

LED High Bay FBX



An economical LED high bay
Enjoy flexibility and savings
along with quality illumination

PHILIPS
Day-Brite

PHILIPS
CFI

Enjoy **flexibility and savings** along with quality illumination



The Philips Day-Brite/Philips CFI LED High Bay FBX is a compact and economical luminaire utilizing the latest in LED technology. With several lumen packages and optical distribution patterns available, the FBX offers exceptional lighting in mid to high ceiling applications. Save energy without straining your project budget or sacrificing your light output.

The 2' FBX is available in both extruded and sheet metal construction (sheet metal shown in photos). It is also available in both narrow (14.75") and wide (24") housings to allow a variety of lumen packages.

FBX08L
FBX12L



FBX16L
FBX20L
FBX24L





The extruded construction of the 4' FBX provides better heat dissipation for higher ambient applications. Available in wide housing only, this luminaire is suitable for high lumen applications.

FBX36L
FBX45L



Gain **versatility** without sacrificing **continuity**

For maximum versatility, the FBX features 7 lumen packages with efficacies up to 115 LPW, 5 optical configurations, and 3 lens options. Its modular design provides the flexibility of different outputs and multiple distributions, all from the same basic luminaire construction, allowing you to choose just the right solution for each space within your application, while maintaining fixture continuity.

FBX with Clear Acrylic Lens (LCA) option



FBX general distribution (no optics)



FBX with Frosted Acrylic Lens (LFA) option



FBX with optics (Narrow, Medium, Wide, or Aisle)

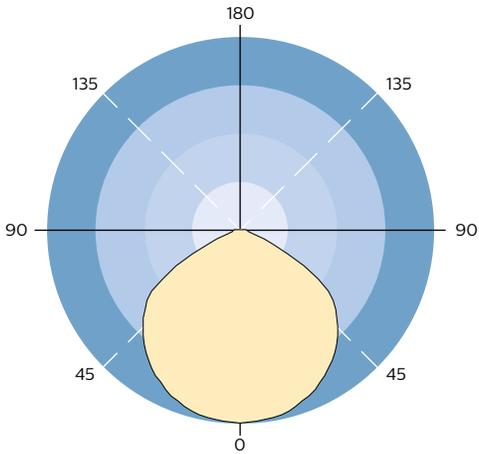


FBX with Prismatic Acrylic Lens (LPA) option

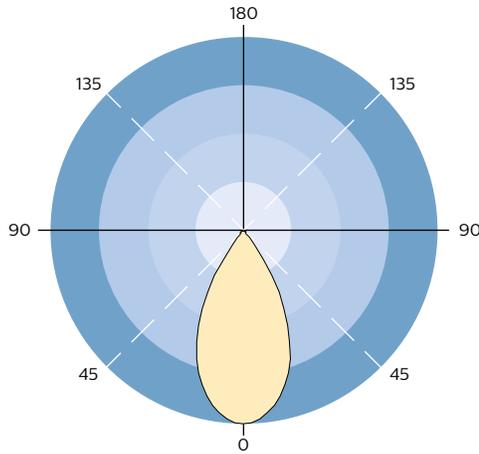


Choose your optical distribution

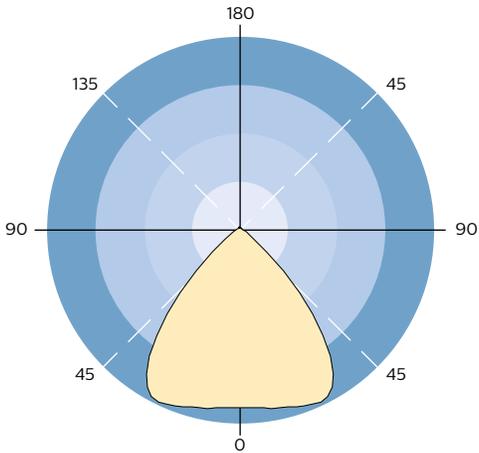
General



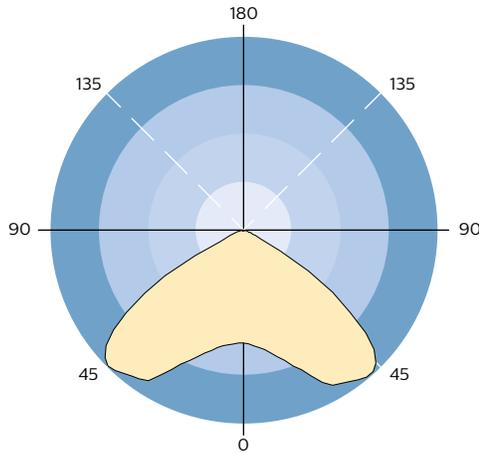
Narrow



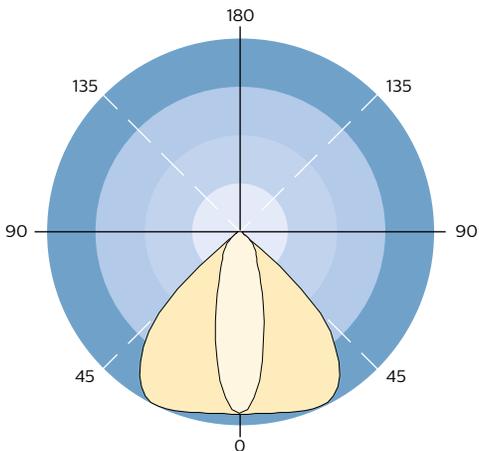
Medium



Wide



Aisle



Each optic is designed for a specific purpose. The general distribution allows a wash of light in any application. The narrow beam allows focused light in higher ceiling areas. The medium beam is tailored for mid mounting heights. The wide beam is perfect for low bay areas or locations with wider fixture spacing. The aisle beam has an asymmetric distribution for aisle or rack areas.

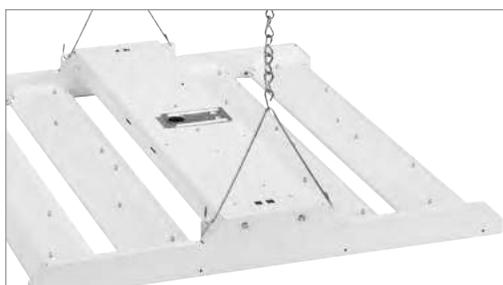
Explore your options

This comprehensive LED high bay family is ideal for illuminating warehouses, industrial areas, big box retail settings, along with many other applications. A variety of mounting options are available, including chain, pendant, and cable. Dimming drivers are standard, and motion detectors are optional to give complete control over energy savings. Wire guards are also available.



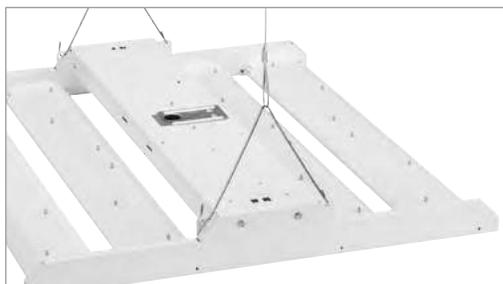
Wire Guards

WG-FBX-2N – wire guard for 8,000 and 12,000 lumen versions
WG-FBX-2W – wire guard for 16,000, 20,000, and 24,000 lumen versions
WG-FBX-4 – wire guard for 36,000 and 45,000 lumen versions



Chain Kit

FBX CHAIN KIT –
54" chains and V brackets



Cable Kit

FBX-GRIP5 –
5' cables and V brackets
FBX-GRIP10 –
10' cables and V brackets



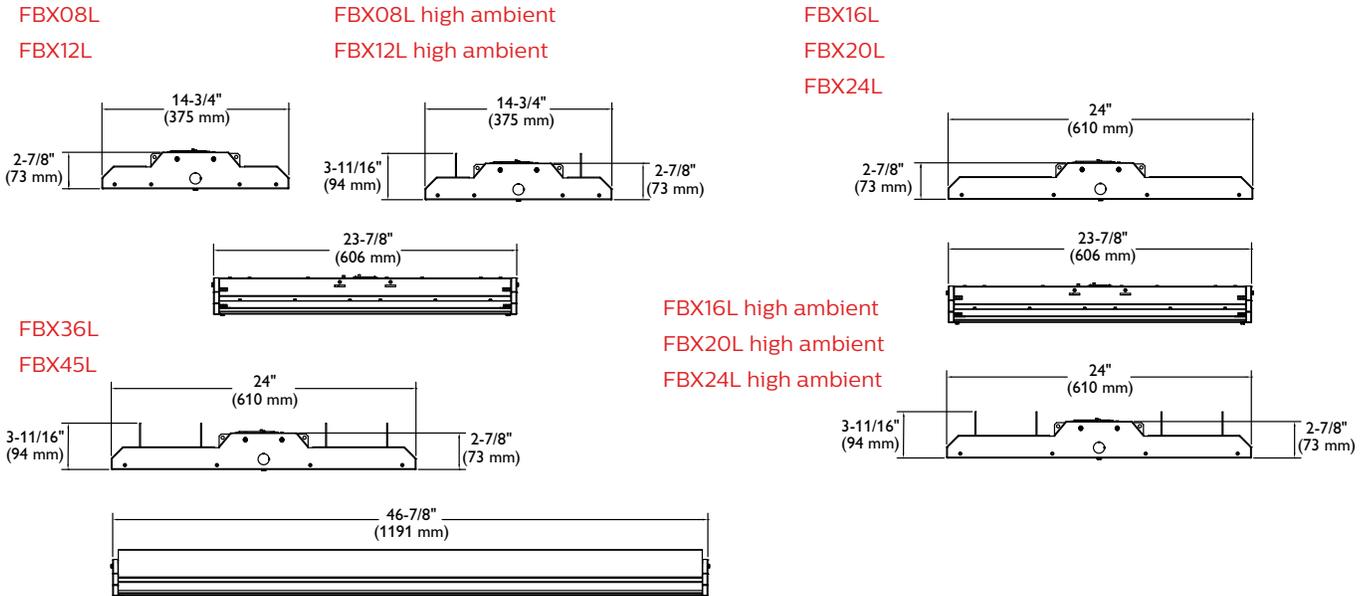
Pendant Hanger

FBX-PENHGR –
pendant hanger



Emergency Option

EMLED – emergency battery
(40°C max)
EMLEDC – emergency battery
cold temp (40°C max)



Ordering guide

example: FBX24LL40-UNV

Family	Lumens	Lamp Source	CCT	Voltage	Optics	Options
FBX		L				
FBX	08L 8,000 nominal delivered lumens 12L 12,000 nominal delivered lumens 16L 16,000 nominal delivered lumens 20L 20,000 nominal delivered lumens 24L 24,000 nominal delivered lumens 36L 36,000 nominal delivered lumens 45L 45,000 nominal delivered lumens	L LED	40 4000K (CRI 80) 50 5000K (CRI 80)	UNV 120-277V 120 120V 208 208V 240 240V 347 347V 480 480V	Blank General Distribution N Narrow M Medium W Wide A Aisle	WP6 Wired 6' 16/3 Cord & NEMA Twist Lock Plug ⁵⁶ WC6 Wired 6' 16/3 Cord WP6D Wired 6' 16/3 Cord & NEMA Twist Lock Plug for Line Voltage and Wired 6' 16/3 Cord & Plug for Dimming Control ⁵⁶ WC6D Wired 6' 16/3 Cord for Line Voltage and Wired 6' 16/3 Cord for Dimming Control MD360 360° Motion Detector (ON/OFF) MD360D 360° Motion Detector (ON/DIM) EMLED Emergency Battery (40°C max) EMLEDC Emergency Battery Cold Temp (40°C max) 55 High Ambient (55°C) LCA Clear Acrylic Lens LPA Prismatic Acrylic Lens LFA Frosted Acrylic Lens

Footnotes:
⁵⁶Must specify voltage.

Accessories (order separately)

- FBX CHAIN KIT** – 54" chains & V brackets
- FBX-GRIP5** – 5' cables & V brackets
- FBX-GRIP10** – 10' cables & V brackets
- FBX-PENHGR** – Pendant hanger (not available for 36,000 or 45,000 lumen versions)
- WG-FBX-2N** – Wire guard for 8,000 and 12,000 lumen versions
- WG-FBX-2W** – Wire guard for 16,000, 20,000, and 24,000 lumen versions
- WG-FBX-4** – Wire guard for 36,000 and 45,000 lumen versions

Wiring Notes

Standard cords have 3 wires. Consult factory for other cord options.

General Notes

All options factory installed.
 All accessories are field installed.
 DLC Listing for most variations. Please check the DLC Qualified Products List to confirm. (www.designlights.org/QPL)
 Many luminaire components, such as reflectors, refractors, lenses, sockets, lampholders, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants. If sulfur based chemicals, petroleum based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility.

Predicted L₇₀ Lifetime

40°C Ambient > 100,000 hours
 40°C Ambient = 60,000 hours (for 8Klm and 16Klm)
 (based upon LED manufacturer's supplied LM-80 data and in-situ laboratory testing)



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Philips Lighting
North America Corporation
200 Franklin Square Drive
Somerset, NJ 08873
Tel. 855-486-2216

Imported by: Philips Lighting,
a division of Philips Electronics Ltd.
281 Hillmount Rd,
Markham, ON Canada L6C 2S3
Tel. 800-668-9008