

Type No. _____

Catalog No. _____

Job. Name _____

FluorLyter FB Series

6-Light (Wide) T5HO/T8
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
- T8 units provided with a 1.18 ballast factor instant start electronic ballast
- T5HO units provided with a 1.0 ballast factor programmed rapid start electronic ballast

OPTICS

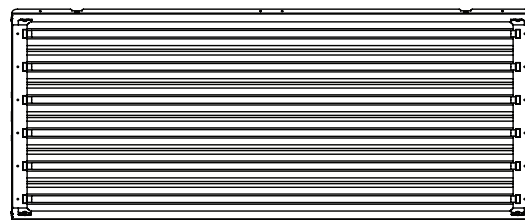
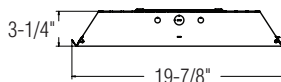
- Beveled Miro 4 reflector surrounds each lamp for optimum efficiency
- 6-lamp T5HO and T8 configurations

MOUNTING

- Accepts stem, pendant, chain or cable mounting

WARRANTY/LISTINGS

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



Ordering Guide Example: FBW654EB2-5JP

FB	W	6	54	EB	2	—	5	JP

Series	Width	# Lamps	Wattage	Ballast	# Ballast	Voltage	Options
FB = FluorLyter Linear Fluorescent	W = Wide	6	32 = 32w T8 (48") 54 = 54w T5HO (48")	EB = Electronic Ballast	2 = (2) 3 lt ballasts 3 = (3) 2 lt ballasts 4 = (1) 2 lt ballast and (1) 4 lt ballast	1 = 120v 4 = 277v 5 = 480v 8 = 120-277v	See Back Page

Exceline

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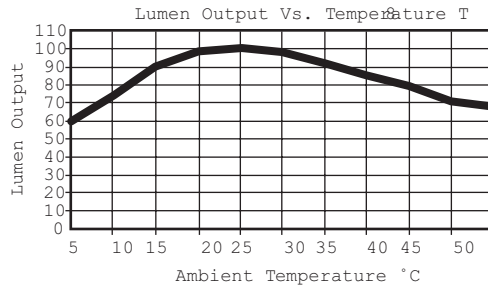
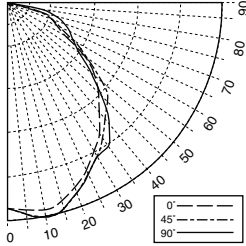
PHILIPS

FluorLyter FB Series

6-Light (Wide) T5HO/T8 Linear Fluorescent

PHOTOMETRIC DATA

Fixture Efficiency: 98.7%



These tests were performed according to standard IESNA procedures. A specific ballast and lamp combination was used. Other lamp and ballast combinations may yield different results. This test was conducted in a controlled laboratory environment where the ambient temperature was held at 25°C.

Field performance may differ in regards to change in luminous output as a result of differences in ambient temperature and mounting method.

The chart below is a temperature profile of T8 lamps. It graphs light output versus ambient temperature. It may be helpful in determining the feasibility of using a T8 lighting system.

Lamp Type: F32T8/835 - Initial Lumens: 2950 - # of Lamps: 6

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	5973.	5973.	5973.	5973.	5973.	
5	6018.	6032.	6047.	6077.	6107.	578.0
10	6122.	6137.	6287.	6347.	6362.	
15	6074.	6167.	6302.	6272.	6257.	1764.1
20	5733.	5913.	5913.	5928.	5958.	
25	5478.	5688.	5658.	5643.	5658.	2610.2
30	5074.	5269.	5254.	5239.	5269.	
35	4775.	4940.	4940.	5089.	5149.	3130.1
40	4266.	4401.	4475.	4655.	4670.	
45	3846.	4012.	4207.	4176.	4101.	3169.2
50	3413.	3487.	3742.	3413.	3308.	
55	2919.	2979.	3053.	2664.	2634.	2573.1
60	2365.	2530.	2230.	2170.	2230.	
65	1825.	2006.	1676.	1961.	2035.	1879.3
70	1362.	1392.	1496.	1706.	1766.	
75	883.	868.	1198.	1377.	1421.	1215.1
80	433.	584.	838.	883.	868.	
85	119.	284.	284.	284.	284.	287.3
90	14.	14.	14.	14.	14.	

Zone	Lumens	%Lamp	%Fixt	Zone	Lumens	%Lamp	%Fixture
0- 30	4952.	28.0	28.8	90-120	0.	0.	0.
0- 40	8082.	45.7	47.0	90-130	0.	0.	0.
0- 60	13825.	78.1	80.3	90-150	0.	0.	0.
0- 90	17206.	97.2	100.0	90-180	0.	0.	0.
Total Luminaire =				0-180	17206.	97.2	100.0

IES Spacing Criteria: End = 1.3 Diagonal = 1.3 Cross = 1.2

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

F1- Fusing

Dimming- Consult factory

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- Pre-lamped with (T8/T5HO) 35K

841- Pre-lamped with (T8/T5HO) 41K

850- Pre-lamped with (T8/T5HO) 50K

MD- Installed motion sensor. Cannot be used with CH or CP center mount option

E1- 1 lamp emergency powerpack (635 lumen T8 / 700 lumen T5HO). Cannot be center mounted. Specify voltage

MD-ED- 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).

E2- 2 lamp emergency powerpack (1100 lumen T8 / 1250 lumen T5HO) Cannot be center mounted. Specify voltage.

QD- Quick disconnect installed in fixture (for NEC)

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

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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