

Fixture Ordering Information

Catalog No.	Description	Finish	Wattage	Volts	Lamp
FC14U	Linear Curve Surface Mount	Satin aluminum	14W	120V-277V	(1) T5

Diffuser Ordering Information

Catalog No.	Description	Finish	Dimensions (Nominal)
FCA1	Acrylic Curve Diffuser	Opal	4" X 24"
FCG1	Glass Curve Diffuser	Cased Opal (Sandblasted Outside Surface)	4" X 24"

Features

- Diffuser Holder:** (2) Die-cast aluminum. One stationary and one spring loaded for ease of diffuser removal and lamping.
- Lamp Housing:** Extruded aluminum.
- Ballast Housing:** (2) Die-cast aluminum.
- Junction Box Mounting Plate:** 18ga. C.R.S zinc plated. For mounting to standard 4" octagonal junction box. Not required for conduit mounted installations.
- Backplate:** 18ga. C.R.S. zinc plated. Provided with (2) 7/8" diameter conduit knockouts (for non junction box installation) and (2) 3/16" diameter mounting holes for direct mounting to wall or ceiling surface (hardware not provided).
- Luminaire Ballast Disconnect:** Meets NEC 410.130 (G) and CEC disconnect requirements
- Lampholder:** Fluorescent- Mini Bi-Pin, G5 Base
- Junction Box Cover:** (2) Die-cast aluminum, easy installation (provided with luminaire). Not required for conduit mounted installation.
- Diffuser:** Either 3mm curved opal acrylic or opal glass.

Electrical

11. Ballast (Electronic 120-277V)		
Voltage	120V	277V
Total Input Watts	18W	18W
Max. Line Current (Amps)	0.15A	0.07A
Power Factor	0.98	0.90
THD	<10%	<15%
Min. Starting Temp	0°F, -18°C	0°F, -18°C

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.

Job Information

Type:

Job Name:

Cat. No.:

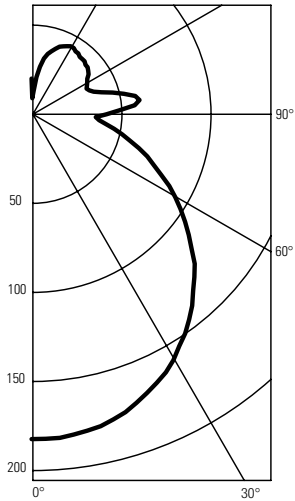
Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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FC14U/FCA1

DECORATIVE LUMINAIRE CAT. # FC14U/FCA1 14W PHILIPS T-5
LAMPS. LUMEN RATING = 1200 LMS. BALLAST/ UNIVERSAL #B228PUNV-C



Candlepower Summary

Angle	Along	22.5	45	67.5	Across	Output Lumens
0	182	182	182	182	182	17
5	182	182	182	182	182	50
15	176	176	177	177	177	77
25	164	165	166	166	166	93
35	147	148	149	150	150	98
45	125	126	127	129	129	91
55	98	100	102	104	105	74
65	69	70	74	78	80	50
75	36	39	47	54	57	30
85	8	15	26	34	38	42
90	2	12	26	37	42	33
95	5	13	36	51	58	30
105	21	14	24	39	47	28
125	27	28	31	34	28	30
135	26	33	33	37	28	23
145	25	28	41	43	23	15
155	25	25	33	41	15	7
165	21	21	24	31	7	2
175	25	23	20	15	13	2
180	20	20	20	20	20	

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	.73	.73	.73	.73	.70	.70	.70	.63	.63	.63	.57	.57	.51	.51	.48			
1	.67	.63	.61	.58	.63	.60	.58	.56	.55	.53	.51	.49	.48	.47	.45	.43	.42	.40
2	.60	.55	.51	.47	.57	.53	.49	.45	.48	.45	.42	.43	.41	.39	.39	.37	.35	.33
3	.55	.49	.44	.40	.52	.46	.42	.38	.42	.38	.35	.38	.35	.33	.35	.32	.30	.28
4	.50	.43	.38	.33	.48	.41	.36	.32	.37	.33	.30	.34	.31	.28	.31	.28	.26	.24
5	.46	.38	.32	.28	.43	.36	.31	.27	.33	.29	.26	.30	.26	.24	.27	.24	.22	.20
6	.42	.34	.28	.24	.40	.32	.27	.23	.30	.25	.22	.27	.23	.21	.25	.21	.19	.17
7	.39	.30	.25	.21	.37	.29	.24	.20	.27	.22	.19	.24	.21	.18	.22	.19	.17	.15
8	.36	.27	.22	.18	.34	.26	.21	.18	.24	.20	.17	.22	.18	.15	.20	.17	.14	.13
9	.33	.25	.19	.16	.31	.24	.19	.15	.22	.17	.14	.20	.16	.13	.18	.15	.12	.11
10	.31	.22	.17	.14	.29	.21	.17	.13	.20	.15	.13	.18	.14	.12	.16	.13	.11	.10

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 20.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	143	11.98	18.51
0-40	237	19.76	30.53
0-60	426	35.56	54.93
0-90	579	48.31	74.63
40-90	342	28.55	44.10
60-90	153	12.75	19.70
90-180	197	16.43	25.37
0-180	776	64.74	100.00

Certified Test Report no.3629FR
Computed by LSI Program **TEST-LITE**
SC = 1.3

Prepared For:
Lightolier
Fall River, MA

** Efficiency = 64.7% **

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

Job Information **Type:**

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