

Fixture Ordering Information

Catalog No.	Description	Finish	Wattage	Volts	Lamp
FP21U	Linear Planar Surface Mount	Satin aluminum	21W	120-277V	(1) T5
FP21UEM	Linear Planar Surface Mount w/Emergency	Satin aluminum	21W	120-277V	(1) T5

Diffuser Ordering Information

Catalog No.	Description	Finish	Dimensions (Nominal)
FPA2	Acrylic Planar Diffuser	Opal	5" X 36"
FPG2	Glass Planar Diffuser	Opal	5" X 36"

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	25W	25W
Max. Line Current (Amps)	0.21A	0.10A
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 tests light and switch.	

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

Lamping (by others)

General Electric	Osram/Sylvania	Philips
(1) 21W T5 Linear Fluorescent		
F21W/T5/*/ECO	FP21/*	F21T5/*/ALTO
*Manufactures Color Temperature Designation		

Finish

Satin Aluminum

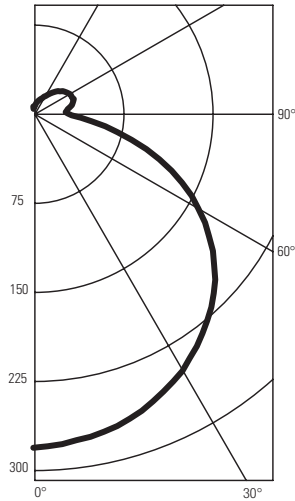
Labels

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
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FP21U / FPA2



DECORATIVE LUMINAIRE DECORATIVE LUMINAIRE
 CAT. # FP21U / FPA2 21W SYLVANIA T-5 LAMPS.
 LUMEN RATING = 1890 LMS. BALLAST/ ADVANCE ICN-2S28

Candlepower Summary

Angle	Along	22.5	45	67.5	Across	Output Lumens
0	280	280	280	280	280	
5	281	279	278	279	278	27
15	271	270	269	272	271	77
25	253	253	255	258	257	118
35	226	228	233	238	238	146
45	193	197	206	213	213	158
55	154	161	172	178	179	152
65	110	118	129	136	137	125
75	62	70	80	85	85	82
85	17	26	35	39	40	38
90	7	15	24	28	29	
95	7	15	23	27	28	23
105	9	15	26	32	34	25
115	10	14	24	32	35	23
125	9	14	21	29	32	19
135	8	12	17	23	26	13
145	7	9	14	17	18	8
155	6	7	9	12	13	4
165	6	5	6	7	9	2
175	7	7	6	5	4	1
180	6	6	6	6	6	

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	.64	.64	.64	.64	.62	.62	.62	.62	.58	.58	.58	.54	.54	.54	.50	.50	.49			
1	.58	.56	.53	.51	.56	.54	.52	.50	.50	.49	.47	.47	.46	.44	.44	.43	.42	.40		
2	.53	.48	.45	.41	.51	.47	.43	.40	.44	.41	.39	.41	.39	.37	.39	.37	.35	.34		
3	.48	.42	.38	.35	.46	.41	.37	.34	.39	.35	.32	.36	.34	.31	.34	.32	.30	.28		
4	.44	.38	.33	.29	.42	.36	.32	.29	.34	.30	.28	.32	.29	.26	.30	.28	.25	.24		
5	.40	.33	.28	.24	.38	.32	.27	.24	.30	.26	.23	.28	.25	.22	.27	.24	.21	.20		
6	.37	.29	.25	.21	.35	.29	.24	.21	.27	.23	.20	.25	.22	.19	.24	.21	.19	.17		
7	.34	.26	.22	.18	.33	.26	.21	.18	.24	.20	.17	.23	.19	.17	.22	.19	.16	.15		
8	.31	.24	.19	.16	.30	.23	.18	.15	.22	.18	.15	.21	.17	.14	.19	.16	.14	.13		
9	.29	.21	.17	.13	.28	.21	.16	.13	.19	.16	.13	.18	.15	.12	.18	.14	.12	.11		
10	.27	.19	.15	.12	.26	.19	.15	.12	.18	.14	.11	.17	.13	.11	.16	.13	.11	.10		

Determined In Accordance With Current IES Published Procedures
 Luminaire Input Watts = 25.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	% Luminaire	Certified Test Report no.3651FR Computed by LSI Program **TEST-LITE** SC(ALONG) = 1.3, SC(ACROSS) = 1.4
0-30	221	11.70	21.28	
0-40	367	19.43	35.32	
0-60	676	35.82	65.11	
0-90	921	48.77	88.66	Prepared For: Lightolier Fall River, MA
40-90	554	29.34	53.34	
60-90	244	12.95	23.55	
90-180	117	6.24	11.34	
0-180	1039	55.01	100.00	

** Efficiency = 55.0% **

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

Job Information **Type:**

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