

PHB 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 Luminare Standard # 1598. All units comply with National Energy Standard. All units are UL certified damp location M 59006648

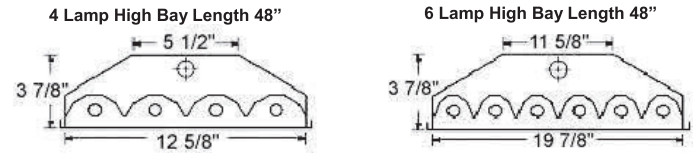
Mounting: Unit is equipped with slots for chain or cable hanging and knockouts for pendant mounting. Unit can be mounted individually or in continuous run. 7/8" knockouts are provided in back and end plates for conduit connector.

WARRANTY & LISTINGS:

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



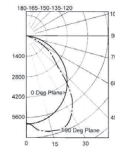
DIMENSIONS



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

Coefficients Utilization Zonal Cavity Method

| RF | 20 | | | | | | | | | | | |
|----|-----|-----|----|----|-----|----|----|----|-----|----|----|----|
| RC | 80% | | | | 70% | | | | 50% | | | |
| AW | 70 | 50 | 30 | 70 | 50 | 30 | 50 | 30 | 50 | 30 | 50 | 30 |
| 1 | 105 | 102 | 99 | 96 | 95 | 94 | 94 | 93 | | | | |
| 2 | 96 | 89 | 81 | 93 | 86 | 80 | 82 | 80 | | | | |
| 3 | 90 | 81 | 56 | 87 | 80 | 74 | 78 | 72 | | | | |
| 4 | 82 | 73 | 47 | 80 | 74 | 66 | 70 | 64 | | | | |
| 5 | 76 | 65 | 40 | 74 | 64 | 58 | 63 | 56 | | | | |
| 6 | 70 | 58 | 35 | 68 | 57 | 51 | 57 | 50 | | | | |
| 7 | 64 | 53 | 30 | 64 | 53 | 44 | 51 | 45 | | | | |
| 8 | 60 | 48 | 26 | 58 | 46 | 40 | 46 | 39 | | | | |
| 9 | 55 | 42 | 23 | 53 | 42 | 35 | 41 | 34 | | | | |
| 10 | 51 | 39 | 21 | 50 | 39 | 32 | 38 | 31 | | | | |



Ordering Guide

Max weight = 30Lbs / 48"

| PHB | | | | | |
|--------|------------|-------------|-------------|--|---|
| Series | # of Lamps | Lamp Size | | Ballast Type | Options |
| PHB | 4= 4 Lamp | <u>T8</u> | <u>T5</u> | 120 = 120V | EMB = emergency ballast 2BAL = 2 ballast DOOR-C = Clear Lens DOOR-P = Prismatic Lens WG = Wire guard OCC-E = External Occupancy OCC-I = Internal Occupancy S POLY= Polycarb lens REF-WH = White Reflector |
| | 5= 5 lamp | | | MV = Multivolt | |
| | 6= 6 lamp | 32 = F32T8 | 28 = F28T5 | E-LW = Electronic .77 BF | |
| | 8= 8 Lamp | | | E-O = Electronic 1.18 BF | |
| | | <u>T12</u> | <u>T5HO</u> | E-DIM = Dimming Unit | |
| | | 40 = F40T12 | 54 = F54T5" | 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 | |