



C1 Series

FLUORESCENT | SURFACE **S**



SHELL LITE

APPLICATIONS:

- UL/CUL Listed Wet Location
- NSF Certified Food Processing (Splash Zone)

BENEFITS:

- Luminaires adaptable to your specific needs

FEATURES:

- NEMA 4X Hose Down
- Durable Extruded Acrylic Enclosure
- Premium electronic ballast standard
- Every luminaire tested with lamps to assure customer satisfaction
- 5 year limited warranty
- Proudly made in **USA**

SPECIFICATIONS:

ENCLOSURE:

Nominal .125 thick wall, extruded clear acrylic.

INTERIOR LUMINAIRE:

Metal components are of nominal 18GA (.040) painted aluminum.

REFLECTOR:

Fabricated of aluminum, painted with a minimum reflectance of 88%.

END CAPS:

Spun from nominal 18GA (.048) 304 grade stainless steel.

GASKETING:

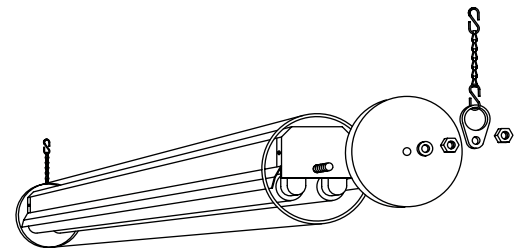
Extruded silicone is used in the end caps.

ELECTRICAL:

All ballasts and lampholders are UL Listed. For electrical connections, 12" of 16/3 SJO type cord is supplied out one end of luminaire, less plug.

MOUNTING:

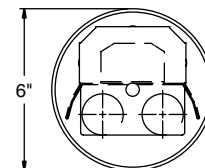
Chain or custom detail available.



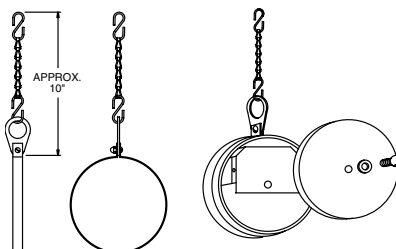
OPTIONAL MOUNTING STRAP & CHAIN (STD, SC1)

STANDARD MOUNTING CHAIN

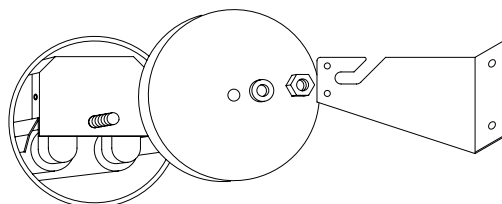
24 7/8" / 48 7/8" / 96 7/8"



M7 OPTION: MOUNTING STRAP & CHAIN DETAIL



M9 WALL MOUNT OPTION

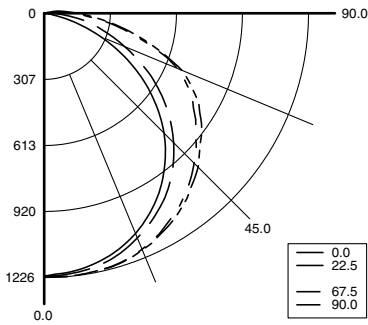


REV 1/05



PHOTOMETRICS:

Model C12322, 4FT, White Reflector and Clear Acrylic Lens, 2 32W T8 Fluorescent Lamps, Lamp Lumen Rating = 3050



Coefficients of Utilization, Zonal Cavity Method

Floor Cavity Reflectance: 20%

RC	.8				.7				.5			.3			.1			0
RW	.7	.5	.3	.1	.7	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	0
R 0	81	81	81	81	79	79	79	79	76	76	76	72	72	72	69	69	69	67
C 1	73	70	66	63	71	68	65	62	65	62	60	62	60	58	59	57	56	54
R 2	66	60	55	50	64	58	54	50	56	52	48	53	50	47	51	48	46	44
3	60	52	46	41	58	51	45	41	49	44	40	46	42	39	45	41	38	36
4	55	46	39	34	53	45	39	34	43	38	33	41	37	33	39	36	32	31
5	50	41	34	29	48	40	34	29	38	33	29	37	32	28	35	31	28	26
6	46	36	30	25	45	36	30	25	34	29	25	33	28	24	32	27	24	23
7	43	33	27	22	41	32	26	22	31	26	22	30	25	21	29	25	21	20
8	39	30	24	20	38	29	23	19	28	23	19	27	23	19	26	22	19	17
9	37	27	21	17	36	27	21	17	26	21	17	25	20	17	24	20	17	16
10	34	25	19	16	33	25	19	16	24	19	16	23	19	15	22	18	15	14

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	978	16.0	23.3
0-40	1631	26.7	38.8
0-60	3010	49.4	71.6
0-90	4140	67.9	98.4
90-120	65	1.1	1.6
90-130	65	1.1	1.6
90-150	66	1.1	1.6
90-180	66	1.1	1.6
0-180	4205	68.9	100

Total Luminaire Optical Efficiency = 68.9%
Spacing Criterion: 0° = 1.24, 90° = 1.39

SHELL LITE ORDERING INFORMATION:

SERIES	LAMP QTY	LAMP TYPE	LENS	OPTIONS	VOLTAGE
C1 Wet Location SC1 Splash Zone	2 Standard T4 Tandem	2 .125 Clear Acrylic (No Pattern) Tube (base) 6 .125 Clear Polycarbonate (No Pattern) Tube		EMERGENCY B1 Bodine BDL700 (0-50°C) N/A <4FT B2 Bodine BDL500 (0-50°C) N/A <4FT B3 Bodine BDL900 (0-50°C) N/A <4FT BALLASTS D4 < 10% THD (Consult Factory) E2 2 Electronic Ballasts E9 Rapid Start Electronic Ballast FUSING F1 GLR/HLR Fusing (Fast) F2 GMF/HLR Fusing (Slow) MISC M7 Stainless Steel Hanger Strap M9 Wall Mounting (Consult Agent) W1 Cord & Plug (Consult Agent) Y5 RFI Suppressors/Filters <i>Add hyphens between options</i>	120V/60Hz Standard 277V/60Hz 347V/60Hz 50Hz & Other Voltages Available
40BX F40T5TT (2FT) 0° 50BX F50T5TT (2FT) 0° 17 F17T8 (2FT) 0° 28T5 F28T (4FT) 0° 32 F32T8 (4FT) 0° 48H F48T12/HO Mag. (4FT) -20° 54T5H F54T5/HO (4FT) 0° 96H F96T12/HO Mag. (8FT) -20° 96T8 F96T8 (8FT) (59W) 50° 96T8H F96T8/HO (8FT) -20°		TANDEM LAMPS <i>Tandem lamps are tandem wired</i> 28T5 F28T (8FT) 0° 32 F32T8 (8FT) 0° 54T5H F54T5/HO (8FT) 0°			

Other Wattages Available, Consult Factory.

NSF Food Processing Note:

Food Zone (F prefix) luminaires come in DIRECT CONTACT with food.
Splash Zone (S prefix) units may become soiled, but are outside the danger of recontamination.

Information subject to change without notice. Lamps supplied by others.

© 2005 Paramount Industries, Inc. P.O. Box 259 Crosswell, MI 48422

Project Information: