

### FHBM Fluorescent High Bay M

Premium-Grade Narrow 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 compact design and narrow beam light distribution makes it ideal as an HID alternative.



## 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. Optional uplight component available.

#### Mounting

Knockout is provided for stem-mounting (1/2 inch NPT rigid pipe). Optional stem and canopy sets are available in multiples of six inches. 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. Knockouts are provided for conduit attachment.

#### Finish

White, polyester powder painted housing.

#### Electrical

Rotary lampholders ensure positive lamp rentention. Sufficient knockouts are provided for connections and through wiring.

#### Approvals

Approved to CSA and UL standards.

### Features

- Replaces 250, 400 watt HID luminaires
- Up to 50% energy savings compared to equivalent metal halide luminaire
- Narrow beam lighting distribution for aisle ways and general lighting
- Available with 2, 3, 4, 5, 6 or 8 lamps (T5 and T8 configurations)
- Suitable for stem or chain mounting

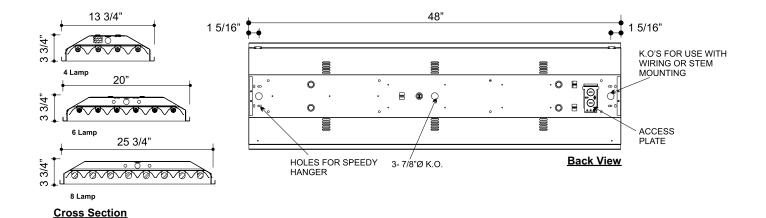
### **Options & Adders**

- High-performance reflector with various finishes and configurations available
- Multi-level switching
- Dimmable and Emergency ballast
- Radio interference filter (120V 277V)
- White wireguard
- · Deck plate mounting assembly
- Speedy hangers
- · Motion sensor and assembly

#### Applications

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

### Dimensions



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#### Photometrics - FHBM648-T5HO54PUNV-VF1 - Efficiency 86.40%

Candle Distribution	Luminance Summary-CD. / SQ. M.				
ACROSS 45	ANGLE	ALONG	45	ACROSS	
	45	21762	10889	8963	
	55	20475	8349	8113	
	65	18120	7137	5594	
6000	75	13698	3585	1314	
9000	85	2786	0	0	

Candle Power Summary							
ZONE	LUMENS	% LAMP	% LUMINAIRE				
0 - 30	8677	32.50	37.60				
0 - 40	13126	49.20	56.90				
0 - 60	20239	75.80	87.70				
0 - 90	23077	86.40	100.00				
40 - 90	-	-	-				
60 - 90	-	-	-				
90 - 180	-	-	-				
0 - 180	23077	86.40	100.00				

