

Cel•Lite

LIGHTING FOR HIGH SECURITY DETENTION ENVIRONMENTS



Cel•Lite: Light fixtures are designed to integrate with Cel•Line security ceiling systems. Cel•Lite fluorescent light fixtures for recessed applications are available 12" and 24" wide with lengths of 24" and 48".

FEATURES and BENEFITS:

- Cel•Lite will not compromise the function of Cel•Line security ceiling systems.
- Tamper evident
- Contraband can not be concealed in the system.
- Concealed spring loaded drop-slot piano type internal hinge
- Finish - Polyester powder coat
- Ballast - UL listed class P (thermal protection)
- Luminous Seal - polyurethane foam prevents light leaks from luminaire base.
- Listings - UL and CUL listed for damp locations. See ordering information for wet location applications.



Surface mounted fixtures are also available. Please contact us for ordering information.

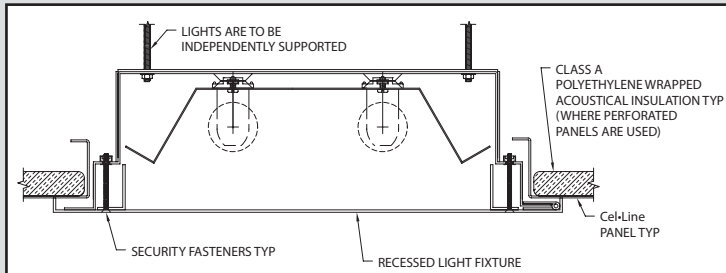
ORDERING INFORMATION

Series	Nominal Size	Door/Hsg. Material	Lamp Qty	Lamp Type	Ballast Type	Ballast Qty	Voltage	Lens Inner/Outer	Fasteners	Options
CLCR - Recess Mount										
Nominal Size	1 - 12" x 24" 2 - 24" x 24" 3 - 12" x 48" 4 - 24" x 48"	Door/Housing Material	Lamp Type - 2' Nominal Length 17 F17T8 31U F31T8 (1 Lamp Max. - 12" wide / 3 Lamp Max. - 24" wide) 40B F40TT (2 Lamp Max. - 12" wide / 4 Lamp Max. - 24" wide)	Lamp Type - 4' Nominal Length 28 F28T5 32 F32T8 54 F54T5HO (2 Lamp Max. - 12" wide / 4 Lamp Max. - 24" wide)	Ballast Type	Ballast Qty	Voltage	Lens (Inner/Outer) Maximum Combined Thickness - .625"	Fasteners	Options
		0 14 Gauge CRS (Painted) 1 16 Gauge CRS (Painted) 2* 18 Gauge CRS (Painted) 3 14 Gauge SS (Painted) 4 16 Gauge SS (Painted) 6** 14 Gauge SS (Brushed) 7** 16 Gauge SS (Brushed) 9 12 Gauge CRS (Painted)		IS Instant Start Electronic <10% THD (T8) RS Rapid Start Electronic <10% THD (CFL,T8,T5,T5HO) SB Specified Ballast	1 One 2 Two	120 120 Volts 277 277 Volts 347 347 Volts	0 No Lens 1 .125" Prismatic Acrylic 2 .125" Prismatic Polycarbonate 3 .125" Textured Polycarbonate G .125" Clear Polycarbonate 4 .156" Prismatic Polycarbonate R .156" Prismatic Tempered Glass 6 .187" Prismatic Polycarbonate 7 .187" Clear Polycarbonate 8 .187" Clear Tempered Glass 9 .250" Clear Polycarbonate A .250" Clear Tempered Glass B .375" Clear Polycarbonate C .375" Clear Tempered Glass J .500" Clear Polycarbonate P .500" Clear Tempered Glass	1 Torx® Head w/Center Pin 2 Allen Head w/Center Pin	CC Cross Channel Mounting Kit PF Plaster Frame Mounting Kit YF Yoke Frame Mounting Kit EL+ Standard Lumen EL Pack SEL+ High Lumen EL Pack G Specified EL Pack FS Single Fuse & Holder SK Speaker Housing Extension TN++ PL Night Light - Lamp by Others (120/277V only) DLN LED Night Light w/Light Level Control UV Ultraviolet Filter SN Splash Non-Food Zone/National Sanitation Foundation Listed WL Wet Location Listed IH4 Full Length Internal Hinge	
		Lamp Qty								
		1*** One 2 Two 3 Three 4**** Four								
		* Not available as Door Material ** Not Available as Hsg. Material *** Not Available for 24" wide fixtures ****Not Available for 12" wide fixtures								+ Not available 12" wide fixtures with F54T5HO ++ Two lamp max on 12" wide fixtures



MOUNTING DETAILS & PHOTOMETRIC INFORMATION

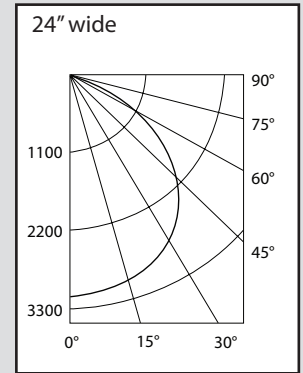
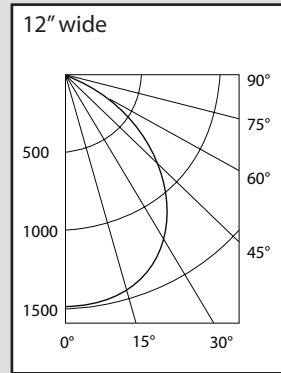
CLCR - Recess Mount



RECOMMENDED CEILING CUT OUT:

- 12.00" X 25.25"
- 12.00" X 49.25"
- 24.00" X 25.25"
- 24.00" X 49.25"

CANDLEPOWER DISTRIBUTION:



COEFFICIENTS OF UTILIZATIONS
ZONAL CAVITY METHOD: 12" WIDE

Test Report Number: 1TL46326
Lamps: Two 32 Watt T8 (2950 Lumens per Lamp)

RF	20										
RC	80	70	50								
RW	70	50	30	10							
0	68	68	68	68	66	66	66	66	64	64	64
1	63	61	59	57	62	60	58	56	57	56	54
2	58	54	51	48	57	53	60	47	51	49	46
3	54	48	44	41	52	47	44	41	46	43	40
4	50	43	39	35	48	43	38	35	41	38	35
5	46	39	34	31	45	39	34	31	37	34	31
6	43	36	31	27	42	35	31	27	34	30	27
7	40	32	28	24	39	32	28	24	31	27	24
8	37	30	25	22	36	29	25	22	29	25	22
9	35	27	23	20	34	27	23	20	26	23	20
10	32	25	21	18	32	25	21	18	24	21	18

COEFFICIENTS OF UTILIZATIONS
ZONAL CAVITY METHOD: 24" WIDE

Test Report Number: 1TL47207
Lamps: Two 32 Watt T8 (2950 Lumens per Lamp)

RF	20										
RC	80	70	50								
RW	70	50	30	10							
0	79	79	79	79	77	77	77	77	74	74	74
1	73	70	68	66	71	69	67	65	66	64	62
2	67	62	58	55	65	61	57	54	59	55	53
3	62	55	50	46	60	54	49	46	52	48	45
4	57	49	44	40	55	48	43	39	47	42	39
5	52	44	39	34	51	43	38	34	42	37	34
6	48	40	34	30	47	39	34	30	38	33	30
7	45	36	31	27	44	36	30	27	35	30	27
8	42	33	28	24	41	33	28	24	32	27	24
9	39	30	25	22	38	30	25	22	29	25	21
10	37	28	23	20	36	28	23	20	27	23	20

LUMINANCE DATA IN CANDELA: 12" WIDE

Total Luminaire Efficiency: 57.2%
Cross Spacing: 1.3

Angle in DEG	Average 0 DEG	Average 45 DEG	Average 90 DEG
45	5056	4948	5249
55	3859	3569	3829
65	2629	1964	2447
75	1710	1628	1595
85	781	879	879

LUMINANCE DATA IN CANDELA: 24" WIDE

Total Luminaire Efficiency: 66.4%
Cross Spacing: 1.3

Angle in DEG	Average 0 DEG	Average 45 DEG	Average 90 DEG
45	4486	4878	5454
55	3568	3915	4298
65	2603	2687	3005
75	1849	1566	1743
85	645	645	664



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