

# HHB Series

## Highbay Unit

This cost effective PHB Series is ideal for use in commercial and industrial areas where high bay installation is required. The PHB Series is an energy efficient direct replacement for Metal Halide High Bay Units.

**Construction:** This high efficiency industrial unit is designed from heavy gauge die formed aluminum for reduced weight and maximum heat dissipation. Heat removal vents are included to reduce heat buildup in electrical raceway. End Plates are designed from heavy gauge die formed steel for strength durability. Units are finished in a white polyester powder coating for maximum reflectivity. Reflector is designed from multifaceted 95% specular reflective aluminum designed to maximize efficiency and increase performance.

**Electrical:** All units are furnished with UL Listed Class P thermally protected ballast. Other voltages are available upon request. Fixtures meet requirements for UL Luminaire Standard # 1598. All units comply with National Energy Standard. All units are UL certified damp location M 59006648

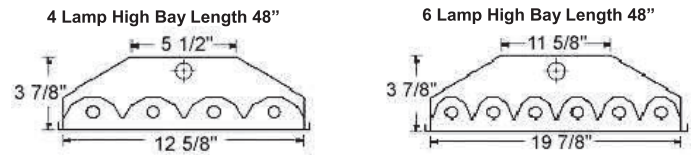
**Mounting:** Unit is equipped with slots for chain or cable hanging and knockouts for pendant mounting. Unit can be mounted individually or in continuous run. 7/8" knockouts are provided in back and end plates for conduit connector.

### WARRANTY & LISTINGS:

- 5-year warranty of all electronics and housing.
- UL Certified for damp location M 59006648



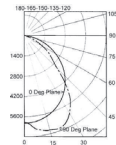
### DIMENSIONS



Fixture Length	
T8 Length	T5 T5HO Length
F32T8 48"	F28T5 F54T5HO 46"

Coefficients Utilization Zonal Cavity Method

RC	20					
	80%	70%	50%	30%	20%	10%
1	105	102	99	96	93	94
2	96	89	81	93	86	80
3	90	81	56	87	80	74
4	82	73	47	80	74	66
5	78	65	40	74	64	58
6	70	58	35	68	57	51
7	64	53	30	64	53	44
8	60	48	26	58	46	40
9	55	42	23	53	42	35
10	51	39	21	50	39	32



### Ordering Guide

Max weight = 30Lbs / 48"

Series	# of Lamps	Lamp Size	Ballast Type	Options
HHB	4= 4 Lamp 5= 5 lamp 6= 6 lamp 8= 8 Lamp	T8 32 = F32T8 T5 28 = F28T5 T12 40 = F40T12 T5HO 54 = F54T5"	120 = 120V MV = Multivolt E-LW = Electronic .77 BF E-O = Electronic 1.18 BF E-DIM = Dimming Unit SET LED N = Wired 1 end hot for LED tubes SET LED N/S = Wired 2 ends hot for LED tubes W/LEDIF = LED ballast driven tubes NB= Non-Ballasted	EMB = emergency ballast 2BAL = 2 ballast DOOR-C = Clear Lens DOOR-P = Prismatic Lens WG = Wire guard OCC-E = External Occupancy Sensor OCC-I = Internal Occupancy Sensor POLY= Polycarb lens REF-WH = White Reflector