



Affordable quality and efficiency

Day-Brite FBD Fluorescent High Bay, a reliable alternative lighting solution for today's industrial environment.

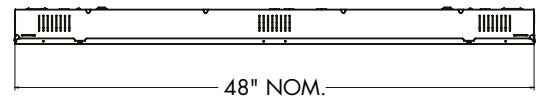
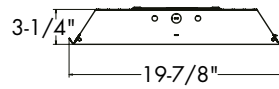
PHILIPS
Day-Brite

Flexible and efficient

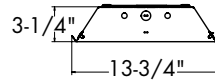
The FBD fluorescent high bay is an [affordable](#), [flexible](#), and [efficient](#) alternative to conventional high bay lighting. Providing [better uniformity and higher CRI](#) than a traditional 400 W metal halide luminaire, the FBD also offers significantly [higher lumen maintenance and higher luminaire efficiency](#). It also offers the benefits of [instant on](#), no warm up period, and no need for hot and cold restrike. The FBD also features multiple lamps powered by multiple ballasts, providing multiple light levels, all with simple “in field” wiring. The use of a linear fluorescent source along with a [highly specular reflector](#) results in a [smooth even illumination](#) of the workplane, minimizing shadows and striations. The FBD is also very [contractor friendly](#) with multiple suspension options, easy wiring access, and hinged reflector panels for [easy mounting](#). It also offers a full range of field-installed accessories, from wire guards and chain kits to motion sensors for further [energy savings](#).



6 lamp



4 lamp



highlights



- Superior lumen maintenance: 95% for T8 and T5 vs 70% for MH, 80% for PS, and 90% for HPS
- Outstanding luminaire efficiency: 85% to 95% vs 80% for conventional HID high bays
- Instant on
- Uniform illumination
- High CRI: up to 85 CRI for T5 and T8, vs 65 CRI for pulse start and standard MH
- Contractor friendly design
- Full range of accessories

Ordering Matrix

SAMPLE CATALOG NUMBER: FBD654HO-UNV-1/42-EB

FBD						
Family FBD		Lamp Type/Wattage 32 – 32WT8 (48") 54HO – 54WT5HO (46")			Ballast	
	No. Lamps/ Cross Section 4 6		Voltage UNV (108-305V) 120 277 HRV (347-480V) 54HO: 1/4- EB, 2/2-EB, 3/2-EB, and 1/42-EB only.		1/4-EB-2LS – One 4 lamp Electronic Ballast with 2 Level Switching (54wT5HO only) 1/4-EBH – One 4 lamp Electronic Ballast, High Ballast Factor (32wT8 only) 2/2-EB – Two 2 lamp Electronic Ballasts (54wT5HO only) 2/2-EBH – Two 2 lamp Electronic Ballasts, High Ballast Factor (32wT8 only) 2/3-EBH – Two 3 Lamp Electronic Ballasts, High Ballast Factor (32wT8 only) 3/2-EB – Three 2 lamp electronic ballasts (54wT5HO only) 3/2-EBH – Three 2 Lamp Electronic Ballasts, High Ballast Factor (32wT8 only) 1/42-EBH – One 4 lamp and one 2 lamp Electronic Ballast, High Ballast Factor (32wT8 only) 1/42-EB – One 4 lamp and one 2 lamp Electronic Ballast (54wT5HO only)	Options GLR# – Fusing Fast Blow (#=number of ballasts) WC3 – Wired 3' Cord WP3 – Wired 3' Cord and Plug Assembly (Specify Voltage) CP – Center Mount for 3/4" Conduit CH – Center Mount with Hook WT – Optional White Reflector E7LP – DEB-7LP emerg. ballast T5/T5HO/T8 lamps, 430-700 lumens E6LP – DEB-6LP emerg. ballast, T5/T5HO/T8 lamps, 750-1325 lumens E5LP – DEB-5LP emerg. ballast, T8 lamps, 1375-1400 lumens LPT841 – Installed T8/T5/T5HO lamps, 80+ CRI 4100K

ACCESSORIES (ORDER SEPARATELY)

- TBNGUARD** - 4 Lamp Wire Guard
- TBWGUARD** - 6 Lamp Wire Guard
- TSMTG** - Mounting Plate with Chains & Hooks
- MD360** - Motion Detector (120V and 277V)
- MD480** - Motion Detector (480V)
- TBNLENS-CL** - Single Gasketed Door with Clear Acrylic Lens – 4 lamp unit
- TBWLENS-CL** - Single Gasketed Door with Clear Acrylic Lens – 6 lamp unit
- FBF/FBE CHAIN KIT** - 54" chains & V brackets
- FBF/FBE-GRIP5** - 5' cables & V brackets

General Notes:

All options factory installed.
All accessories are field installed.
"EBH" for T8 lamps is 1.15-1.2 BF.
"EB" for T5HO lamps is 1.0 BF.

Data subject to change without notice.



FBF/FBE CHAIN KIT



FBF/FBE-GRIP5



TSMTG



MD360

Energy Data

LAMP WATTS	BALLAST TYPE	INPUT WATTS
32	1/4-EBH	146
	2/2-EBH	148
	2/3-EBH	222
	3/2-EBH	222
	1/42-EBH	222
54	1/4-EB	240
	2/2-EB	240
	1/42-EB	360
	3/2-EB	360



©2010 Philips Day-Brite
All rights reserved.

776 South Green Street • Tupelo, MS 38804
p. 800.234.1890 • f. 662.841.5501
Canadian Division
189 Bullock Drive • Markham, Ontario L3P 1W4
p. 905.294.9570 • f. 905.294.9811

PHILIPS
Day-Brite

Form No. 260
Rev. 0710CT5M
www.daybrite.com



This brochure was printed on FLO recycled paper.

FLO is an environmentally responsible paper containing 10% Post Consumer Waste. FLO is 3rd party certified to come from a well managed forest.