

Fixture Ordering Information

Catalog No.	Description	Finish	Wattage	Volts	Lamp
FP14U	Linear Planar Surface Mount	Satin aluminum	14W	120-277V	(1) T5
FP14UEM	Linear Planar Surface Mount w/Emergency	Satin aluminum	14W	120-277V	(1) T5

Diffuser Ordering Information

Catalog No.	Description	Finish	Dimensions (Nominal)
FPA1	Acrylic Planar Diffuser	Opal	5" X 24"
FPG1	Glass Planar Diffuser	Opal	5" X 24"

Features

- Housing Ends:** Die-cast aluminum.
- Housing Sides:** Extruded aluminum.
- Back Pan:** Stamped 18ga. (0.048") sheet metal.
- Diffuser:** Planar clear glass with opal diffuse glass or planar clear acrylic with opal diffuse acrylic.
- Junction Box Cover:** (2) Die-cast aluminum, easy installation (provided with luminaire).
- Fixture Mounting Plate:** Mounts directly to a 4" octagonal J-Box (Not Shown in Drawing).

Electrical

7. Ballast

A. Electronic 120-277V		
Voltage	120V	277V
Total Input Watts	19W	19W
Max. Line Current (Amps)	0.16A	0.07A
Power Factor\	0.98	0.90
THD	20%	20%
Min. Starting Temp	0°F, -18°C	0°F, -18°C

B. Emergency		
Bodine LP550 emergency battery pack with integral test light and switch.		

- Luminaire-Ballast Disconnect:** Meets NEC 410.130(G) and CEC Disconnect Requirements.

Lamping (by others)

General Electric	Osram/Sylvania	Philips
(1) 14W T5 Linear Fluorescent		
F14W/T5/*/ECO	FP14/*	F14T5/*/ALTO
*Manufactures Color Temperature Designation		

Finish

Satin Aluminum

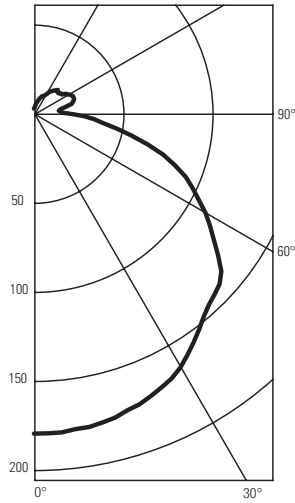
Labels

cULus Listed. Suitable for Damp Locations.
ULus Listed, Dry Locations only for Emergency Units.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
www.lightolier.com © 2009 Philips Group • B0209

FP14U-FPA1



DECORATIVE LUMINAIRE CAT. # FP14U-FPA1C
 14W PHILIPS T-5 LAMPS. LUMEN RATING = 1200 LMS.
 BALLAST/ ADVANCE ICN-2S28

Candlepower Summary

Angle	Along	22.5	45	67.5	Across.	Output Lumens
0	179	179	179	179	179	9
5	179	179	179	179	179	9
15	173	173	174	175	176	25
25	161	163	165	167	169	38
35	145	147	150	154	156	47
45	124	127	132	139	143	51
55	100	105	114	121	123	51
65	72	78	88	93	98	43
75	42	48	56	62	66	29
85	12	17	26	31	34	14
90	5	9	16	19	21	7
95	6	9	13	15	15	7
105	7	10	17	20	22	8
115	8	9	15	21	24	7
125	7	10	12	17	19	6
135	7	8	12	16	19	5
145	5	6	10	12	15	3
155	4	5	7	9	11	2
165	3	3	4	5	7	1
175	4	3	3	3	3	0
180	3	3	3	3	3	0

Coefficients of Utilization

Ceiling	80%				70%				50%				30%				10%			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0		
Wall	Zonal Cavity Method - Effective Floor Reflectance = 20%																			
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%																			
0	.65	.65	.65	.65	.63	.63	.63	.63	.59	.59	.59	.55	.55	.55	.51	.51	.51	.50		
1	.59	.57	.54	.52	.57	.55	.53	.50	.51	.49	.48	.48	.47	.45	.45	.44	.43	.41		
2	.54	.49	.45	.42	.52	.48	.44	.41	.45	.42	.39	.42	.40	.37	.39	.37	.36	.34		
3	.49	.43	.39	.35	.47	.42	.38	.34	.39	.36	.33	.37	.34	.32	.35	.32	.30	.29		
4	.45	.38	.33	.30	.43	.37	.33	.29	.35	.31	.28	.33	.30	.27	.31	.28	.26	.24		
5	.41	.34	.28	.25	.39	.33	.28	.24	.31	.27	.24	.29	.25	.23	.27	.24	.22	.20		
6	.37	.30	.25	.21	.36	.29	.24	.21	.27	.23	.20	.26	.22	.20	.24	.21	.19	.18		
7	.34	.27	.22	.19	.33	.26	.21	.18	.25	.20	.18	.23	.20	.17	.22	.19	.16	.15		
8	.32	.24	.19	.16	.30	.23	.19	.16	.22	.18	.15	.21	.17	.15	.20	.17	.14	.13		
9	.29	.22	.17	.14	.28	.21	.17	.13	.20	.16	.13	.19	.15	.13	.18	.15	.12	.11		
10	.27	.20	.15	.12	.26	.19	.15	.12	.18	.14	.11	.17	.14	.11	.16	.13	.11	.10		

Determined In Accordance With Current IES Published Procedures
 Luminaire Input Watts = 32.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire	Certified Test Report no. 3622FR Computed by LSI Program **TEST-LITE** SC=1.3
0-30	141	11.83	21.14	Prepared For: Lightolier Fall River, MA
0-40	235	19.61	35.05	
0-60	435	36.28	64.85	
0-90	595	49.60	88.66	
40-90	359	29.99	53.61	
60-90	159	13.32	23.81	
90-180	76	6.35	11.34	
0-180	671	55.94	100.00	

** Efficiency = 55.9%**

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

Job Information **Type:**

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
 We reserve the right to change details of design, materials and finish.
 www.lightolier.com © 2009 Philips Group • B0209