

Fixture Ordering Information

Catalog No.	Description	Finish	Wattage	Volts	Lamp
FC21U	Linear Curve Surface Mount	Satin aluminum	21W	120-277V	(1) T5

Diffuser Ordering Information

Catalog No.	Description	Finish	Dimensions (Nominal)
FCA2	Acrylic Curve Diffuser	Opal	4" X 36"
FCG2	Glass Curve Diffuser	Cased Opal (Sandblasted Outside Surface)	4" X 36"

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 with integral spring clip for easy snap-on installation (provided with luminaire). Not required for conduit mounted installation.
- Diffuser:** Either 3mm curved opal acrylic or opal glass.

Electrical

11. Ballast

A. Electronic 120-277V		
Voltage	120V	277V
Total Input Watts	26W	26W
Max. Line Current (Amps)	0.21A	0.10A
Power Factor	0.99	0.95
THD	<15%	<15%
Min. Starting Temp	0°F, -18°C	0°F, -18°C

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.

Job Information

Type:

Job Name:

Cat. No.:

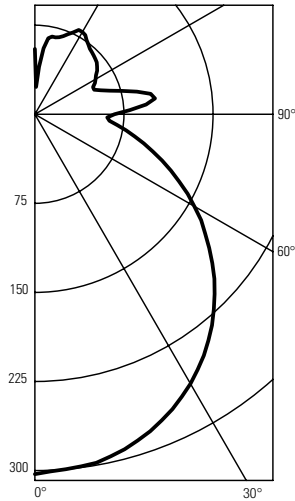
Lamp(s):

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 © 2008 Philips Group • A0408

FC21U-FCA2

DECORATIVE LUMINAIRE CAT. # FC21U/FCA2, 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	303	303	303	303	303	29
5	305	302	300	302	300	83
10	296	293	291	294	292	127
15	276	275	274	276	274	127
25	276	275	274	276	274	155
35	247	247	246	248	248	164
45	210	211	211	214	214	152
55	165	167	169	174	175	123
65	114	117	124	131	134	84
75	60	66	79	90	95	49
85	13	25	44	58	63	56
90	3	18	41	60	67	51
95	14	25	61	85	94	47
105	45	24	39	64	76	52
115	51	38	46	52	54	49
125	51	57	56	62	64	42
135	50	56	66	69	70	30
145	55	55	73	76	76	67
155	55	53	66	74	76	15
165	48	47	46	62	67	40
175	69	63	55	40	40	40
180	55	55	55	55	55	40

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	.78	.78	.78	.78	.74	.74	.74	.67	.67	.67	.60	.60	.54	.54	.51			
1	.71	.68	.65	.62	.67	.65	.62	.59	.58	.56	.54	.52	.51	.49	.47	.46	.45	.42
2	.65	.59	.54	.50	.61	.56	.52	.48	.51	.47	.45	.46	.43	.41	.41	.39	.37	.35
3	.59	.52	.47	.42	.56	.49	.45	.41	.45	.41	.38	.41	.37	.35	.37	.34	.32	.30
4	.54	.46	.40	.36	.51	.44	.39	.34	.40	.35	.32	.36	.33	.30	.33	.30	.27	.25
5	.49	.40	.34	.30	.46	.39	.33	.29	.35	.31	.27	.32	.28	.25	.29	.26	.23	.21
6	.45	.36	.30	.26	.43	.35	.29	.25	.31	.27	.23	.29	.25	.22	.26	.23	.20	.18
7	.42	.32	.27	.23	.39	.31	.26	.22	.28	.24	.20	.26	.22	.19	.23	.20	.18	.16
8	.38	.29	.23	.19	.36	.28	.22	.19	.25	.21	.18	.23	.19	.16	.21	.18	.15	.14
9	.35	.26	.21	.17	.33	.25	.20	.16	.23	.18	.15	.21	.17	.14	.19	.16	.13	.12
10	.33	.24	.18	.15	.31	.23	.18	.14	.21	.16	.13	.19	.15	.12	.17	.14	.12	.10

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 27.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	238	12.62	18.18
0-40	393	20.83	30.01
0-60	709	37.56	54.10
0-90	965	51.07	73.57
40-90	571	30.24	43.57
60-90	255	13.52	19.47
90-180	346	18.34	26.43
0-180	1311	69.41	100.00

Certified Test Report no. 3627FR
Computed by LSI Program **TEST-LITE**
SC = 1.3
Prepared For:
Lightolier
Fall River, MA

** Efficiency = 69.4% **

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 © 2008 Philips Group • A0408