

APPLICATIONS

The **FHBC LED** is a high efficiency premier high bay fixture engineered for premium performance. A precision-formed reflector system available in enhanced white reflector is designed to achieve maximum light output for ceilings from 15 feet to 40 feet. Based on ceiling height, these fixtures can replace a fluorescent or traditional HID high bay while using 50% or less energy. Pendant, chain or stem mounting are available. The fixture is ideal suited for warehouses, manufacturing plants, sports facilities and retail spaces.

FEATURES & BENEFITS

- ◆ 0-10V Dimming Driver standard
- ◆ Pendant, stem, cable, or chain hanging available
- ◆ Options and accessories include: Wireguard, lens, occupancy sensors, emergency packs and more
- ◆ Warranted up to 45°C ambient temperature. Consult for higher temp ratings.
- ◆ L₇₀ >100,000 hrs.
- ◆ Min CRI 82
- ◆ cETL_{us} Listed



SPECIFICATIONS

Housing is 22 gauge painted steel. Access plate in the back makes wiring fast and hassle-free. Back of fixture is designed with built in mounting holes for long hanger or cable kit. The fixture is not designed to be surface mounted to the ceiling or wall. Integral Occupancy Sensor is optional and is ideal for wire guard applications.

ORDERING DATA

EXAMPLE: FHBC24LED48DMV40

FHBC		LED		Driver		Color Temp		Options & Accessories		
Series	Size	Gear	Wattage/Lumens							
FHBC LED Premier High Bay	24 24" Length	LED	High Performance		DMV	0-10V Dimming Multivolt 120-277VAC	30 3000K 35 3500K 40 4000K 50 5000K	See Options and Accessories Section		
	48 48" Length		24"							
			48	48 Watts 6400 Lumens	D480TF	480V with transformer 0-10V Dimming				
			57	57 Watts 7640 Lumens						
			63	63 Watts 9000 Lumens						
			72	72 Watts 10440 Lumens						
			90	90 Watts 12060 Lumens						
			100	100 Watts 13480 Lumens						
			114	114 Watts 16000 Lumens						
			144	144 Watts 19000 Lumens						
			48"							
			57	57 Watts 8000 Lumens						
			97	97 Watts 13795 Lumens						
			114	114 Watts 17560 Lumens						
			H118	H118 Watts 16600 Lumens						
			127	127 Watts 18000 Lumens						
			144	144 Watts 21305 Lumens						
			162	162 Watts 24000 Lumens						
			166	166 Watts 25150 Lumens						
			180	180 Watts 26855 Lumens						
			195	195 Watts 28410 Lumens						
			208	208 Watts 31440 Lumens						
			216	216 Watts 30000 Lumens						
			270	270 Watts 40285 Lumens						
			272	272 Watts 36000 Lumens						

DLC Standard	
FHBC48-LEDH118DMV50	Color Temp 50
DLC Premium	
FHBC48-LED97DMVxx	xx = Color Temp 35, 40, 50
FHBC48-LED114DMVxx	xx = Color Temp 35, 40, 50
FHBC48-LED144DMVxx	xx = Color Temp 35, 40, 50
FHBC48-LED166DMVxx	xx = Color Temp 35, 40, 50
FHBC48-LED180DMVxx	xx = Color Temp 35, 40, 50
FHBC48-LED195DMVxx	xx = Color Temp 35, 40, 50

*See chart on pg.2 for whip & cord ordering options

Wattage and Lumens are calculated at 25°C ambient temp and 5000K.
A tolerance of ± 10% is standard for both wattage and lumens.
Dimensions and specifications subject to change without notice



CAT#	
JOB NAME	
TYPE	

SUPER HIGH PERFORMANCE 150+ LPW

ORDERING DATA

EXAMPLE: FHBC242R-LEDSH48DMV30

FHBC		Wattage & Lumens		Driver Type		Color Temp		Options & Accessories		
Series	Size	24"		48"						
FHBC LED Premier High Bay	24 24" Length 48 48" Length	4R-LEDSH48	48 Watts 7400 Lumens	3R-LEDSH87	87 Watts 13050 Lumens	DMV	0-10V Dimming Multivolt 120-277VAC	30	3000K	See Options and Accessories Section
		4R-LEDSH57	57 Watts 8600 Lumens	4R-LEDSH121	121 Watts 18220 Lumens	D480TF	480V with transformer 0-10V Dimming	35	3500K	
		6R-LEDSH87	87 Watts 13050 Lumens	5R-LEDSH131	131 Watts 20030 Lumens			40	4000K	
		8R-LEDSH121	121 Watts 18220 Lumens	6R-LEDSH161	161 Watts 24290 Lumens			50	5000K	
		3R-LEDSH87	87 Watts 13050 Lumens	8R-LEDSH195	195 Watts 30030 Lumens					
		4R-LEDSH121	121 Watts 18220 Lumens	8R-LEDSH230	230 Watts 34500 Lumens					

Wattage and Lumens are calculated at 25°C ambient temp and 5000K.
A tolerance of ± 10% is standard for both wattage and lumens.

*See chart below for whip & cord ordering options

TECHNICAL INFORMATION

OPTIONS-Factory Installed

EM5	5 Watts, 800 Lumens Battery Backup
EM7	7 Watts, 1100 Lumens, Battery Backup
EM	10 Watts, 1600 Lumens Battery Backup
EM12	12 Watts, 1900 Lumens, Battery Backup
OS	Occ Sensor - On/Off
OSD	Occ Sensor w/Dimming & Daylight Harvesting
DH	Daylight Harvesting
WG	Wraparound Wire Guard
2NR	Narrow Option

ACCESSORIES

L1080	FHBC Lens Wraparound for 48" Body-Clear
L1080-2FT	FHBC Lens Wraparound for 24" Body-Clear
L1080-FR	FHBC Lens Wraparound for 48" Body-Frosted
L1080-2FT-FR	FHBC Lens Wraparound for 24" Body-Frosted
A-FHBC6WG	Wireguard - No door frame for 48" Body
A-FHBC6WG-2FT	Wireguard - No door frame for 24" Body

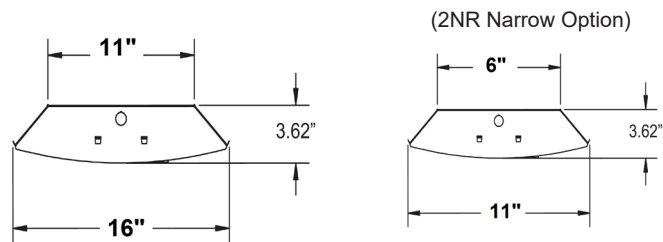
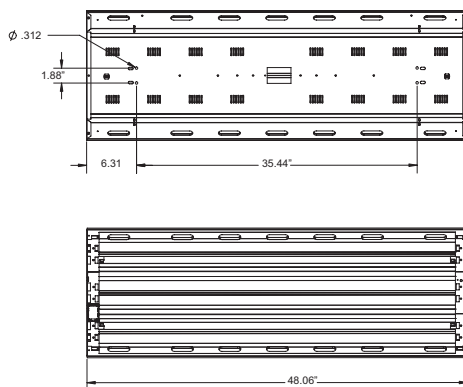
MOUNTING

A144-XX	Footage - Tong hangers, End Mount (Pair) with footage of chain (xx=footage of chain)
AC120-Toggle-2PK	yhook - 10' Cable Mounting Kit and 2 Spring Clips
AC180-Toggle-2PK	yhook - 15' Cable Mounting Kit and 2 Spring Clips

*Cord & Whip Ordering Chart (Add to End of Fixture Part Number)

Part No.	# of Wires	Length	End Fitting	Finish	Voltage	Amps (TL Only)
WP - Whip	(Blank) 3 Wire	(Blank) 6 feet	(Blank) No Plug	BK - Black	(Blank) 120-277V	15 - 15 Amps
CS - Cordset	4 - 4 Wire	8 - 8 feet	P* - Standard Plug	WH - White	120 - 120V	20 - 20 Amps
	5 - 5 Wire	10 - 10 feet	TL* - Twist Lock		277 - 277V	
	6 - 6 Wire	12 - 12 feet			347 - 347V	
		15 - 15 feet			480 - 480V	

DIMENSIONS



Dimensions and specifications subject to change without notice.



CAT#

JOB NAME

TYPE