

**Filename: FL13-120V-JB82SI-112.5W-14-2835-NW-4.5
(IES-E30-4.5W)**

Manufacturer: BELUCE CANADA INC.

Luminaire: LED Strip light

Luminaire Cat: PL-120V-JB20SI-90W-14-2835-PW-4.5W

Lamp Output: Total luminaire Lumens: 423

Max Candela: 119.2 at Horizontal: 0°, Vertical: 4°

Input Wattage: 5.019

Luminous Opening: Rectangle (L: 19.69", W: 0.39")

Test: FLEXLINE E30 - FL13-120V-JB82SI-112.5W-14-2835-NW-4.5

Test Date: 2025-12-20

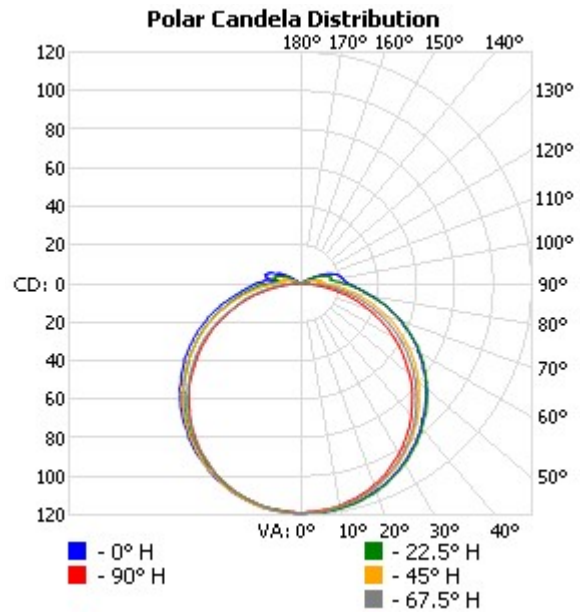
Test Lab: Bell-Southcn Testing Laboratory

Photometry : Type C

CIE Class: Direct

Cutoff Class: Noncutoff

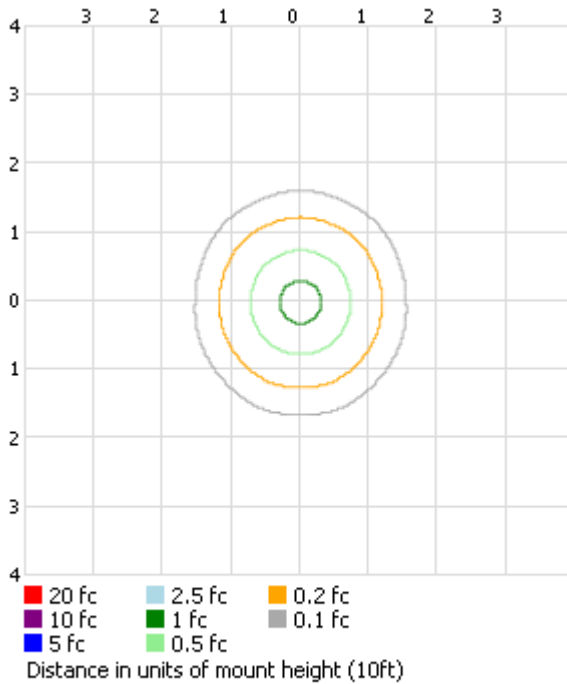
Nema Type: 7 X 7


Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	94.0	22.2%
0-40	155.9	36.8%
0-60	286.2	67.7%
60-90	113.4	26.8%
70-100	70.4	16.6%
90-120	22.7	5.4%
0-90	399.6	94.5%
90-180	23.4	5.5%
0-180	423.0	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	11.3	2.7%	90-100	10.9	2.6%
10-20	32.6	7.7%	100-110	8.2	1.9%
20-30	50.1	11.8%	110-120	3.6	0.9%
30-40	61.9	14.6%	120-130	0.5	0.1%
40-50	66.6	15.7%	130-140	0.1	0%
50-60	63.8	15.1%	140-150	0.1	0%
60-70	53.8	12.7%	150-160	0.1	0%
70-80	38.3	9.0%	160-170	0.0	0%
80-90	21.3	5.0%	170-180	0.0	0%

Isofootcandle Plot

Illuminance at a Distance

	Center Beam fc	Beam Width
8.3ft	1.73 fc	37.0 ft 27.0 ft
16.7ft	0.43 fc	74.4 ft 54.2 ft
25.0ft	0.19 fc	111.4 ft 81.2 ft
33.3ft	0.11 fc	148.4 ft 108.2 ft
41.7ft	0.07 fc	185.8 ft 135.5 ft
50.0ft	0.05 fc	222.8 ft 162.4 ft

■ Vert. Spread: 131.6°
 ■ Horiz. Spread: 116.8°

Luminaire Report Summary

IESNA:LM-63-2002
[TEST] FLEXLINE E30 - FL13-120V-JB82SI-112.5W-14-2835-NW-4.5
[TESTLAB] Bell-Southcn Testing Laboratory
[TESTDATE] 2025-12-20
[ISSUEDATE] 2025-12-20
[MANUFAC] BELUCE CANADA INC.
[LUMCAT] PL-120V-JB20SI-90W-14-2835-PW-4.5W
[LUMINAIRE] LED Strip light
[LAMPCAT]
[LAMP]
[LumELE] 120 0.047 5.019 0.883

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 181, HORIZONTAL ANGLES: 17
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.