

# FHBK Fluorescent High Bay K

Premium-Grade High-Performance Wide Beam Luminaire

Project	
Туре	
Date	
Cat #	

# **Application Features**

Premium-grade high or low bay luminaire. For use with indoor applications where high-efficiency, high-performance and ease of installation are required. This luminaire's wide body and wide beam light distribution makes it ideal as an HID alternative or replacement.



# Specifications

#### Optical System

CNC brake-formed, multi-faceted optimized reflector is available in a variety of finishes, materials and configurations. Specular aluminum reflector with a minimum reflectance of 95% is standard. The protective layer provided is to be removed during installation which ensures a clean, blemish-free reflective surface.

#### Mounting

Speedy hangers or chain mounting options available. QuickInstall Option allows for pre-installation of wiring chamber on a single stem for easy and fast fixture hanging.

#### Construction

Die and brake-formed, code gauge steel housing assembly. End-caps may be butted together for continuous row-mounting. Wiring access plate and knockouts are provided on back of housing.

#### Finish

Prepainted, high-reflectance white housing, white, polyester powder painted endcaps.

#### Electrical

Knockouts are provided for connection and through wiring. Sufficient knockouts are provided for connections and through wiring.

#### Approvals

Approved to CSA and UL standards.

## **Features**

- Replaces 250, 400, 1000 watt HID luminaires
- Up to 50% energy savings compared to equivalent metal halide luminaire
- Available with 4, 6, 8 or 10 lamps (T5 and T8 configurations)

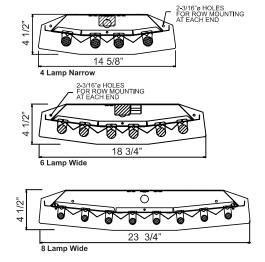
# **Options & Adders**

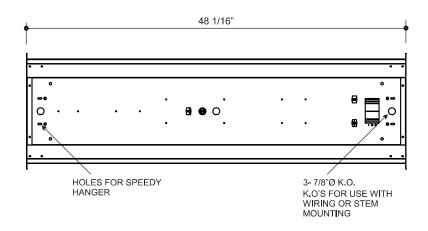
- 92% high-performance white aluminum reflector available
- Multi-level switching
- Dimmable and Emergency ballast
- Radio interference filter (120V 277V)
- Heavy-duty wireguards with powder coated white finish and comes with mounting hardware
- Flexible cord feed
- Motion sensor and assembly
- · Chain, Stem and Canopy sets

# **Applications**

- Manufacturing and Warehouse Areas
- Multi-Purpose Rooms
- Retail Stores and Supermarkets

# **Dimensions**





**Back View** 

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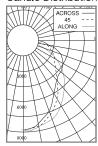
# **FHBK** Fluorescent High Bay K

VISIONEERING

Premium-Grade High-Performance Wide Beam Luminaire

# Photometrics - FHBK648-T5HO54PUNV-B59VF1 - Efficiency 95.1%

# Candle Distribution



Luminance Summary-CD. /	SQ. M.

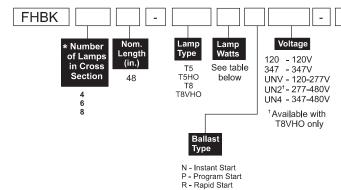
ANGLE	ALONG	45	ACROSS
45	15874	11941	12285
55	14594	11568	13776
65	12613	12933	15635
75	9227	15107	16971
85	1688	14670	17015

#### Candle Power Summary

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ZONE	LUMENS	% LAMP	% LUMINAIRE
0 - 30	6422	24.05	25.30
0 - 40	10167	38.08	40.05
0 - 60	17565	65.79	69.19
0 - 90	24430	91.50	96.23
40 - 90	14263	53.42	56.18
60 - 90	6865	25.71	27.04
90 - 180	956	3.58	3.77
0 - 180	25387	95.09	100.00

Options

# Ordering



* Body Width & Alternate Lamp Options			
# of Lamps Body Width		Alt, No. of Lamps	
4	14.625"	3L	
6	18.75"	4L	
8	23.75"	4L, 6L or 10L	

## Example:

#### FHBK648-T5HO54PUNV-6LM35M10

#### **Lamp Watts**

	Nominal Lamp Watts			
Length	T5	T5HO	T8	T8VHO
48	28	54	32	84

Other options may be available consult factory. Specifications and data subject to change without notice.

#### \*Alternate Lamp Options

3L	3 lamps
4L	4 lamps
6L	6 lamps
8L	8 lamps
10L	10 lamps

<u>Ballast Options</u> (See Option Code Section For More Information)

	B02	Dimming Addressable Digital (dali
	B03	Dimming Low Voltage (0-10v)
_	DO4	Dinamina Lina Valtaga

Dimming Line Voltage High Ballast Factor B08

Low Ballast Factor B30 Emergency Lighting Battery Pack Spec Grade Emergency Lighting Battery Pack 1-lamp Emergency Lighting Battery Pack 2-lamp B33 B34

# **Packaging Options**

□ K0 Pack Bulk/ Pallet Packed and/pr Wrapped

# **Mounting Options**

M10(xx) Mounting Chain Set (specify length (xx) in ft)

#### Mounting Speedy Hangers

M26(xx) Mounting Stem and Canopy Set 3/8-in NPT (5/8-in OD) 

(specify length (xx))

☐ M34(xx) Mounting Stem and Canopy Set For Sloped Ceilings 1/2-in NPT (3/4-in OD) (specify length (xx) in 6-in increments)

□ M35 Mounting Deck Plate Ribbed Square (To be used with

M10 Chain option when ordering)

□ M49 Single Stem Mount Box Type

(flexible for 1/2-in or 3/4-in pipe-by others)

Reflector Options (95% Specular Aluminum Is Standard) Reflector White Full □ R05 (92% Reflectance)

## Wiring Options

Flexible Feed Cord (single circuit only) 6ft Standard Motion Sensor with Enclosure Assembly V08

V21 

Radio Interference Filter V25 V31 Wiring 1-Switch Lead

V32 Wiring 2-Circuit Cord Wiring 2-Switch Leads V33

П V34 Wiring 3-Circuit Cord

#### Wireguard Options

Wireguard Heavy Duty Painted W1

#### **Approval and Rating Options**

□ X7 Dual CSA/USA Market