



**TECHLIGHT**  
GROUNDED IN ILLUMINATION

Catalog Number

Project

Type

## FEATURES & SPECIFICATIONS

**APPLICATION** — The high lumen output luminaire is designed to be a replacement for HID and fluorescent high bays or low bays. It is optimal for lighting applications where long life, low maintenance, and consistent color rendering is required. Areas with limited accessibility due to fixture location which makes maintenance difficult are ideal applications. The high wattage/lumen output allows the fixture to be used for many indoor sports venues and applications.

**CONSTRUCTION** — The HOLH body and housing assembly are ruggedly constructed from 22ga cold rolled steel sheet. Fixture is assembled with special thread forming sheet metal screws to prevent loosening from vibration. All hardware is zinc plated steel. Rigid stiffening brackets prevent twisting and bowing. Engineered for exceptional thermal performance using lightweight aluminum thermal LED heat sinks. Open structure design allows for natural convective cooling. Wireguard comes standard.

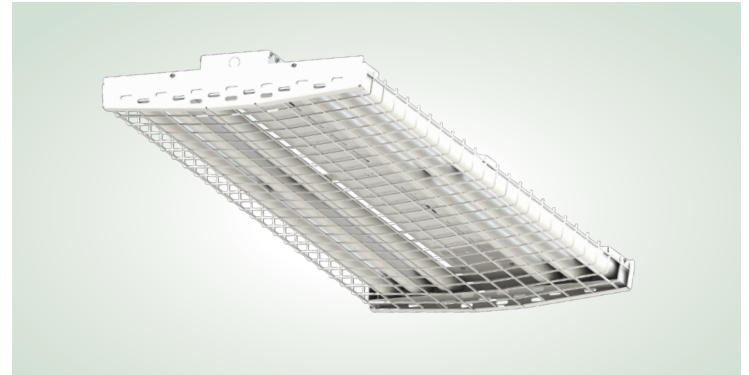
**FINISH** — Post painted housing and components with a Lighting White Polyester type paint which has a UV stabilizer included with a 93% reflectivity. Raw steel goes through our custom wash system with a mild solvent and pre-treatment "rust inhibitor" before passing through a preheat oven. After the paint is applied the fixture then passes through the cure oven for maximum adhesion. Each fixture is painted to a minimum of 2-3 mil thickness for extra durability.

**OPTICAL SYSTEM** — High efficiency linear LED modules with acrylic diffusers provide a wide light distribution with exceptional vertical and horizontal performance. Optics provide 93% transmittance of light while providing glare control and protection for the LED strips.

**ELECTRICAL SYSTEM** — Metal Core PCBA using long life LEDs and high efficiency drivers work together to provide superior performance in a safe and efficient package. HOLH provides a wide range of output options, from 52,000 to 96,000 lumens. L95 at 10K hours L70 ≥ 50K hours. LEDs available in 4000K and 5000K with a CRI >80. Electronic drivers are available in 120~277V or 347~480V configurations. Power factor >0.9. 0-10V dimming standard (dimming leads pulled through upon request). Modular wiring drop cord

# HOLH-TS SERIES

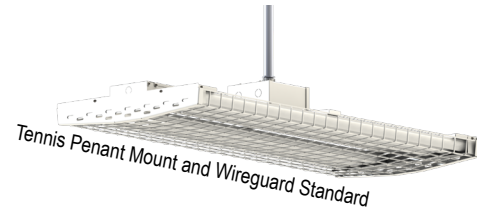
## High Output LED Linear High Bay - Tennis/Sports



SERIES	HOUSING HEIGHT	LENGTH & WIDTH
<b>HOLH</b>	3.25"	48.00" x 10.65"

may be factory installed (contact your sales representative for details).

**MOUNTING** — Monopoint mounting via a 3/4" rigid stem and Heavy Duty Conduit Outlet Box (standard).



## ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

EXAMPLE:

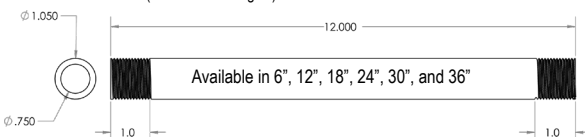
**HOLH-TS 6D 50 96L VWD 1 HOEB**

HOLH-TS		96L				LENS	VOLTAGE	OPTIONS
SERIES	# OF LED MODULES	COLOR TEMP	4D	5D	6D			
	<b>4D</b>	<b>40</b> Neutral White (4000K)	<b>52L</b> 52,000L	<b>70L</b> 70,000L	<b>84L</b> 84,000L	<b>VWD</b> Very Wide 120°	<b>1</b> Multi-Volt <sup>1</sup> <b>2</b> 387~480V	<b>HOEB</b> LED Battery Pack, 90 min, Approx 20W <b>HOEB10W</b> LED Battery Pack, 90 min, Approx 10W <b>AC63</b> 6' x 3X 18AWG, 3/8" dia., Armored Conduit Flex Cable <b>AC64</b> <sup>2</sup> 6' x 4X 18AWG, 3/8" dia., Armored Conduit Flex Cable <b>AC103</b> 10' x 3X 18AWG, 3/8" dia., Armored Flex Conduit W/ 12' BLK/WHT/GRN Wire <b>DLP</b> Dimming Leads Pulled <b>WOC</b> Fixture Mount PIR Motion Sensor On/Off Only <b>WOCLEV</b> <sup>3</sup> Fixture Mount PIR Occupancy Sensor with Daylight Harvesting <b>WOCBT</b> <sup>4</sup> Bluetooth Mesh Wireless Smart Control <b>EL400FS</b> <sup>5</sup> Sensor extension with wire-through for sensor alignment <b>C1</b> 6' Cord Set, Twist-lock 120V <b>C2</b> 6' Cord Set, Twist-lock 277V <b>C4</b> 6' Cord Set, Twist-lock 480V
	<b>5D</b>	<b>50</b> Cool White (5000K)	<b>54L</b> 54,000L	<b>73L</b> 73,000L	<b>88L</b> 88,000L			
	<b>6D</b>		<b>56L</b> 56,000L	<b>77L</b> 77,000L	<b>92L</b> 92,000L			
			<b>59L</b> 59,000L	<b>80L</b> 80,000L	<b>96L</b> 96,000L			
			<b>61L</b> 61,000L					
			<b>64L</b> 64,000L					
			<b>66L</b> 66,000L					

## ACCESSORIES (Order as separate line items)

**HDHK75** (3/4" Heavy Duty Conduit Outlet Box with Ball Type Hanger  
**100265XX** Stem 3/4-14 NPS Steel (replace "xx" with 6", 12", 18", 24", 30", or 36")

**100265xx**  
Stem 3/4-14 NPS Steel (xx = Various Lengths)



**HDHK75**  
3/4" Heavy Duty Conduit Outlet Box with Ball Type Hanger



## NOTES

- <sup>1</sup> = Multi-Volt is an auto ranging power supply from 100V to 300V input
- <sup>2</sup> = Must be used with HOEB if AC is required
- <sup>3</sup> = PIR Occupancy Sensor Input voltage 120-347V
- <sup>4</sup> = Bluetooth Mesh Wireless Smart Control
- <sup>5</sup> = Must be ordered as a separate line item, and along with one of the WOC options.



# HOLH-TS High Output LED Linear High Bay - Tennis/Sports

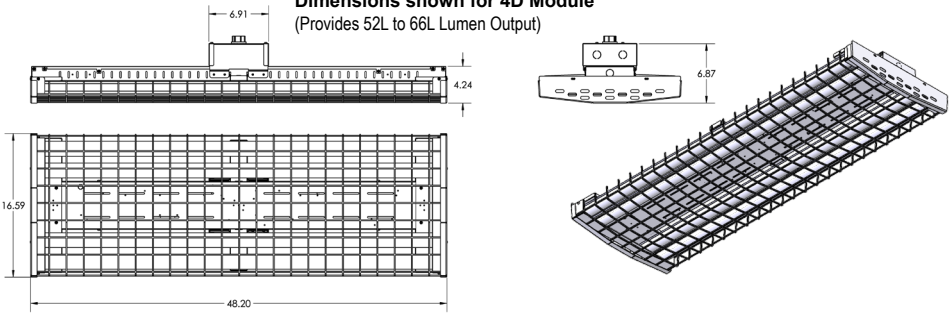
## LUMINAIRE CHARACTERISTICS

Lumen I.D.	Nominal Lumens	# of LED Modules	Delivered Lumens / Very Wide 120° Optics	System Wattage	LPW	Amperage Draw					
						120V	208V	240V	277V	347V	480V
52L	52,000	4D	51,552	346	149.10	2.9	1.7	1.4	1.2	1.0	0.7
54L	54,000	4D	53,776	366	146.80	3.1	1.8	1.5	1.3	1.1	0.8
56L	56,000	4D	56,120	386	145.40	3.2	1.9	1.6	1.4	1.1	0.8
59L	59,000	4D	58,664	407	144.30	3.4	2.0	1.7	1.5	1.2	0.8
61L	61,000	4D	61,200	427	143.30	3.6	2.1	1.8	1.5	1.2	0.9
64L	64,000	4D	63,820	448	142.50	3.7	2.2	1.9	1.6	1.3	0.9
66L	66,000	4D	66,360	467	142.00	3.9	2.2	1.9	1.7	1.3	1.0
70L	70,000	5D	70,150	483	145.40	4.0	2.3	2.0	1.7	1.4	1.0
73L	73,000	5D	73,330	509	144.20	4.2	2.4	2.1	1.8	1.5	1.1
77L	77,000	5D	76,500	534	143.30	4.4	2.6	2.2	1.9	1.5	1.1
80L	80,000	5D	79,775	560	142.50	4.7	2.7	2.3	2.0	1.6	1.2
84L	84,000	6D	84,180	579	145.30	4.8	2.8	2.4	2.1	1.7	1.2
88L	88,000	6D	87,996	610	144.30	5.1	2.9	2.5	2.2	1.8	1.3
92L	92,000	6D	91,800	640	143.40	5.3	3.1	2.7	2.3	1.8	1.3
96L	96,000	6D	95,730	671	142.70	5.6	3.2	2.8	2.4	1.9	1.4

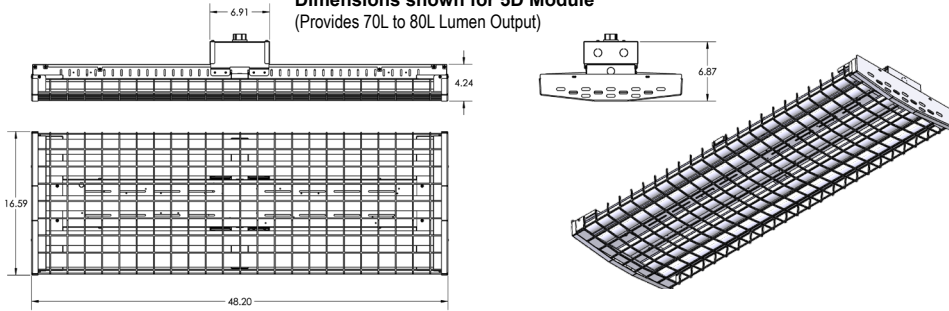
ANSI 4000K & 5000K CCT HOLHxD Performance Data [L70 >50K @ 25°C]

## FIXTURE DIMENSIONS

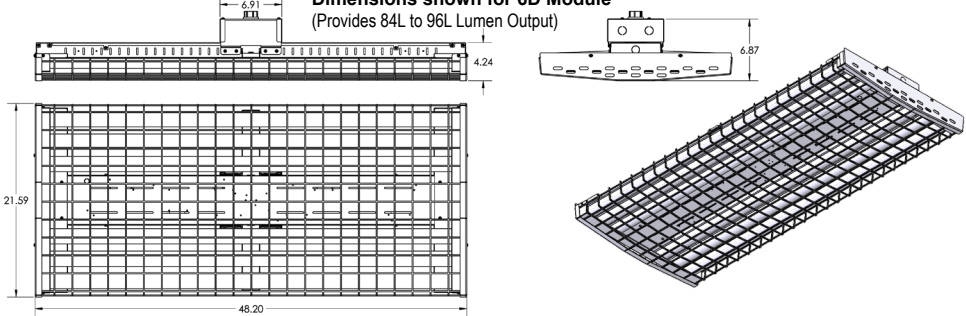
Dimensions shown for 4D Module  
(Provides 52L to 66L Lumen Output)



Dimensions shown for 5D Module  
(Provides 70L to 80L Lumen Output)



Dimensions shown for 6D Module  
(Provides 84L to 96L Lumen Output)



## OPTIONS

**HOEB**  
LED Battery Pack, 90 min



**AC63 and AC64**  
6', 3x or 4x 3/8" dia., Armored Conduit  
Flex Cable



**WOCLEV**  
Fixture Mount PIR Occupancy Sensor



(More Sensor info on pg. 3)

**WOCBT**  
Bluetooth Mesh Wireless Smart Control



**C1, C2 and C4**  
6' Cord Sets with NEMA Style  
Twist-lock Plug



# HOLH-TS High Output LED Linear High Bay - Tennis/Sports

## FIXTURE MOUNT SENSOR

The **WOCBT** and **WOCLEV** PIR Fixture Mount Occupancy Sensors offer a comprehensive and user-friendly solution for intelligent lighting control in high and low bay applications. These easy-to-program sensors seamlessly integrate with existing LED fixtures using a standard 1/2" knockout, eliminating the need for complex wiring configurations.



### WOCLEV PIR

Both highbay and lowbay lens are provided with sensor. Highbay lens is factory installed as standard. Lowbay lens must be field installed unless otherwise requested.



### WOCBT PIR

HOLH 2D model shown with dimming occupancy sensor with bluetooth mesh technology.

### ANDROID & IOS APP AVAILABLE FOR BLUETOOTH CONTROLLER



Android



IOS

### EL400FS extension with SENSORS

**APPLICATION** — Sensor extension with wire-through for optimal sensor alignment, avoiding fixture obstructions to ensure a full range of view.

#### EL400FS - Wire-through motion sensor extension

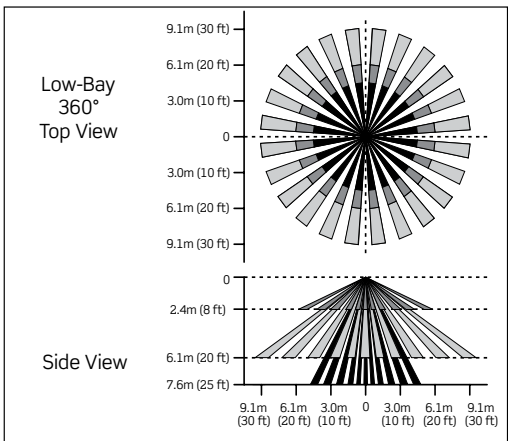
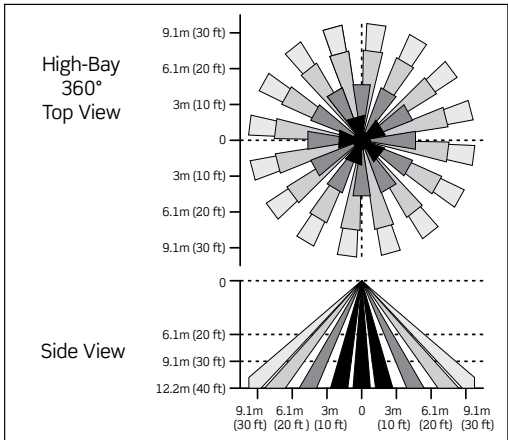


**WOCLEV** - Fixture Mount PIR Occupancy Sensor

**WOCBT** - Bluetooth Mesh Wireless Smart Control

Order EL400FS as a separate line item along with one of the sensors above.

## WOCLEV PIR LENSES FIELD OF VIEW



### KEY FEATURES:

- **1-10V Dimming Control (0-100%)**: Precisely adjust light levels based on occupancy and ambient daylight, maximizing energy savings.
- **Integrated Photocell with Patented AutoCal™**: Automatically adapts lighting based on natural light, with set-it-and-forget-it calibration
- **Interchangeable Lenses (360°)**: Optimize detection for high bay (up to 40ft) or low bay environments with included lenses.
- **Universal Compatibility**: Works seamlessly with a wide range of LED fixtures.
- **Cold Storage Ready**: Available in a model suitable for temperatures as low as -40°F.

### SIMPLIFIED INSTALLATION:

The **WOCBT** and **WOCLEV** sensors install directly onto your LED fixture through a standard 1/2" knockout using the provided locknut. Factory-connected wiring eliminates complex configurations, ensuring a quick and hassle-free setup.

### ADDITIONAL FEATURES:

- **Suitable for standard and cold storage applications.**
- **Visual RGB LED indicators** provide clear device status and simplify troubleshooting.
- **Alternating relay software** extends lamp life.
- **Adjustable time delay (no power required)** for customization.
- **Pre-stripped color-coded wire leads** for efficient connection.
- **Quicksnap feature** for easy installation.
- **H.I.S. (High Inrush Stability) Technology** ensures smooth operation.
- **Zero crossing circuitry** protects electrical components.
- **Robust mechanical latching relay** delivers reliable performance.
- **Relay always returns to close after power loss event** for consistent operation.
- **UL listed for electronic driver loads 120/277V** guarantees safety and compliance.

### IDEAL APPLICATIONS:

- Warehouses • Manufacturing Facilities • Gymsnasiums
- Auditoriums • Retail Spaces (with high ceilings)