

Ceiling Cutout: 8" (203 mm)

Ordering Guide (2 Part System: Trim and Frame-In-Kit)

Trim	Frame-In-Kit	Lamp	Volt	Finish
SL205CT	SL205CFTEU SL205CFTE3 SL205CFPKU SL205CFTS1 SL205CFTS2	1-26/32/42W TTT*	120/277V 347V 120/277V 120V 277V	Clear acrylic with White Lacquer lens and Stainless Steel trim ring

*Use 4100°K lamp for optimal white lens rendering.

Features

- Reflector:** Specular aluminum, 16 ga.
- Lens:** 1 1/4" (29mm) thick clear acrylic finished with a translucent diffused coating.
- Trim Ring:** 12 ga. aluminum. Stainless Steel finish.
- Socket Cup:** Heat dissipating die-cast aluminum. Positive locking attachment, without tools, to reflector assures proper optical alignment of lamp.
- Mounting Frame:** Die-cast aluminum suitable for dry ceilings.
- Retaining Springs:** Rust resistant springs simplify reflector/housing removal for inspection and maintenance.
- Mounting Brackets:** 16 ga. steel. Use 18" (457mm) mounting bars (optional) or with standard 3/4" (19mm), 1-1/2" (38mm) lathing channels (by others) or 1/2" (13mm) tubing (by others). Adjust vertically from inside of fixture.
- Junction Box:** 14 ga. steel, 4" (102mm) x 3-1/2" (89mm) x 2" (51mm) box, allows inspection from below. UL "c/us" listed for through branch circuit wiring with maximum of 8 no. 12, 90o C conductors.
- Screws:** Stainless Steel, Philips head.

Electrical

Ballast: Electronic Program Rapid Start T4 quad lamp ballast. Universal voltage "U" ballast automatically detect 120 volts or 277 volts operation. No visible flicker on starting, internally fused and protection circuit for lamp end of life. Sound rated "A". Designed for removal without tools from inside of luminaire for easy field inspection or service replacement.
TE: 26/32/42W TTT non-dimming
PK: 26/32/42W TTT Powersepc dimming HDF by Lightolier-Controls
TS: 26/32/42W TTT MARK-10 dimming by Advance
Lampholder: GX24q-4 universal base, 4 Pin.

Mounting

Recessed, Non-IC Type (non thermal insulation contact).
Luminaire Weight: 6 lbs.

Options and Accessories

Mounting Bars:

- 1950**, set of 2, 18" (457mm) long.
- 1951**, set of 2, 30" (762mm) long.

T-Bar Anchor Clips:

- 1956**, set of 4, for anchoring mounting bars to T-Bar runners.

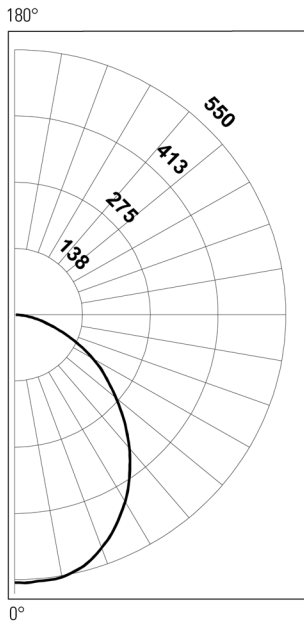
Labels

UL "c/us" Listed. Suitable for damp locations.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	



Spectral Architectural Lighting **SL205C**



CANDLEPOWER

Angle →	Mean	Lumens
0	556	
5	555	54
10	553	
15	540	152
20	515	
25	484	222
30	448	
35	406	253
40	362	
45	315	242
50	260	
55	225	201
60	184	
65	140	139
70	99	
75	65	70
80	38	
85	16	19
90	3	

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

ROOM CAVITY RATIO	Wall Reflectance																	
	80			70			50			30			10			0		
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	.50	.50	.50	.50	.49	.49	.49	.49	.47	.47	.47	.45	.45	.45	.436	.43	.43	.42
1	.47	.45	.43	.42	.46	.44	.43	.41	.42	.41	.40	.40	.40	.39	.39	.38	.37	
2	.43	.40	.38	.35	.42	.39	.37	.35	.38	.36	.34	.37	.35	.34	.35	.30	.33	.32
3	.40	.36	.33	.30	.39	.35	.32	.30	.34	.32	.30	.33	.31	.29	.32	.30	.29	.28
4	.37	.32	.29	.26	.36	.32	.29	.26	.31	.28	.26	.30	.27	.26	.29	.27	.25	.24
5	.34	.29	.26	.23	.33	.29	.25	.23	.28	.25	.23	.27	.24	.22	.26	.24	.22	.21
6	.31	.26	.23	.20	.31	.26	.23	.20	.25	.22	.20	.24	.22	.20	.24	.21	.20	.19
7	.29	.24	.20	.18	.28	.23	.20	.18	.23	.20	.18	.22	.19	.17	.22	.19	.17	.17
8	.27	.22	.18	.16	.26	.21	.18	.16	.21	.18	.16	.20	.18	.16	.20	.17	.15	.15
9	.25	.20	.16	.14	.24	.19	.16	.14	.19	.16	.14	.18	.16	.14	.18	.16	.14	.13
10	.23	.18	.15	.13	.23	.18	.15	.13	.17	.14	.12	.17	.14	.12	.17	.14	.12	.12

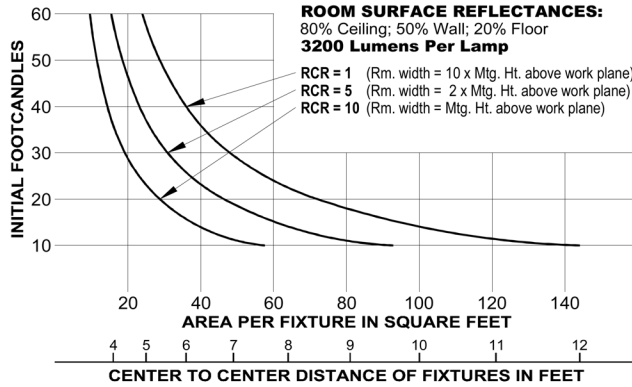
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUTS WATTS = 48.2

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-30	427	13.36	31.60
0-40	680	21.28	50.33
0-60	1124	35.15	83.14
0-90	1352	42.28	100.00
40-90	671	21.00	49.67
60-90	228	7.13	16.86
90-180	0	0.00	0.00
0-180	1352	42.28	100.00

REPORT NO: LSC8924
CAT. NO: SL205CTEU
1 x 42W TTT at 3200 lumens
Efficiency: 42.3%.
Spacing Ratio = 1.2

Quick Calculator



This quick calculator chart determines the number and spacing of 1 ft. - 42W TTT units with Clear Alzak reflector, for any level of illumination.



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SL205C 05/13

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