

Type No. _____

Catalog No. _____

Job. Name _____

FluorLyter FL Series

6-Light (Wide) and 4-Light (Narrow) T5HO
Linear Fluorescent

APPLICATIONS

- Ideally suited for high-ceiling retail applications requiring even illumination light distribution

CONSTRUCTION

- Heavy-gauge, precision-formed housing
- Architectural post-painted finish eliminates exposed edges for safe handling

ELECTRICAL

- Standard with electronic ballasts for 120V, 277V, 480V or voltage sensing 120-277V applications
- Quick startup T5 linear fluorescent lamps
- Optional 120/277v fusing
- T5 units provided with a 1.0 ballast factor program rapid start electronic ballast

OPTICS

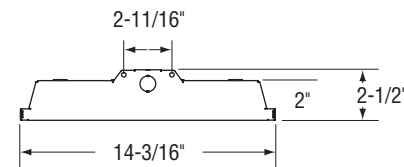
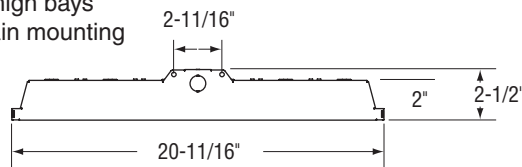
- Miro4 reflector, "D" = solid, "U" = uplight slots
- Patent-pending, field-rotatable optics provide 10% uplight ("U" only)
- Maintains lumen output at 95% initial rated value compared to HID lamps
- Saves up to 50% of energy consumption over the life of the system
- Extremely high CRI with greater light uniformity and no color shift
- Built-in multiple light levels with instant-on
- Four-light or six-light T5HO configuration

MOUNTING

- Multiple options with the flexibility of high bays
- Accepts center, stem, pendant or chain mounting

WARRANTY/LISTINGS

- UL 1598 damp locations
- Published one-year limited warranty



Fixture Length: 48"

Ordering Guide Example: FLWU654EB4JP-1

FL	W	U	6	54	EB	4	JP	1

Series	Width	Up Light	# Lamps	Wattage	Ballast	# Ballast	Options	Voltage
FL = FluorLyter II Linear Fluorescent	N = Narrow W = Wide	D = Direct U = Up Light	4 ¹ 6 ²	54 = 54w T5HO (48") 54 = 54w T5HO (48")	EB = Programmed Rapid Start 1.0 bf EB = Programmed Rapid Start 1.0 bf	1 = (1) 4 lt ballast 2 = (2) 2 lt ballasts 4 = (1) 4 lt ballast and (1) 2 lt ballast	See Back Panel	1 = 120v 4 = 277v 5 = 480v ^{3,4} 8 = 120-277v

¹ Narrow body only

² Wide body only

³ Must use 2-lamp ballast

⁴ 4-lamp version only



ExceLine

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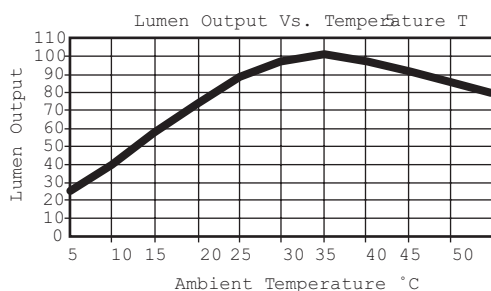
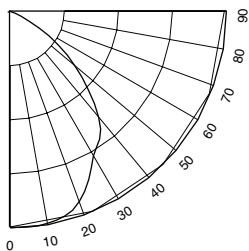
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PHILIPS

FluorLyter FL Series

6-Light (Wide) and 4-Light (Narrow) T5HO Linear Fluorescent

PHOTOMETRIC DATA



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	0	22.5	45	67.5	90	Zonal Lumens
0	7194	7194	7194	7194	7194	
5	7142	7187	7224	7214	7191	685.26
10	7037	7126	7177	7175	7147	
15	6873	7002	7070	6938	6852	1956.33
20	6642	6815	6755	6352	6235	
25	6356	6559	6193	5861	5804	2841.48
30	6004	6194	5572	5422	5284	
35	5614	5708	5196	4626	4366	3188.83
40	5168	5073	4606	3673	3414	
45	4677	4387	3694	2788	2520	2789.84
50	4144	3893	2821	1863	1560	
55	3566	3319	1974	950	746	1877.23
60	2985	2479	1118	318	192	
65	2368	1642	411	37	14	844.33
70	1756	897	66	5	2	
75	1143	249	13	4	1	243.94
80	608	19	10	3	1	
85	161	13	8	3	1	36.82
90	14	9	6	2	1	

Zone	Lumens	%Lamp	%Fixt	Zone	Lumens	%Lamp	%Fixture
0-30	5483.07	31.2	37.9	90-120	0	0	0
0-40	8671.9	49.3	60	90-130	0	0	0
0-60	13338.97	75.8	92.2	90-150	0	0	0
0-90	14464.03	82.2	100	90-180	0	0	0
Total Luminaire =				0-180	14464.03	82.2	100

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

OPTIONS

F1	Fusing for 120/277v - specify voltage
6C	6-foot black S/O cord
6F	6-foot black S/O cord and 15A NEMA plug
6T	6-foot black S/O cord and 20A NEMA plug
JP	Job Pack (bulk quantity only)
835	Pre-lamped with 3500k lamps (job-pack only) (2950 lumens)
841	Pre-lamped with 4100k lamps (job-pack only) (2950 lumens)
E1	1 lamp EM powerpack (450 lumen T8 / 700 lumen T5HO)
E2	1 lamp EM powerpack (1100 lumen T8 / 1250 lumen T5HO)
735	Pre-lamped with 3500k lamps (Job Pack only) (2850 lumens)
741	Pre-lamped with 4100k lamps (Job Pack only) (2850 lumens)
FLCM	Center Mount (must be ordered with fixture)
Dimming	Consult factory

ACCESSORIES

FLC	QuickHang with Jack Chain
FLMS	Motion Sensor (specify voltage: 120v - 277v)
FLMS-5	Motion Sensor 480v
FNDOOR	Narrow Lens/Door Frame
FWDOOR	Wide Lens/Door Frame
FNGUARD	Narrow Wire Guard
FWGUARD	Wide Wire Guard
GRIP5-VHOOK	5-foot aircraft cable with hangers (2 per)
GRIP10-VHOOK	10-foot aircraft cable with hangers (2 per)
FLCHAIN	Heavy-duty chain and hangers (2 per)

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