

Fixture Ordering Information (Single Lamp)

Catalog No.	Description	Finish	Wattage	Volts	Lamp
FP28U	Linear Planar Surface Mount	Satin aluminum	28W	120V/277V	(1) T5
FP28UEM	Linear Planar Surface Mount with Emergency	Satin aluminum	28W	120V/277V	(1) T5

Diffuser Ordering Information

Catalog No.	Description	Finish	Dimensions
FPA3	Acrylic Planar Diffuser	Opal	5" x 48"
FPG3	Glass Planar Diffuser	Opal	5" x 48"

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. Dali Dimming 120-277V		
Voltage	120V	277V
Total Input Watts	33W	33W
Max. Line Current (Amps)	0.28A	0.12A
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) 28W T5 Linear Fluorescent		
F28W/T5/*ECO	FP28/*	F28T5/*ALTO
*Manufactures Color Temperature Designation		

Finish

Satin Aluminum

Labels

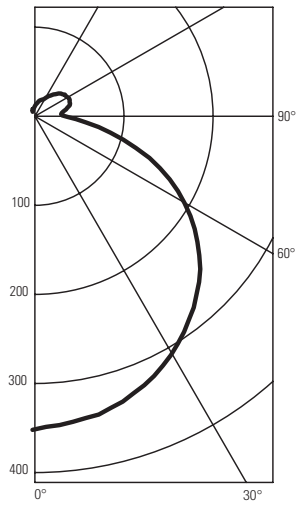
cULus Listed. Suitable for Damp Locations.
ULus Listed, Dry Locations only for Emergency Units.

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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FP28U / FPA3

DECORATIVE LUMINAIRE CAT. # FP28U / FPA3 28W
 SYLVANIA T-5 LAMPS. LUMEN RATING = 2610 LMS.
 BALLAST/ ADVANCE ICN-2S28



Candlepower Summary

Angle	Along	22.5	45	67.5	Across	Output Lumens
0	351	351	351	351	351	
5	351	350	349	349	347	33
15	340	338	338	340	338	96
25	316	317	320	323	321	148
35	284	286	291	296	295	182
45	242	247	256	264	263	197
55	193	201	213	220	221	188
65	137	147	160	167	169	155
75	76	86	98	104	105	101
85	19	29	41	47	49	44
90	6	16	27	32	33	
95	7	17	27	32	33	27
105	10	18	31	40	43	30
115	10	17	30	41	45	29
125	10	18	27	37	41	24
135	9	14	21	30	33	17
145	8	11	18	21	22	10
155	7	8	12	16	18	6
165	6	7	8	9	11	2
175	8	8	7	6	5	1
180	7	7	7	7	7	

Coefficients of Utilization

Ceiling	80%		70%		50%		30%		10%									
	70	50	30	10	70	50	30	10	50	30	10	0						
Wall	Zonal Cavity Method - Effective Floor Reflectance = 20%																	
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%																	
0	.57	.57	.57	.57	.56	.56	.56	.56	.52	.52	.48	.48	.48	.45	.45	.45	.44	
1	.52	.50	.48	.46	.50	.48	.46	.45	.45	.44	.42	.42	.41	.40	.40	.39	.38	.36
2	.48	.44	.40	.37	.46	.42	.39	.36	.39	.37	.35	.37	.35	.33	.35	.33	.32	.30
3	.43	.38	.34	.31	.42	.37	.33	.30	.35	.32	.29	.33	.30	.28	.31	.29	.27	.26
4	.40	.34	.29	.26	.38	.33	.29	.26	.31	.27	.25	.29	.26	.24	.27	.25	.23	.22
5	.36	.30	.25	.22	.35	.29	.25	.22	.27	.24	.21	.26	.23	.20	.24	.22	.19	.18
6	.33	.27	.22	.19	.32	.26	.22	.19	.24	.21	.18	.23	.20	.17	.22	.19	.17	.16
7	.30	.24	.19	.16	.29	.23	.19	.16	.22	.18	.16	.21	.17	.15	.20	.17	.15	.14
8	.28	.21	.17	.14	.27	.21	.17	.14	.20	.16	.13	.19	.15	.13	.18	.15	.13	.12
9	.26	.19	.15	.12	.25	.19	.15	.12	.18	.14	.12	.17	.13	.11	.16	.13	.11	.10
10	.24	.17	.13	.11	.23	.17	.13	.11	.16	.13	.10	.15	.12	.10	.14	.12	.10	.09

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

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	% Luminaire
0-30	276	10.60	21.47
0-40	459	17.59	35.61
0-60	844	32.34	65.47
0-90	144	43.84	88.75
40-90	685	26.25	53.14
60-90	300	11.50	23.28
90-180	145	5.56	11.25
0-180	1289	49.40	100.00

Certified Test Report no. 3648FR
 Computed by LSI Program **TEST-LITE**
 SC = 1.3
 Prepared For:
 Lightolier
 Fall River, MA

** Efficiency = 49.4% **

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

Job Information **Type:**

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