PHILIPS
Day-Brite
CFI

Industrial

FBX high bay

LED

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

An economical LED high bay

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.

2' FBX

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

FBX08L,FBX12L, FBX16L, FBX20L, FBX36L, and FBX45L via Grainger Sourcing
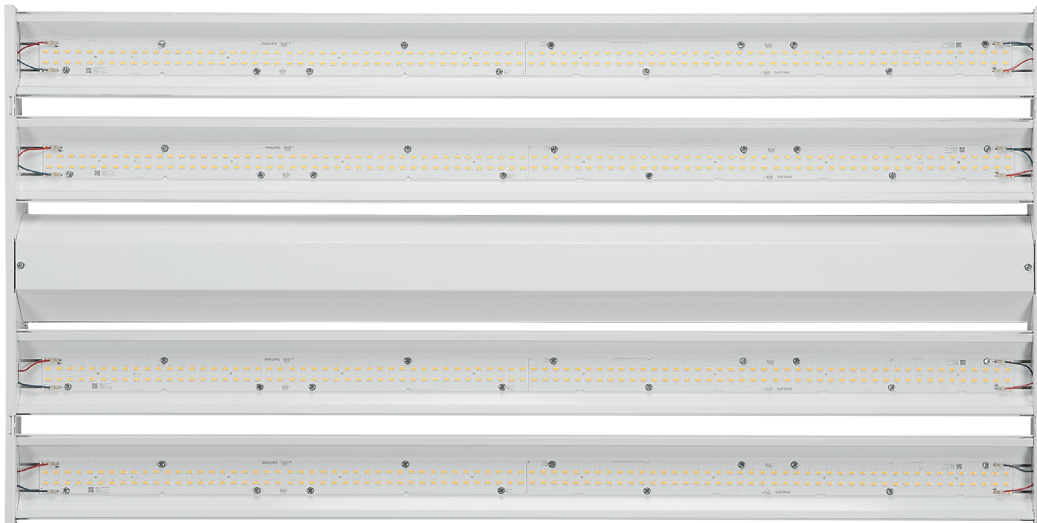
FBX16L – SKU 48LU82
FBX24L – SKU 48LU81

Philips Day-Brite / CFI

4' FBX

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

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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

Each optic is designed for a specific purpose.

The general distribution allows a wash of light in any application. The aisle beam has an asymmetric distribution for aisle or rack areas. 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.
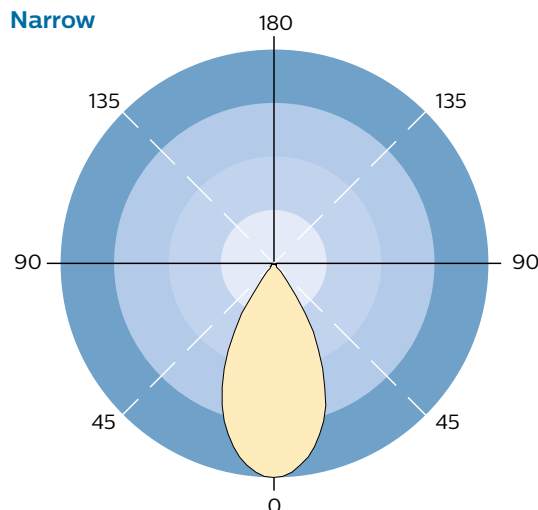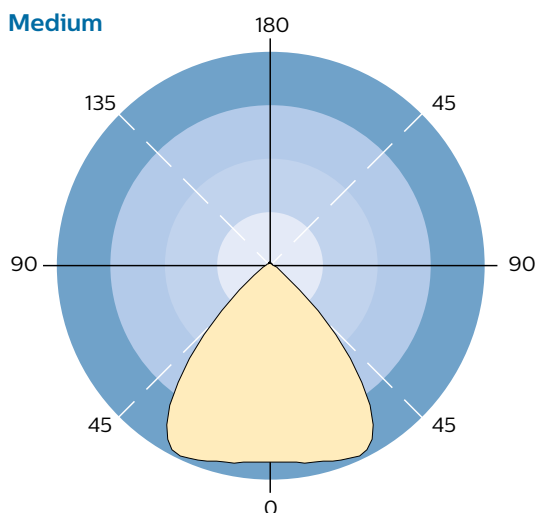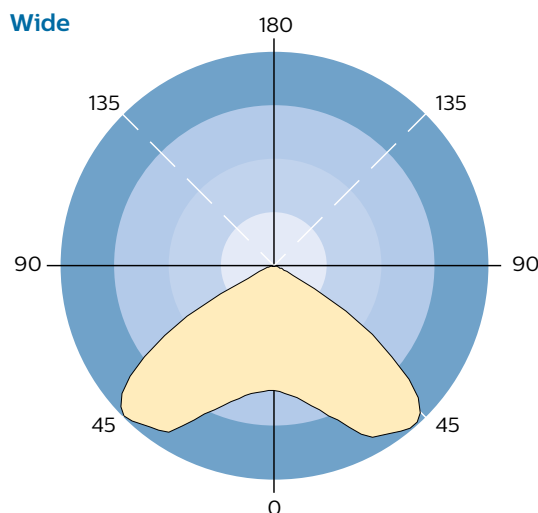
**General**
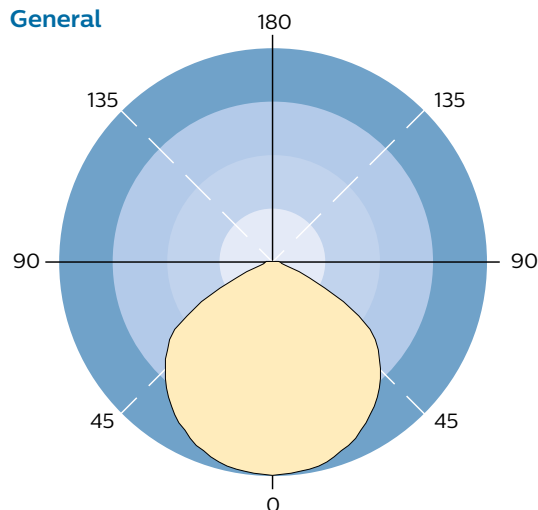
Aisle
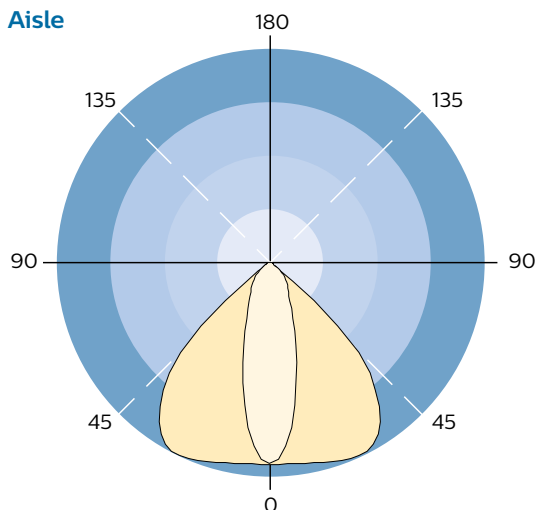
Narrow

Medium

**Wide**

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.
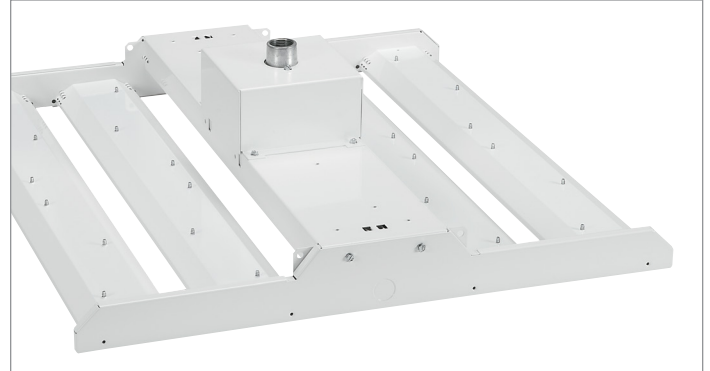
Pendant Hanger

FBX–PENHGR   Pendant hanger
(not available for 36,000 or 45,000 lumen versions)
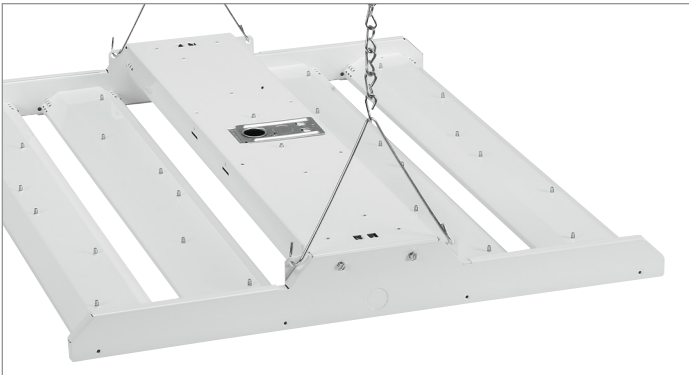
Chain Kit

FBX CHAIN KIT   54" Chains and V brackets
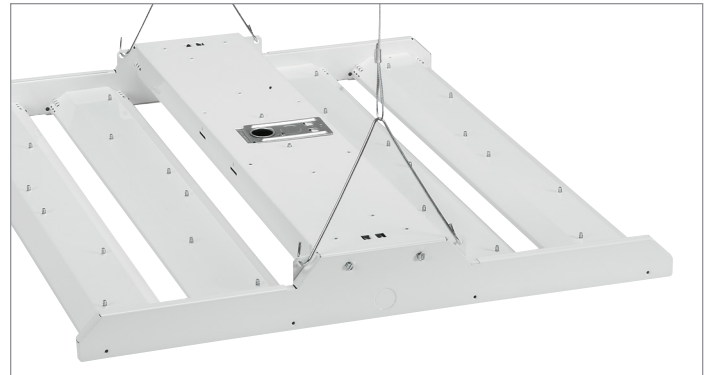
Cable Kit

FBX–GRIP5   5' Cables and V brackets
FBX–GRIP10   10' Cables and V brackets
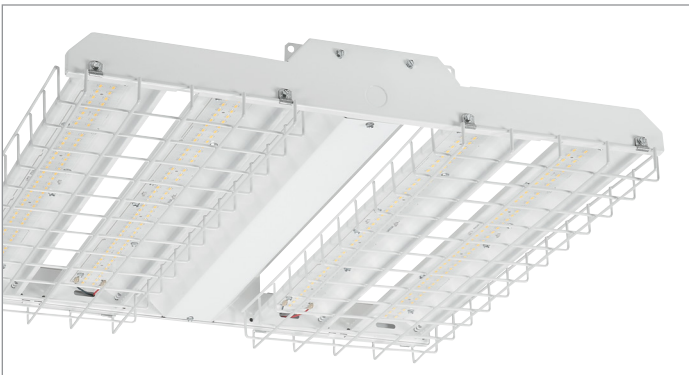
Wire Guards

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

Emergency Option

EMLED   Emergency battery (40°C max)
EMLEDC   Emergency battery cold temp (40°C max)

Select your luminaire

FBX08L
FBX12L

14-3/4"
(375 mm)

2-7/8"
(73 mm)

23-7/8"
(606 mm)

High ambient
FBX08L
FBX12L

14-3/4"
(375 mm)

3-11/16"
(94 mm)

2-7/8"
(73 mm)

23-7/8"
(606 mm)

FBX16L
FBX20L
FBX24L

24"
(610 mm)

2-7/8"
(73 mm)

23-7/8"
(606 mm)

FBX36L
FBX45L

24"
(610 mm)

3-11/16"
(94 mm)

2-7/8"
(73 mm)

46-7/8"
(1191 mm)

High ambient
FBX16L
FBX20L
FBX24L

24"
(610 mm)

3-11/16"
(94 mm)

2-7/8"
(73 mm)

Grainger SKU	Catalog Number	UPC	Description
48LU81	FBX24LL40-UNV	912400389502	FBX LED High Bay, 24000 lm, 4000K, 197W, UNV
48LU82	FBX16LL40-UNV	912400389505	FBX LED High Bay, 16000 lm, 4000K, 166W, UNV

Note: FBX08L,FBX12L, FBX20L, FBX36L, FBX45L via Grainger Sourcing, along with FBX08L, FBX12L, FBX16L, FBX20L and FBX24L high ambient models.

Ordering guide

example: FBX24LL40-UNV

Family	Lumens	Source	CCT	Voltage	Optics	Options
FBX		**L**	⬚ –	⬚ –	⬚ –	

Family	Lumens		Source	CCT		Voltage		Optics		Options	
FBX	**08L**	8,000 nominal delivered lumens	**L** LED	**40**	4000K (CRI 80)	**120**	120V		General Distribution (leave blank)	**WP6**	Wired 6' 16/3 Cord & NEMA Twist Lock Plug*
	12L	12,000 nominal delivered lumens		**50**	5000K (CRI 80)	**208**	208V			**WC6**	Wired 6' 16/3 Cord
	16L	16,000 nominal delivered lumens				**240**	240V	**N**	Narrow	**WP6D**	Wired 6' 16/3 Cord & NEMA Twist Lock Plug for Line Voltage and Wired 6' 16/3 Cord & Plug for Dimming Control*
	20L	20,000 nominal delivered lumens				**277**	277V	**M**	Medium		
	24L	24,000 nominal delivered lumens				**347**	347V	**W**	Wide	**WC6D**	Wired 6' 16/3 Cord for Line Voltage and Wired 6' 16/3 Cord for Dimming Control
	36L	36,000 nominal delivered lumens				**480**	480V	**A**	Aisle	**MD360**	360° Motion Detector (ON/OFF)
	45L	45,000 nominal delivered lumens				**UNV**	120-277V			**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 – optional for 24,000 lumen or less, required for 36,000 and 45,000 lumens)
										LCA	Clear Acrylic Lens
										LPA	Prismatic Acrylic Lens
										LFA	Frosted Acrylic Lens

* Must specify voltage.

Accessories (order separately)

FBX–PENHGR Pendant hanger
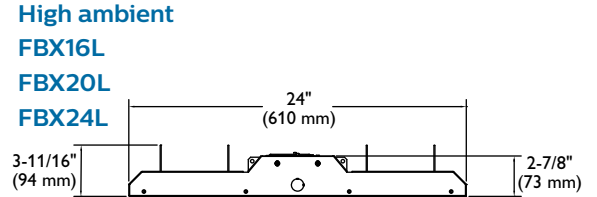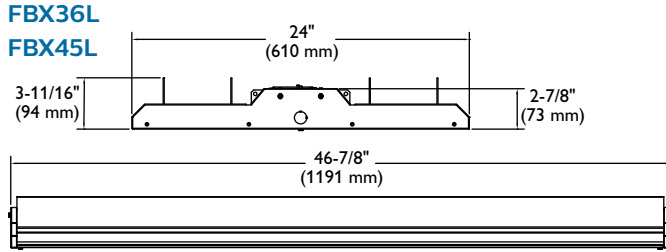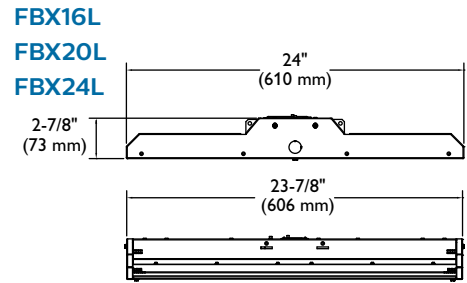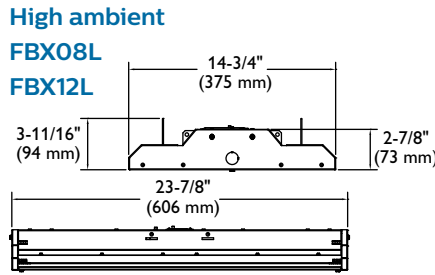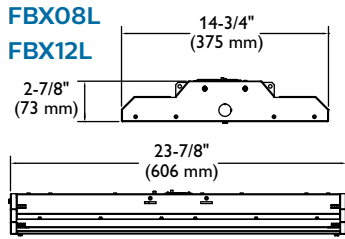(not available for 36,000 or 45,000 lm versions)

FBX CHAIN KIT 54" chains & V brackets

FBX–GRIP5   5' cables & V brackets

FBX–GRIP10   10' cables & V brackets

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

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.

Wiring Notes

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

Predicted L$_{70}$ Lifetime

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

DLC QPL™ LISTED

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PHILIPS

GR-PDb-1402BR   01/16   philips.com/luminaires

AVAILABLE THROUGH

GRAINGER.
FOR THE ONES WHO GET IT DONE