

Type No. _____

Catalog No. _____

Job. Name _____

FluorLyter FB Series

4-Light (Narrow) 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

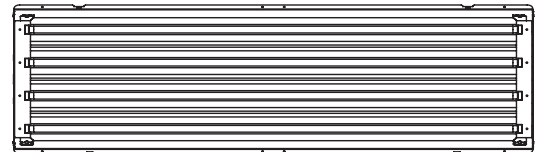
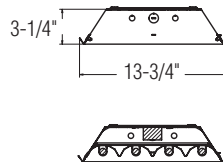
- Beveled Miro 4 reflector surrounds each lamp for optimum efficiency
- 2-, 3- and 4-lamp T5HO and T8 configurations

MOUNTING

- Accepts stem, pendant, chain or cable mounting

WARRANTY/LISTINGS

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



Ordering Guide Example: FBN454EB1-5JP

FB	N	4	54	EB	1	—	5	JP

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

Exceline

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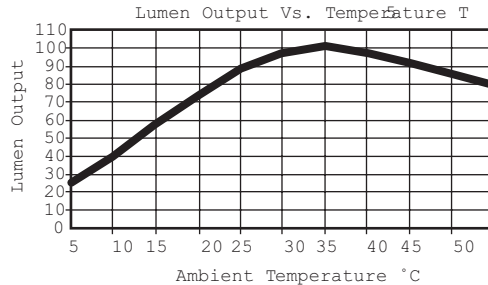
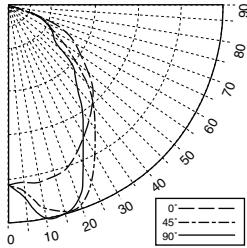
PHILIPS

FluorLyter FB Series

4-Light (Narrow) 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 T5 lamps. It graphs light output versus ambient temperature. It may be helpful in determining the feasibility of using a T5 lighting system.

Lamp Type: FP54T5HO/835 Initial Lumens: 5000 # of Lamps: 4

Vertical Angle	Horizontal Angle				Zonal Lumens
	0	22.5	45	67.5	90
0	7411.	7411.	7411.	7411.	7411.
5	7358.	7473.	7740.	7950.	8013.
10	7427.	7868.	8513.	8855.	8931.
15	7286.	8072.	8759.	8905.	8891.
20	7137.	8309.	8796.	8648.	8520.
25	6704.	7934.	8006.	7516.	7269.
30	6246.	7460.	7085.	6358.	6158.
35	5789.	6943.	6191.	5549.	5262.
40	5332.	6382.	5371.	4545.	4361.
45	5016.	5904.	4614.	3970.	3829.
50	4266.	4723.	3555.	3112.	2868.
55	3727.	3805.	2897.	2296.	2243.
60	2987.	2842.	2022.	2022.	2128.
65	2394.	2053.	1601.	1828.	1815.
70	1717.	1391.	1401.	1351.	1315.
75	1072.	799.	930.	717.	615.
80	535.	526.	368.	325.	296.
85	145.	145.	147.	174.	178.
90	0.	0.	0.	0.	0.

Zone	Lumens	%Lamp	%Fixt	Zone	Lumens	%Lamp	%Fixture
0- 30	6656.	33.3	33.7	90-120	0.	0.	0.
0- 40	10458.	52.3	53.0	90-130	0.	0.	0.
0- 60	16807.	84.0	85.2	90-150	0.	0.	0.
0- 90	19731.	98.7	100.0	90-180	0.	0.	0.
Total Luminaire =				0-180	19731.	98.7	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

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).

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

E2- 1 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

FBNGYM - Prismatic lens and wire guard combination with safety cable

FBNGYM-CL - Clear lens and wire guard combination with safety cable

FBNLENS- Single gasketed clear prismatic acrylic lens/hinged door frame

FBNGUARD- Wire guard for narrow housing with clips for mounting to door or housing and hinged door frame

FBNLENS-CL- Single gasketed clear acrylic lens/door frame and hinged door frame

FBNLENS-DG- Double gasketed clear prismatic acrylic lens/hinged door frame

FBNLENS-DG-CL- Double gasketed clear acrylic lens/door frame

FSNLENS- Wrap-style lens for narrow housing

QDKIT- Quick disconnect for field install

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