



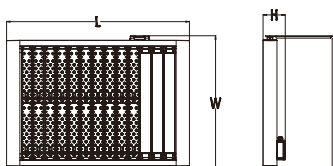
Model	LHOHB-450	Net Weight	19.96kg(44.00lbs)
LED Modules	6	Gross Weight	22.20kg(48.94lbs)
LEDs	216	Product Dimensions	24.49"x26.77"x4.41"
EPA(sq.ft.)	0.721	Carton Dimensions	29.53"x28.74"x6.69"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LHOHB-450	463W	120-277VAC	700mA	56,255lm	62,505lm	135
	463W	347-480VAC	700mA	56,255lm	62,505lm	135



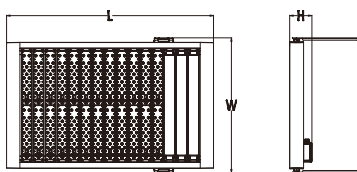
Model	LHOHB-600	Net Weight	23.06kg(50.84lbs)
LED Modules	8	Gross Weight	24.93kg(54.96lbs)
LEDs	288	Product Dimensions	29.21"x26.77"x4.41"
EPA(sq.ft.)	0.787	Carton Dimensions	34.25"x28.74"x6.69"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LHOHB-600	615W	120-277VAC	700mA	74,723lm	83,025lm	135
	615W	347-480VAC	700mA	74,723lm	83,025lm	135



Model	LHOHB-750	Net Weight	27.5kg(60.63lbs)
LED Modules	10	Gross Weight	29.9kg(65.92lbs)
LEDs	360	Product Dimensions	36.30"x26.77"x4.41"
EPA(sq.ft.)	0.894	Carton Dimensions	41.34"x28.74"x6.69"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LHOHB-750	770W	120-277VAC	700mA	93,555lm	103,950lm	135
	770W	347-480VAC	700mA	93,555lm	103,950lm	135



Model	LHOHB-900	Net Weight	30.98kg(68.30lbs)
LED Modules	12	Gross Weight	34.80kg(76.72lbs)
LEDs	432	Product Dimensions	41.02"x26.77"x4.41"
EPA(sq.ft.)	0.971	Carton Dimensions	46.06"x28.74"x6.69"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LHOHB-900	924W	120-277VAC	700mA	112,266lm	124,740lm	135
	924W	347-480VAC	700mA	112,266lm	124,740lm	135



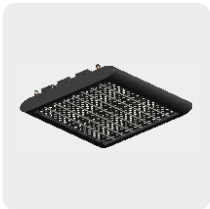
01.Motion Sensor



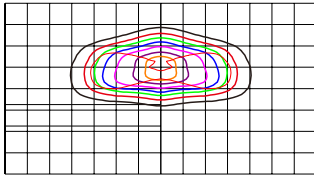
02.Steel suspension cable



03.Suspension Rings

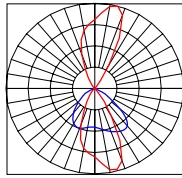


ISO Plot

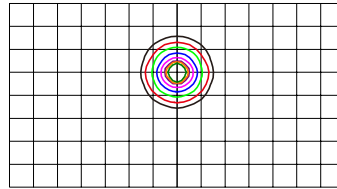


2M1 Type II Medium

Polar Curve

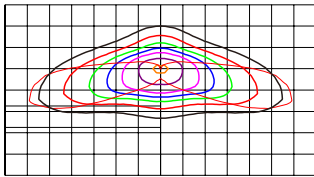
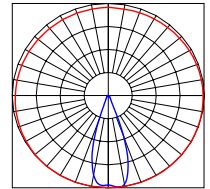


ISO Plot

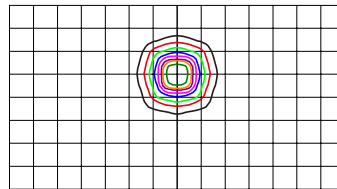
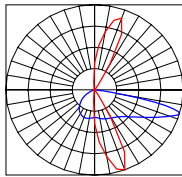


T5W Average beam angle 40°

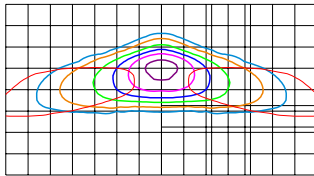
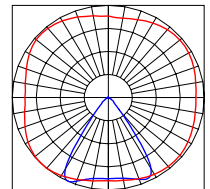
Polar Curve



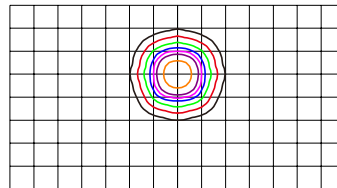
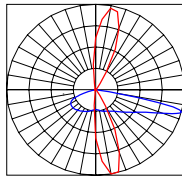
3M1 Type III Medium



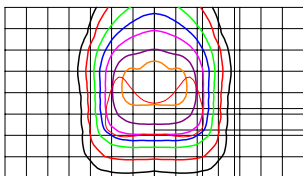
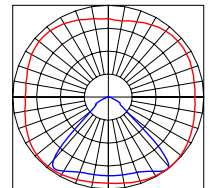
T5S Average beam angle 60°



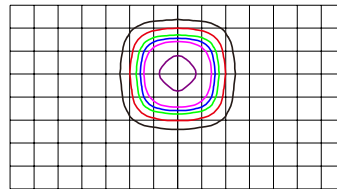
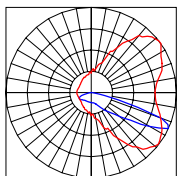
3L1 Type III Long



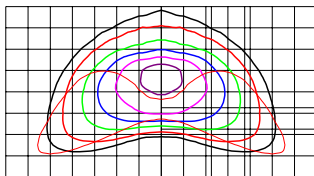
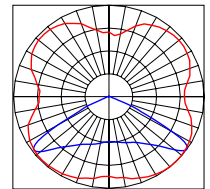
5M1 Average beam angle 90°



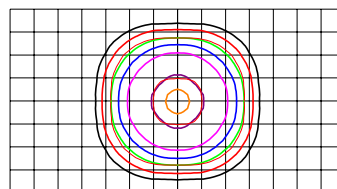
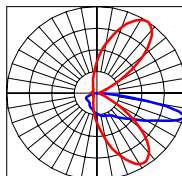
4S1 Type IV Short



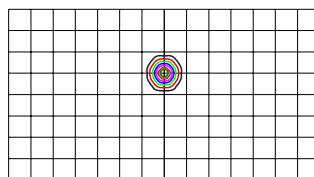
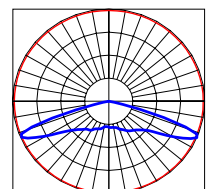
5L1 Average beam angle 120°



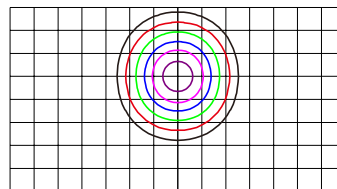
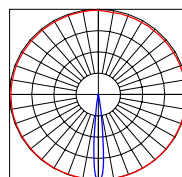
T4M Type IV Medium



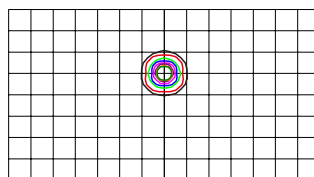
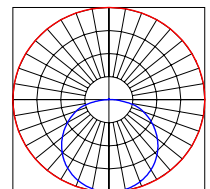
T5X Average beam angle 150°



T5U Average beam angle 10°



T5D Diffuser



T5V Average beam angle 25°

