

Ceiling Cutout: 6 1/16" (167 mm)

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

Trim	Frame-In-Kit	Lamp	Volt	Finish
SL205BT	SL205BFTEU SL205BFTE3 SL205BFPMU SL205BFTQ1 SL205BFTQ2	1-26/32W 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. Comfort Clear low iridescence finish.
- Lens:** 1 1/8" (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, 90° 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: 26/32W TTT non-dimming

PM: 26/32W TTT Powersepcc dimming HDF by Lightolier-Controls

TQ: 26/32W TTT MARK-10 dimming by Advance

Lampholder: GX24q-3 base, 4 Pin.

Mounting

Recessed, Non-IC Type (non thermal insulation contact).

Luminaire Weight: 5 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:

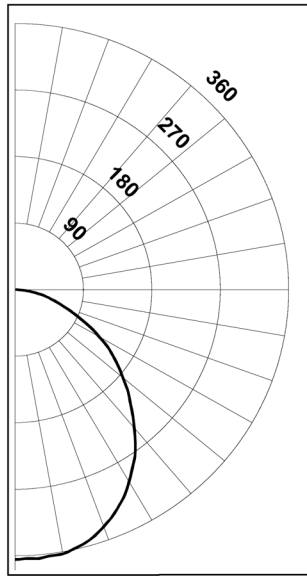
Cat. No.:

Lamp(s):

Notes:



180°



0°

CANDLEPOWER

Angle →	Mean	Lumens
0	365	
5	365	35
10	363	
15	355	100
20	341	
25	323	148
30	300	
35	275	171
40	244	
45	214	165
50	185	
55	158	141
60	128	
65	97	97
70	70	
75	49	52
80	31	
85	14	15
90	1	

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	50	30	10	50	30	10	50	30	10
0	.46	.46	.46	.46	.45	.45	.45	.45	.43	.43	.43	.41	.41	.41	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39
1	.42	.41	.39	.38	.41	.40	.39	.37	.38	.37	.36	.37	.36	.35	.35	.35	.34	.33	.33	.33	.33	.33	.33	.33	.33	.33
2	.39	.36	.34	.32	.38	.36	.33	.32	.34	.32	.31	.33	.32	.30	.32	.31	.30	.29	.29	.29	.29	.29	.29	.29	.29	.29
3	.36	.32	.30	.27	.35	.32	.29	.27	.31	.28	.27	.30	.28	.26	.29	.27	.26	.25	.25	.25	.25	.25	.25	.25	.25	.25
4	.33	.29	.26	.24	.33	.29	.26	.24	.28	.25	.23	.27	.25	.23	.26	.24	.23	.22	.22	.22	.22	.22	.22	.22	.22	.22
5	.31	.26	.23	.21	.30	.26	.23	.21	.25	.22	.20	.24	.22	.20	.24	.22	.20	.19	.19	.19	.19	.19	.19	.19	.19	.19
6	.28	.24	.20	.18	.28	.23	.20	.18	.23	.20	.18	.22	.20	.18	.21	.19	.17	.17	.17	.17	.17	.17	.17	.17	.17	.17
7	.26	.21	.18	.16	.26	.21	.18	.16	.20	.18	.16	.20	.17	.15	.19	.17	.15	.15	.15	.15	.15	.15	.15	.15	.15	.15
8	.24	.19	.16	.14	.24	.19	.16	.14	.19	.16	.14	.18	.16	.14	.18	.15	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14
9	.23	.18	.15	.12	.22	.17	.14	.12	.17	.14	.12	.17	.14	.12	.16	.14	.12	.12	.12	.12	.12	.12	.12	.12	.12	.12
10	.21	.16	.13	.11	.21	.16	.13	.11	.16	.13	.11	.15	.13	.11	.15	.13	.11	.11	.11	.11	.11	.11	.11	.11	.11	.11

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUTS WATTS =35.0

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-30	283	11.81	30.64
0-40	454	18.92	49.10
0-60	760	31.67	82.17
0-90	925	38.54	100.00
40-90	470	19.62	50.90
60-90	164	6.87	17.83
90-180	0	0.00	0.00
0-180	925	38.54	100.00

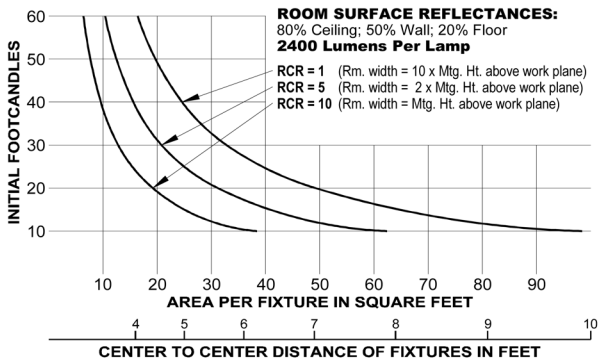
REPORT NO: LSC8923
CAT. NO: SL205BTEU

1 x 32W TTT at 2400 lumens

Efficiency: 39%.

Spacing Ratio = 1.2

Quick Calculator



This quick calculator chart determines the number and spacing of 1 ft. - 32W TTT units with Clear Alzak reflector, for any level of illumination.



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SL205B 05/13

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