

# FHBR – FLUORESCENT HIGH BAY

## T5 Industrial Luminaire



### APPLICATION FEATURES

Mid level, specification grade, fluorescent industrial fixture. Lighting distribution and energy efficiency makes this luminaire ideal as an HID substitute. Fluorescent lamps offer instant warm up and restrike as well as maintained lumen output. For use in indoor applications where high efficiency, high performance and ease of installation are required. Suitable for surface or suspended mounting individually or in continuous rows. High ceiling application. Available with high reflectance (95%) VF-1 reflector.

### CONSTRUCTION

Die and brake formed, 20 gauge cold rolled steel housing assembly.

### MOUNTING

Knock out is provided for single stem mounting (3/4" rigid pipe). Optional stem and canopy sets are available in multiples of six inches. Optional dual hooks and mounting channel assembly, to be used wherever uniform fixture alignment within rows is critical. Ideal for new installations. Provision for chain mounting included.

### FINISH

Powder painted white housing. High reflectivity coated, reflecting surfaces for improved efficiency.

### OPTICS

Standard reflectors are solid and are coated with a durable, high reflectance white finish. Optional VF-1 reflectors are made of specular low iridescence, anodized aluminum with a reflectivity of 94% or better.

### ELECTRICAL

All electrical components are CSA or UL approved. Lamp holders provided ensure positive lamp retention. Lamp holders with rotary locks are available. Electronic ballast is standard. The standard voltage is 120V, 60 Hz, or as specified. Units suitable for multi-voltages and suitable for 50-60 Hz are also available. See Product Selection for optional ballasts. Sufficient knockouts are provided on the back and ends for connections and through wiring.

### APPROVALS

Approved to UL standards. (CSA, or equivalent, marked only when specified.)

### OPTIONS

- Polycarbonate rotary lock lampholders.
- Dimming ballasts.
- Multi-circuit branch wiring.
- Dual hooks and mounting channel assembly.
- No cartons - Bulk packed and wrapped on pallets.
- VF1- 95% reflectance, specular anodized aluminum reflector.

### OPTIONAL ADDERS

- Heavy duty wire guards. Powder coated white finish, comes with mounting hardware.
- Emergency lighting power pack.
- Motion sensor and assembly.
- Chain sets.
- Stem and canopy sets.
- Flexible cord feed.
- Lamps included but not installed.

### FEATURES

Reflector optic system was designed specifically for aisle lighting.

HID alternative or replacement.

Replaces 250 or 400 watt.

Up to 50% energy savings compared to equivalent metal halide luminaire.

Surface, stem, or chain mountable.

High reflectance internal reflector.

Available with 2, 3 or 4 lamps in nominal 4' and 8' tandem.

Optional upright component.

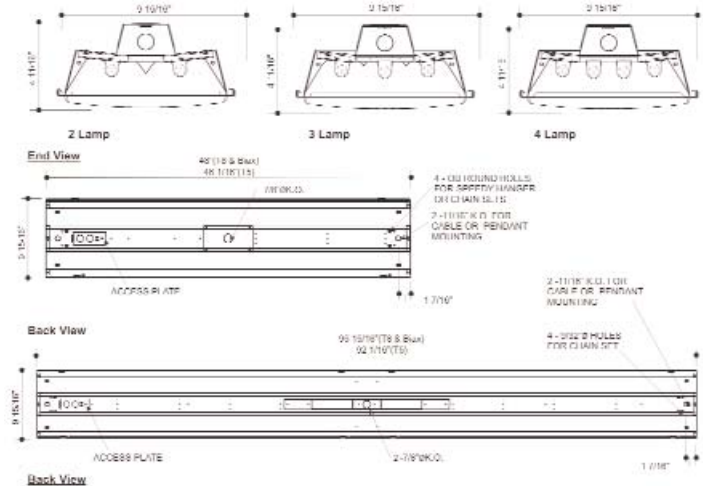
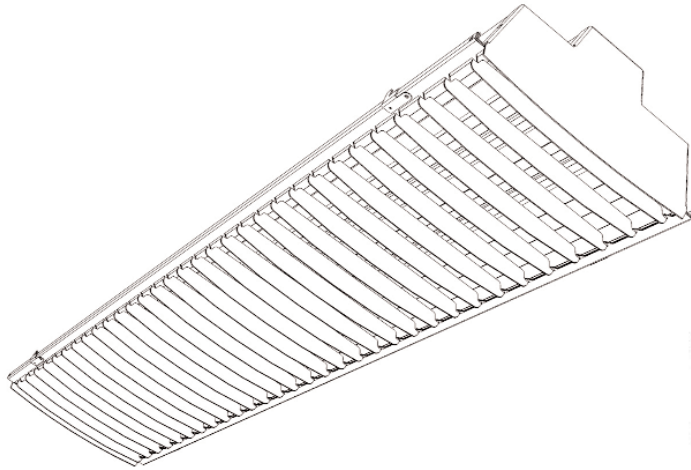
Uses T5, T8 or Biax lamps.

### APPLICATION

Big Box Retail Stores  
Gymnasiums  
High Bay Lighting  
Manufacturing Areas  
Large Storage Rooms  
Warehouse Areas  
Warehouse Aisles

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### BALLAST DESCRIPTION

<b>FHBR</b>	<b>4</b>	<b>48</b>	<b>VF1</b>				<b>- 2</b>	<b>x 2</b>	<b>32</b>	<b>IS</b>		<b>T8</b>	<b>ELE</b>		<b>347 V</b>	
	<b>No. of Lamps/ Cross Section</b>	<b>Nom. Lamp Length (In)</b>			<b>Market</b>		<b>No. of Ballasts</b>		<b>No. of Lamps/ Ballasts</b>	<b>Ballast Type</b>		<b>Lamp Type</b>		<b>Circuit Type</b>	<b>Voltage</b>	
	2 3 4	46 48			- Canada USA - USA + Canada		1 2		2 3 4	IS - Instant Start PS - Program Start RS - Rapid Start HO - High Output		T5 - T5 T8 - T8 PLL - Biax/ PLL		ELE - Electronic	120 277 347 U - Univ. 120-277	
			<b>Tandem</b> /2 - Single Housing							<b>Lamp</b> 28 - 46" T5 32 - 4' T8 54 - 46" T5 HO 40 - Biax/PLL 50 - Biax/PLL 55 - Biax/PLL						<b>Frequency</b> - 60Hz Dc - Dc 50Hz - 50Hz UHz - Univ. (0-60Hz)
				<b>Options</b>							<b>Starting Temp. °F</b> - 50°F 0 - 0°F					<b>Characteristics</b> DIM - Dimming * - Other- (Consult w/ Factory)
	<b>Wiring</b> - None RL1 - Rotary Lock Lampholder RL2 - Locking Lampholder (Biax Only)	<b>Reflector</b> - White Reflector VF1 - 95% Reflectance Specular Alum. Reflector			<b>Other</b> - None SF2 - Uplight Slots LB3 - White Straight Blade Baffle * - Please Specify (Consult w/ Factory)						<b>Optional Accessories</b>					
											<b>Electrical</b> EL1 - Emergency Battery Pack MS2 - Motion Sensor & Assembly LMP2 - Lamps Included (Not Installed) CD1 - Flexible Cord Feed CD2 - 2 Circuit Cord CD8 - 3 Circuit Cord CD9 - 4 Circuit Cord	<b>Mounting</b> CH1 - Chain Set DHMC - Dual Hook & Mounting Channel Assembly ACXX - Aircraft Cable & Canopy Set, 6" Increments - xx" CCXX - Stem & Canopy Set 1/2" IP (3/4"OD), 6" Increments - xx"	<b>Wireguard</b> - None WGHD2 - Wireguard WGZP1 - Wireguard Heavy Duty Zinc Plated			<b>Other</b> - None * - Please Specify (Consult w/ Factory)

**Example:**  
FHBR 448 VF1 - 2x232 IS T8 ELE 347V