Specification-Grade Suspended-Mount High-Performance Uniform, Multi-Light Level Compact Fluorescent Luminaire

| Project |
| Type |
| Date |
| Cat # |

Application Features

Specification-grade high or low bay luminaire. For use with indoor applications where high-efficiency, high-performance and ease of installation are required. Symmetric light distribution makes this luminaire ideal as an HID retrofit or replacement.

Specifications

Optical System

The standard acrylic refractor is clear, linear prismatic designed for high-efficiency and low-glare illumination. A polycarbonate refractor is optional for high-impact applications. Optional metalized refractors are available to eliminate uplight component. All refractors have optional lenses available in acrylic and polycarbonate in flat, conical and drop configurations.

Mounting

Standard mounting is 3/4 inch conduit hub for pendant mounting (Stem and canopy sets supplied by others). Optional hook and cord set available.

Construction

CNC brake-formed, heavy-gauge steel housing assembly. Ballast cover hinges and is secured with a captive quarter-turn fastener for easy access. Louvered ventilation openings are provided. Prismatic diffuser is securely retained with pivoting metal clips which allow for easy field removal. Stainless steel spring heavy-duty clamp band with tightening capability is provided with optional acrylic or polycarbonate bottom lens. Optional tether cable is available for retaining bottom lens during relamping.

Finish

White, polyester powder painted housing.

Electrical

Sufficient knockouts are provided for connections and through wiring.

Approvals

Approved to CSA and UL standards.

Features

- Ideal for high bay or low bay applications
- HID alternative, replacement or retrofit
- Replaces 175, 250, 400 watt HID luminaires
- Up to 50% energy savings compared to equivalent metal halide luminaire
- Symmetric light distribution
- Uses 4-pin compact or long compact fluorescent lamps
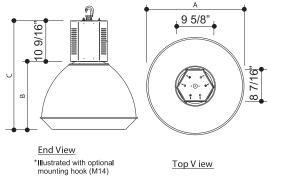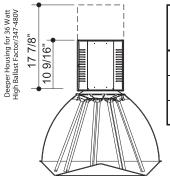- Available with 3, 4, 5, 6, 8 or 9 lamps (PLL and PLT/PLH configurations)

Options & Adders

- Dimmable and Emergency ballast
- Radio interference filter (120V - 277V)
- Metalized refractor available in acrylic or polycarbonate
- Zinc plated wireguard, bottom only
- Multi-circuit cords for multi-level switching

Applications

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

HIGHBAY LIGHTING

Dimensions

10 9/16"

End View
*Illustrated with optional mounting hook (M14)

9 5/8"
8 7/16"

Top View

Deeper Housing for 36 Watt
High Ballast Factor/347-480V
17 7/8"
10 9/16"

Cross Section
*Illustrated with 25 inch refractor (see product key)

NOMINAL SIZE	A (in)	B (in)	C (in)
22"	22 1/8	13 3/8	26 13/16
25"	25 1/8	17 1/2	28 1/16
25" (UN4)	25 1/8	17 1/2	34 3/4

FHBP
Fluorescent High Bay P

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Visioneering

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Photometrics - Please consult www.viscor.com for photometric results.

Ordering

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Typical Number Of Lamps In Cross Section

3
4
5
6
8
9

Lamp Watts

85 (PLH)
120 (PLH)
26 (PLT)
*36 (PLL)
32 (PLT)
42 (PLT)
57 (PLT)

Voltage

120 - 120V
277 - 277V
347 - 347V
UNV - 120-277V
UN4 - 347-480V

Lamp Type

PLH
PLL
PLT

Ballast Type

P - Program Start

*Suitable for 25 inch reflector housing only.

Ballast Options
(See Option Code Section For More Information)
- ☐ B02 Dimming Addressable Digital (dali)
- ☐ B03 Dimming Low Voltage (0-10v)
- ☐ B04 Dimming Line Voltage
- ☐ B08 High Ballast Factor
- ☐ B09 Low Ballast Factor
- ☐ B30 Emergency Lighting Battery Pack Spec Grade
- ☐ B33 Emergency Lighting Battery Pack 1-lamp
- ☐ B34 Emergency Lighting Battery Pack 2-lamp

Finish Options (select one only)
(White is Standard)
- ☐ F01 Black
- ☐ F14 Silver

Mounting Options
- ☐ M13 Mounting Hook + 3-ft cord type 3-16 SOOW
- ☐ M16 Mounting Pendant 3/4-in NPT (1-in OD)
- ☐ M21 Mounting Safety Chain 3-ft
- ☐ M22 Mounting Safety Lens Tether

Refractor Options (select one only)
- ☐ P19 22-in Diameter Acrylic (Standard)
- ☐ P20 22-in Diameter Acrylic Metalized
- ☐ P21 22-in Diameter Polycarbonate
- ☐ P22 22-in Diameter Polycarbonate Metalized
- ☐ P23 22-in Diameter Polycarbonate Twist-Lock Mount
- ☐ P28 25-in Diameter Acrylic
- ☐ P29 25-in Diameter Acrylic Metalized
- ☐ P30 25-in Diameter Polycarbonate
- ☐ P31 25-in Diameter Polycarbonate Metalized

Lens Options (select one only)
(Stainless Steel With Clamp Band)
- ☐ P24 22-in Diameter Acrylic Flat
- ☐ P25 22-in Diameter Acrylic Drop
- ☐ P26 22-in Diameter Acrylic Conical
- ☐ P32 25-in Diameter Acrylic Inverted Drop
- ☐ P35 25-in Diameter Polycarbonate Inverted Drop
- ☐ P36 22-in Diameter Polycarbonate Flat
- ☐ P37 22-in Diameter Polycarbonate Inverted Drop
- ☐ P38 22-in Diameter Polycarbonate Conical

Fusing and Breaker Options (select one only)
- ☐ T5 In-line Double Pole Fuseholder
- ☐ T6 In-line Single Pole Fuseholder

Wiring Options
- ☐ V05 Cord and 120V Plug - three-wire
- ☐ V08 Flexible Feed Cord (single circuit only) 6ft Standard
- ☐ V24 Plug (specify type)
- ☐ V25 Radio Interference Filter
- ☐ V32 Two Circuit Cord
- ☐ V34 Three Circuit Cord

Wireguard Options
- ☐ W3 Heavy Duty Zinc Wireguard (bottom only)
- ☐ W4 Heavy Duty Zinc (full)

Approval and Rating Options
- ☐ X7 Dual CSA/USA Market

Lamp Options
- ☐ Z1 Lamps Installed (sepcify type)

Example:

FHBP6-PLT42PUNV-B01F01M14P19P24

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

HIGHBAY LIGHTING