



Catalog Number:

Type:

FFB14
T5HO & T8



Cold Storage Enclosed Fluorescent High Bay

Specifications

Reflectors - Precision formed, high performance, 95% total reflectance, segmented optics utilizing Alanod MIRO® 4 specular aluminum warranted for 25 years. Reflector optics are available in a wide variety of photometric distributions and spacing criteria.

Construction - Channel, ends and socket brackets are manufactured from 22-gauge cold rolled steel. Riveted and screwed assembly. Tool-less ballast and wiring access. Double-gasketed door with lens is standard.

- Optional all aluminum construction, specify AL.

Lamp Shielding - Lamp shielding options are provided with a 22 ga., premium polyester powder coat finish door frame with two painted hinges and two painted opposing rotary cam latches. Lenses are held in place with lens clips. Fixture is provided with double gasketing around door frame and lens.

Finish - Standard premium polyester powder coat finish, utilizing a 7-stage pretreatment process of iron phosphate, a non-chromium sealer and a de-ionized water rinse to provide superior adhesion and corrosion resistance. Paint after fabrication standard.

Ballasts - All standard ballasts are electronic, energy saving, thermally protected, Class-P, HPF, non-PCB, Sound Rated A, UL/CSA certified where applicable and comply with © Federal Ballast Law (Public Law 100-357, 1988). Default ballast configuration is for two-lamp ballasts.

Electrical - UL listed wire, rated for required temperatures, used throughout. Lamps are secured with rotary locking lamp sockets for ease of relamping and to reduce lamps disconnecting due to vibration or incidental contact. Luminaire is bi-national listed (UL 1598 and CSA C22.2 No. 250.0-00) and is suitable for damp locations.

Mounting - The luminaire may be suspended by chain, monopoint or cable.

- Accessories are available.

Lamps - Factory installed lamps are available in various CRI ratings, temperature colors and rated life.

Warranty - Standard 1-year warranty for the fixture. Ballasts carry manufacturer warranties of 3-5 years, depending on the application.

Custom Requirements - Consult with your SpecLight Agent to develop custom solutions for any application.

| Fixture Series | |
|--------------------------|-----------------------------|
| FFB14 | 1' x 4' |
| Lamp Configuration | |
| 3 | 3-lamp profile |
| 4 | 4-lamp profile |
| Lamp Type/Wattage | |
| 54T5HO | F54T5HO |
| 32 | F32T8 |
| Photometric Distribution | |
| T1 | Task Beam |
| S1 | Spread Beam |
| Reflector | |
| X20 | MIRO® 4, 0.020" |
| Lamp Shielding | |
| ACL | Clear Acrylic, 0.125" |
| PCL125 | Clear Polycarbonate, 0.125" |
| Voltage | |
| HVOLT | 347 - 480V, 60 Hz |
| MVOLT | 120 - 277V, 60 Hz |
| Ballast Configuration | |
| (blank) | (2) 2-lamp ballast |
| 1/3 | (1) 3-lamp ballast |
| 1/4 | (1) 4-lamp ballast |
| Ballast Type | |
| GEB10PS | 1.0 BF, ≤10% THD, PRS |
| GEB10IS* | Normal BF, ≤10% THD, IS |
| GEB10ISH* | High BF, ≤10% THD, IS |
| Lamps | |
| (blank) | No Lamps |
| LP841 | Std life, 4100°K, 85 CRI |
| LP841A | Amalgam, 4100°K, 82 CRI |
| Options | |
| AL | Aluminum Construction |

* Available only with a Normal Beam distribution.



Applications

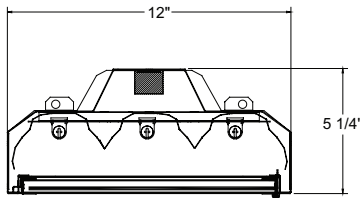
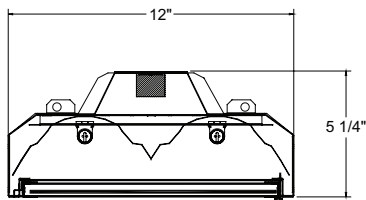
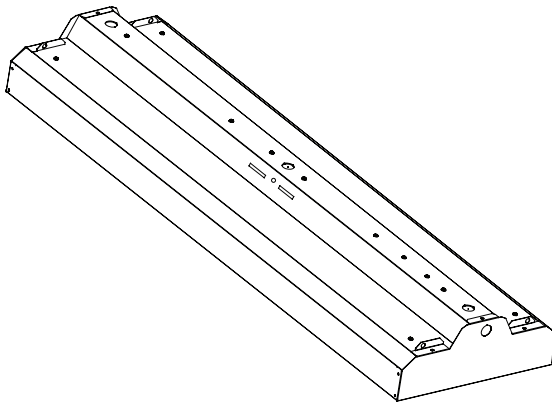
SpecLight's FFB series luminaire is the perfect replacement for HID high bay luminaires. The luminaire is designed for cold storage areas to -20°F to -29°C and may be mounted at heights of 15' to 40'.

Features

High fixture efficiency and optical control deliver the peak candlepower needed to produce desired illumination levels from high mounting heights.

- Instant on/off control
- Improved horizontal and vertical illumination
- 85 CRI (fluorescent) v. 65 CRI (metal halide)
- 95% Lumen Maintenance (fluorescent) v. 63% Lumen Maintenance (metal halide)
- Long life - up to 36,000 hours
- Energy savings of 50% or more vs. HID fixtures

Dimensions



Additional Options (installed on fixture)

- Fusing
- Battery
- Motion Sensor
- Cord Sets

Accessories (order separately)

- Chain Hanger, 36"
- Safety Chain, 24"
- Aircraft Cable, 2-toggle, 18" legs, 10' (2 hangers/kit)
- Aircraft Cable, 2 hooks, 18" legs, 10' (2 hangers/kit)

HBBS36
SCKFV
MHYHKB10
MHYHKB10

Photometrics

SC Across Definitions:

- Focus (SC < 0.9), i.e. F1X12
- Task (0.9 ≤ SC < 1.2), i.e. T1X12
- Normal (1.2 ≤ SC ≤ 1.4), i.e. N1X12, N1D20
- Spread (1.4 < SC ≤ 1.8), i.e. S1X12
- Broad (1.8 < SC), i.e. B1X12

Consult Factory for Photometrics

