

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: METALUX

Report Number: P1585905

Luminaire Tested: 14CZSP-SB-75-L935

Issue Date: 9/3/2026

Test Information

Test Method: LM-79-2019
Report Number: P1585905
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2608-884-3)
Test Lab: INNOVATION CENTER
Issue Date: 9/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 14CZSP-SB-75-L935
Description: 1x4 CZSP LED Luminaire, 3500K CCT and 7200 lumens, 90CRI, Ribbed Lens, SB housing
Light Source: -
Ballast/Driver: -

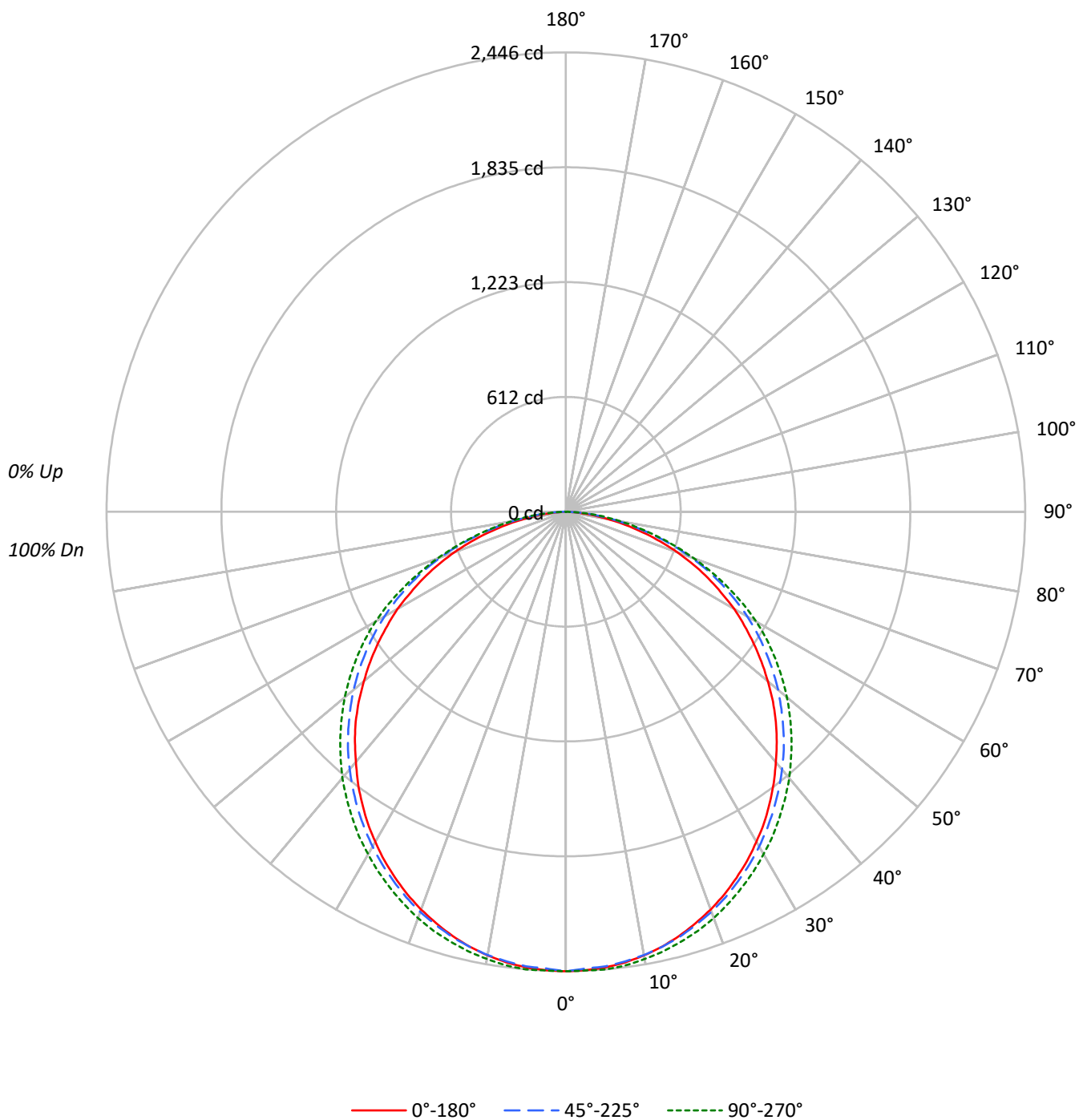
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7068.0 lumens
Efficiency: N/A
Efficacy: 123.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.28 / 1.38
Luminous Opening: Rectangular (W 0.83' x L: 3.83' x H: 0')
CIE Type: Direct

Input Watts (W): 57.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1585905
CATALOG NUMBER: 14CZSP-SB-75-L935

Luminous Intensity Polar Plot



TEST NUMBER: P1585905

CATALOG NUMBER: 14CZSP-SB-75-L935

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	109	104	100	96	106	102	98	94	97	94	91		93	91	88		90	88	86	84
2	99	90	83	78	96	88	82	77	85	79	75		82	77	73		79	75	71	69
3	90	79	71	64	87	78	70	64	75	68	63		72	66	61		69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53		64	58	52		62	56	52	50
5	75	62	53	47	73	61	53	46	59	52	46		57	51	45		55	50	45	43
6	70	56	47	41	68	55	47	40	53	46	40		52	45	40		50	44	39	37
7	65	51	42	36	63	50	42	36	49	41	35		47	40	35		46	40	35	33
8	60	46	38	32	58	46	38	32	44	37	32		43	36	31		42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	28		40	33	28		39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26		37	30	26		36	30	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	8244	8244	8244
5°	8237	8217	8272
10°	8207	8200	8273
15°	8155	8172	8268
20°	8083	8130	8255
25°	7995	8070	8221
30°	7895	8010	8192
35°	7786	7945	8162
40°	7649	7878	8142
45°	7540	7806	8097
50°	7360	7734	8059
55°	7171	7632	7997
60°	6978	7520	7890
65°	6665	7322	7590
70°	6219	6991	7161
75°	5541	6336	6521
80°	4523	5492	5769
85°	2992	4369	4686

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 8097 cd/sqm

TEST NUMBER: P1585905

CATALOG NUMBER: 14CZSP-SB-75-L935

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	231.7	3.3
10°-20°	663.8	9.4
20°-30°	1004.9	14.2
30°-40°	1213.0	17.2
40°-50°	1266.7	17.9
50°-60°	1158.8	16.4
60°-70°	895.9	12.7
70°-80°	507.2	7.2
80°-90°	126.0	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1900.4	26.9
0°-40°	3113.4	44.0
0°-60°	5538.9	78.4
0°-90°	7068.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7068.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2446	2446	2446	2446	2446	
5°	2435	2453	2429	2431	2446	231
15°	2338	2358	2343	2354	2370	659
25°	2150	2178	2171	2191	2211	991
35°	1893	1919	1931	1964	1984	1184
45°	1582	1613	1638	1680	1699	1219
55°	1221	1257	1299	1340	1361	1092
65°	836	870	918	946	952	825
75°	426	462	487	499	501	451
85°	77	90	113	118	121	100
90°	0	0	0	0	0	

TEST NUMBER: P1585905

CATALOG NUMBER: 14CZSP-SB-75-L935

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2446.5	2446.5	2446.5	2446.5	2446.5
2.5°	2443.5	2460.8	2434.3	2439.4	2444.5
5°	2435.3	2452.6	2429.2	2431.3	2445.5
7.5°	2420.1	2439.4	2415.0	2419.0	2436.4
10°	2398.7	2418.0	2396.6	2400.7	2418.0
12.5°	2371.2	2390.5	2372.2	2378.3	2397.7
15°	2337.6	2358.0	2342.7	2353.9	2370.2
17.5°	2296.9	2322.3	2306.0	2323.3	2339.6
20°	2254.1	2279.6	2267.3	2282.6	2302.0
22.5°	2205.2	2230.7	2221.5	2237.8	2259.2
25°	2150.3	2177.8	2170.6	2191.0	2211.3
27.5°	2093.2	2119.7	2117.7	2140.1	2161.5
30°	2029.1	2057.6	2058.6	2085.1	2105.5
32.5°	1965.0	1990.4	1996.5	2026.1	2049.5
35°	1892.7	1919.1	1931.4	1963.9	1984.3
37.5°	1819.4	1848.9	1862.1	1897.8	1919.1
40°	1738.9	1772.5	1790.9	1828.5	1850.9
42.5°	1662.6	1693.1	1717.6	1755.2	1775.6
45°	1582.2	1612.7	1638.1	1679.9	1699.2
47.5°	1495.6	1529.2	1556.7	1597.4	1618.8
50°	1404.0	1440.6	1475.3	1515.0	1537.4
52.5°	1313.4	1349.0	1388.7	1427.4	1449.8
55°	1220.7	1257.4	1299.1	1339.8	1361.2
57.5°	1127.1	1163.7	1209.5	1246.2	1268.6
60°	1035.4	1069.0	1115.9	1152.5	1170.8
62.5°	931.6	970.3	1018.1	1054.8	1064.9
65°	835.9	870.5	918.3	945.8	951.9
67.5°	734.1	768.7	816.5	831.8	841.0
70°	631.2	667.9	709.6	719.8	726.9
72.5°	527.4	565.1	597.6	607.8	613.9
75°	425.6	462.2	486.7	498.9	500.9
77.5°	326.8	360.4	382.8	397.1	397.1
80°	233.1	258.6	283.0	298.3	297.3
82.5°	148.6	168.0	193.4	204.6	211.8
85°	77.4	89.6	113.0	118.1	121.2
87.5°	24.4	31.6	40.7	33.6	32.6
90°	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1585905

CATALOG NUMBER: 14CZSP-SB-75-L935

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	19.01	20.66	19.37	20.97	21.29	19.55	21.20	19.91	21.51	21.83
	3H	20.78	22.28	21.16	22.60	22.96	21.41	22.90	21.79	23.23	23.59
	4H	21.41	22.81	21.80	23.16	23.54	22.08	23.49	22.48	23.84	24.21
	6H	21.81	23.12	22.22	23.48	23.87	22.57	23.87	22.98	24.24	24.63
	8H	21.91	23.16	22.34	23.55	23.95	22.72	23.97	23.15	24.36	24.76
	12H	21.96	23.15	22.39	23.54	23.96	22.82	24.02	23.25	24.40	24.83
4H	2H	19.75	21.16	20.15	21.50	21.88	20.17	21.58	20.57	21.92	22.30
	3H	21.74	22.92	22.15	23.32	23.72	22.25	23.43	22.66	23.83	24.23
	4H	22.49	23.56	22.92	23.97	24.41	23.05	24.12	23.48	24.53	24.97
	6H	23.01	23.94	23.46	24.38	24.84	23.66	24.60	24.12	25.04	25.49
	8H	23.14	24.02	23.60	24.46	24.93	23.87	24.74	24.33	25.18	25.65
	12H	23.22	24.01	23.70	24.48	24.95	24.01	24.79	24.49	25.27	25.74
8H	4H	22.84	23.72	23.30	24.16	24.63	23.34	24.21	23.80	24.66	25.12
	6H	23.48	24.20	23.97	24.69	25.17	24.07	24.80	24.56	25.29	25.76
	8H	23.67	24.32	24.18	24.83	25.31	24.34	25.00	24.85	25.50	25.99
	12H	23.80	24.37	24.30	24.86	25.42	24.55	25.13	25.06	25.62	26.18
12H	4H	22.89	23.67	23.37	24.15	24.62	23.36	24.15	23.84	24.62	25.09
	6H	23.54	24.20	24.05	24.70	25.19	24.11	24.77	24.62	25.27	25.76
	8H	23.79	24.37	24.30	24.86	25.42	24.44	25.02	24.95	25.51	26.07