

stemlight

CA12

12" Incandescent
Stemlight with
Acrylic Shade

Catalog No. _____

Type _____

Project _____



Specifications/Features

Fixture

Designed for industrial, retail and commercial applications where apparent brightness and high vertical footcandles are required. Track mount or mono-point ceiling canopy installation options. Suspension options include 120" field adjustable flexible cable or various rigid stem lengths (sold separately). Maximum allowable stem length is 10 feet. Optional bottom lenses available for enclosing the fixtures.

Lamp/Electrical

- (1) 150W A21, 120V Incandescent Lamp, E26 Medium Base.
- (1) 100W A21, 120V Incandescent Lamp, E26 Medium Base if used with bottom lens.

Warranty

This fixture is covered by Con-Tech's one (1) year full replacement guarantee after date of purchase.

Listing

cULus listed. Track installation is suitable for dry locations. Mono-point installation is suitable for damp locations.

Ordering Information

Example Order: - -

Fixture

CA12 - 12" Stemlight

Mounting

- SB** - Mono-Point, Flexible Cable
- TB** - Track Mount, Flexible Cable
- SS** - Mono-point, Rigid Stem*

*Rigid Stem sold separately.
See selection at right.

Finish

- B** - Black
- P** - White
- S** - Silver

Optional Accessories

- PACDLA12** - 12" Conical Acrylic Prismatic Drop Lens and Clamp for Enclosing Fixture
- PASFLA12** - 12" Smooth Acrylic Flat Lens and Clamp for Enclosing Fixture

Rigid Stem Lengths
("SS" Mono-Point Option ONLY)

- CLA2** - 2" Stem
- CLA12INT** - 12" Stem, Internal Coupling
- CLA18INT** - 18" Stem, Internal Coupling
- CLA36INT** - 36" Stem, Internal Coupling
- CLA60INT** - 60" Stem, Internal Coupling



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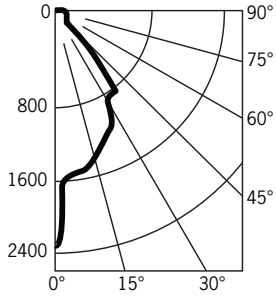
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CA12SB-B

Lamp: (1) 150W A-21 Incandescent Lumens: 2780 per lamp Spacing Criteria: 0.6 Efficiency: 85% Test No.: 59999



Candlepower Summary

FROM 0	ZONAL LUMENS
5	155
15	379
25	489
35	532
45	322
55	99
65	96
75	88
85	71

Cone of Light

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	64.0	3.5
8'	36.0	4.6
10'	23.0	5.8
12'	16.0	7.0
14'	11.8	8.1
16'	9.0	

Note: Diameter shown is where fc value is half the fc at nadir.

Coefficients of Utilization

RC RW	80%		70%		50%	
	50%	30%	50%	30%	50%	30%
0	100	100	97	97	92	92
1	89	86	87	84	82	80
2	80	76	78	74	75	71
3	73	67	71	66	68	64
4	67	60	65	59	63	58
5	61	55	60	54	58	53
6	56	50	55	49	53	48
7	52	46	51	45	49	44
8	48	42	47	42	46	41
9	45	39	44	38	43	38
10	42	36	41	36	40	35

Note: Effective floor cavity reflectance = 20%

