

Type No. _____

Catalog No. _____

Job. Name _____

FluorLyter FB Series

8-Light (Wide) T5HO
Linear Fluorescent

APPLICATIONS

- High bay replacement for retail, industrial and commercial applications requiring more natural, even illumination on both horizontal and vertical planes

CONSTRUCTION

- Precision die-formed 22GA steel housing
- Architectural post-painted finish eliminates exposed edges for safe handling
- Low profile
- Top access plate located at each end
- Hinged reflector panel/access door

ELECTRICAL

- Instant-on
- Ambient rating 50°C (open T5HO) and 40°C (enclosed T5HO)
- T5HO units provided with a 1.0 ballast factor programmed rapid start electronic ballast
- 25,000 hour rated life

OPTICS

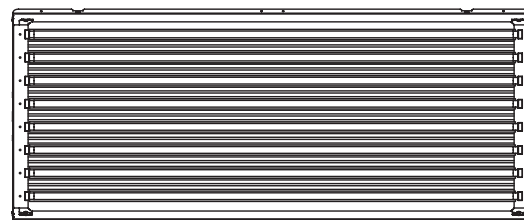
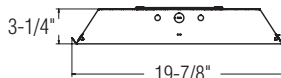
- Beveled Miro 4 reflector surrounds the lamps for optimum efficiency
- 8-lamp T5HO configuration

MOUNTING

- Accepts stem, pendant, chain or cable mounting

WARRANTY/LISTINGS

- UL listed for damp locations
- Published one-year limited warranty



Ordering Guide Example: FBW854EB2-5JP

FB	W	8	54	EB	2	—	5	JP

Series	Width	# Lamps	Wattage	Ballast	# Ballast	Voltage	Options
FB = FluorLyter Linear Fluorescent	W = Wide	8	49 = 49w T5HO (48") 54 = 54w T5HO (48")	EB = Electronic Ballast	2 = (2) 4 It ballasts	5 = 480v 8 = 120-277v	See Back Page

ExceLine

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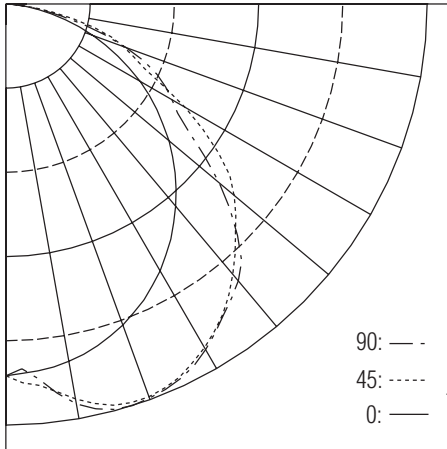
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PHILIPS

FluorLyter FB Series

8-Light (Wide) T5HO Linear Fluorescent

PHOTOMETRIC DATA



TEST DATE: 02/25/2011
CAT NO.: FBW849EB2-8
DESCRIPTION: FLUORESCENT HIGHBAY W/ 8-49WT5HO LAMPS
LAMP: F49T5HO
BALLAST: ULTRASAVE ER-454120MHT-W
Reflection Factor 0.95
Test Distance = 26 ft.
8 lamps
4400 Lumens/lp
Total Fixture Lumens = 34321
Fixture Efficiency = 97.5%
Ballast Factor 1.0
Input Watts = 399
LER = (Fixt-Eff * Lp-Lumens * BF) / Watts = 86.0 lpW

Average Luminance (Cd/sq. m)

Zone	Par (0)	(45)	Nrm (90)
45	14357	19477	19655
50	14061	19656	18379
55	13638	19186	16538
60	13140	17554	16266
65	12408	15345	16732
70	11519	15544	15862
75	10115	14954	13243
80	8110	11539	9625
85	5097	5314	4067

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	8959	25.5	26.1
0-40	15076	42.8	43.9
0-60	27226	77.3	79.3
0-90	34321	97.5	100.0

OPTIONS

3C- 3-foot SO cord only
6C- 6-foot SO cord only
3F- 3-foot SO cord and 15-amp NEMA plug (specify voltage)
6F- 6-foot SO cord and 15-amp NEMA plug (specify voltage)
3T- 3-foot SO cord and 20-amp NEMA plug (specify voltage)
6T- 6-foot SO cord and 20-amp NEMA plug (specify voltage)
JP- Job Pack - environmentally friendly packaging, eliminates individual cartons

CP- Center mount for 3/4" pipe (includes hardware and box)
CH- Center mount with hook (includes hardware, hook and box with fixture balanced)
835- Includes 35k lamps (installed)
841- Includes 41k lamps (installed)
850- Includes 50k lamps (installed)
MDDED- Installed Etlin Daniels motion sensor. Consult Factory when used in combination with CH or CP center mount option (T8 fixtures should opt for Smart-Bay Series).

ACCESSORIES

GRIP5-VHOOK- 5-foot aircraft cable with hangers (2 per)
GRIP10-VHOOK- 10-foot aircraft cable with hangers (2 per)
GRIP20-VHOOK- 20-foot aircraft cable with hangers (2 per)
FLCHAIN- Heavy-duty chain and hangers (2 per)
FLC- Universal mounting plate with 2-foot chain

FBWGYM - Prismatic lens and wire guard combination with safety cable
FBWGYM-CL - Clear lens and wire guard combination with safety cable
MD360- Motion sensor for 120 or 277 volt
MD360-5- Motion sensor for 480 volt
FBWLENS- Single gasketed clear prismatic acrylic lens/hinged door frame
FBWGUARD- Wire guard for wide housing with clips for mounting to door or housing and hinged door frame
FBWLENS-CL- Single gasketed clear acrylic lens/door frame and hinged door frame
FBWLENS-DG- Double gasketed clear prismatic acrylic lens/hinged door frame
FBWLENS-DG-CL- Double gasketed clear acrylic lens/door frame
FSWLENS- Wrap-style lens for wide housing
QDKIT- Quick disconnect for field install

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