

Ceiling Cutout: 5 1/16" (128 mm)

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

Trim	Frame-In-Kit	Lamp	Volt	Finish
SL205AT	SL205AFTAU SL205AFTA3	1-18W TTT** 1-18W TTT**	120/277V 347V	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 detects 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.

TA: 18W TTT non-dimming

Lampholder: GX24q-2 base, 4 Pin.

Mounting

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

Luminaire Weight: 4 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.

Dimming Ballast*

Labels

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

Job Information

Type:

Job Name:

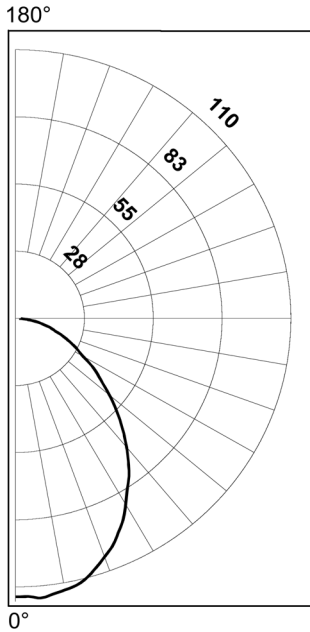
Cat. No.:

Lamp(s):

Notes:



Spectral Architectural Lighting **SL205A**



CANDLEPOWER

Angle →	Mean	Lumens
0	114	
5	115	11
10	113	
15	110	31
20	104	
25	97	44
30	88	
35	79	49
40	69	
45	59	45
50	49	
55	40	36
60	31	
65	25	25
70	19	
75	14	15
80	9	
85	4	5
90	2	

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	.26	.26	.26	.26	.25	.25	.25	.25	.24	.24	.24	.23	.23	.23	.22	.22	.22	.22			
1	.24	.23	.22	.21	.23	.23	.22	.21	.22	.21	.20	.21	.20	.20	.20	.19	.19	.19			
2	.22	.21	.19	.18	.22	.20	.19	.18	.19	.18	.18	.19	.18	.17	.18	.17	.17	.16			
3	.20	.18	.17	.16	.20	.18	.17	.15	.17	.16	.15	.17	.16	.15	.16	.15	.15	.14			
4	.19	.17	.15	.14	.18	.16	.15	.14	.16	.15	.13	.15	.14	.13	.15	.14	.13	.13			
5	.18	.15	.13	.12	.17	.15	.13	.12	.14	.13	.12	.14	.13	.12	.14	.12	.12	.11			
6	.16	.14	.12	.11	.16	.13	.12	.11	.13	.12	.10	.13	.11	.10	.12	.11	.10	.10			
7	.15	.12	.11	.09	.15	.12	.10	.09	.12	.10	.09	.11	.10	.09	.11	.10	.09	.09			
8	.14	.11	.10	.08	.14	.11	.09	.08	.11	.09	.08	.11	.09	.08	.10	.09	.08	.08			
9	.13	.10	.09	.07	.13	.10	.09	.07	.10	.08	.07	.10	.08	.07	.09	.08	.07	.07			
10	.12	.09	.08	.07	.12	.09	.08	.07	.09	.08	.07	.09	.08	.07	.09	.07	.07	.06			

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUTS WATTS = 19.2

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-30	86	7.19	33.18
0-40	135	11.28	52.03
0-60	216	18.02	83.13
0-90	260	21.68	100.00
40-90	124	10.40	47.97
60-90	43	3.66	16.87
90-180	0	0.00	0.00
0-180	260	21.68	100.00

REPORT NO: LSC8775
 CAT. NO: SL205ATAU
 1 x 18W TTT at 1200 lumens
 Efficiency: 22%.
 Spacing Ratio = 1.2



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www.philips.com/luminaires

SL205A 05/13

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