

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: P1585911

Luminaire Tested: 14CZSP-SB-75-L950

Issue Date: 9/3/2026

Test Information

Test Method: LM-79-2019
Report Number: P1585911
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-L950
Description: 1x4 CZSP LED Luminaire, 5000K CCT and 7200 lumens, 90CRI, Ribbed Lens, SB housing
Light Source: -
Ballast/Driver: -

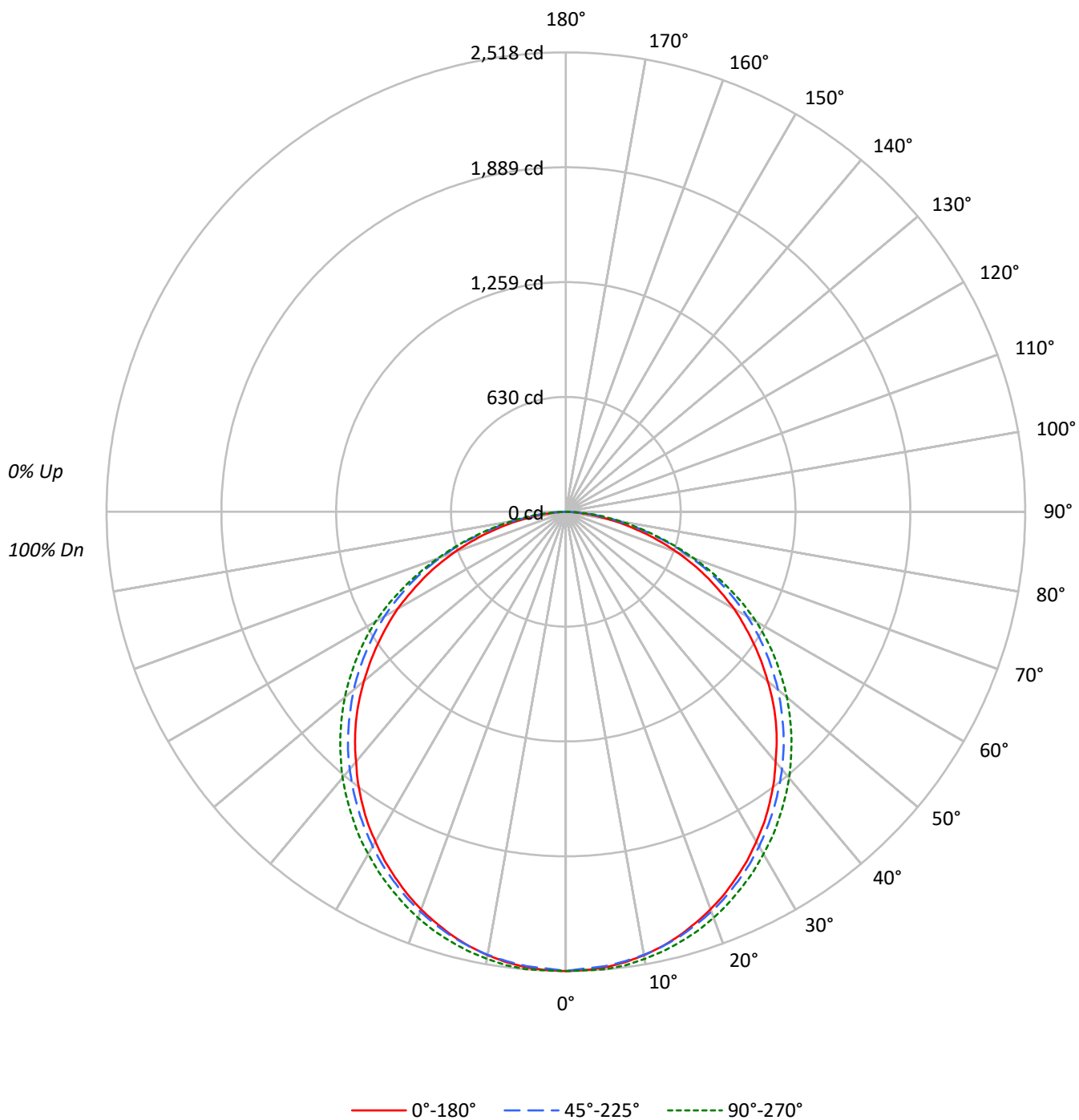
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7273.0 lumens
Efficiency: N/A
Efficacy: 127.2 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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	8483	8483	8483
5°	8476	8455	8512
10°	8445	8438	8514
15°	8391	8409	8508
20°	8317	8366	8494
25°	8226	8304	8460
30°	8124	8242	8430
35°	8011	8175	8399
40°	7871	8106	8378
45°	7758	8033	8332
50°	7573	7958	8293
55°	7379	7853	8229
60°	7181	7738	8119
65°	6858	7535	7810
70°	6399	7194	7369
75°	5701	6520	6710
80°	4655	5651	5936
85°	3077	4496	4821

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 8332 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	238.4	3.3
10°-20°	683.0	9.4
20°-30°	1034.1	14.2
30°-40°	1248.2	17.2
40°-50°	1303.5	17.9
50°-60°	1192.4	16.4
60°-70°	921.9	12.7
70°-80°	521.9	7.2
80°-90°	129.7	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°	1955.5	26.9
0°-40°	3203.7	44.0
0°-60°	5699.6	78.4
0°-90°	7273.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7273.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2518	2518	2518	2518	2518	
5°	2506	2524	2500	2502	2516	238
15°	2405	2426	2411	2422	2439	678
25°	2213	2241	2234	2254	2276	1020
35°	1948	1975	1987	2021	2042	1218
45°	1628	1660	1686	1729	1748	1254
55°	1256	1294	1337	1379	1401	1123
65°	860	896	945	973	980	849
75°	438	476	501	513	515	464
85°	80	92	116	122	125	103
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2517.5	2517.5	2517.5	2517.5	2517.5
2.5°	2514.4	2532.2	2504.9	2510.2	2515.4
5°	2506.0	2523.8	2499.7	2501.8	2516.4
7.5°	2490.3	2510.2	2485.0	2489.2	2507.0
10°	2468.3	2488.2	2466.2	2470.3	2488.2
12.5°	2440.0	2459.9	2441.0	2447.3	2467.2
15°	2405.4	2426.3	2410.6	2422.2	2438.9
17.5°	2363.5	2389.7	2372.9	2390.7	2407.5
20°	2319.5	2345.7	2333.1	2348.8	2368.7
22.5°	2269.2	2295.4	2286.0	2302.7	2324.7
25°	2212.6	2240.9	2233.6	2254.5	2275.5
27.5°	2154.0	2181.2	2179.1	2202.2	2224.2
30°	2088.0	2117.3	2118.3	2145.6	2166.5
32.5°	2022.0	2048.1	2054.4	2084.8	2108.9
35°	1947.6	1974.8	1987.4	2020.9	2041.9
37.5°	1872.1	1902.5	1916.1	1952.8	1974.8
40°	1789.4	1824.0	1842.8	1881.6	1904.6
42.5°	1710.8	1742.2	1767.4	1806.1	1827.1
45°	1628.0	1659.5	1685.7	1728.6	1748.5
47.5°	1539.0	1573.6	1601.9	1643.8	1665.8
50°	1444.7	1482.4	1518.0	1558.9	1581.9
52.5°	1351.5	1388.1	1429.0	1468.8	1491.8
55°	1256.1	1293.8	1336.8	1378.7	1400.7
57.5°	1159.7	1197.5	1244.6	1282.3	1305.4
60°	1065.5	1100.0	1148.2	1185.9	1204.8
62.5°	958.6	998.4	1047.6	1085.4	1095.8
65°	860.1	895.7	945.0	973.3	979.5
67.5°	755.4	791.0	840.2	855.9	865.4
70°	649.5	687.3	730.2	740.7	748.0
72.5°	542.7	581.4	615.0	625.4	631.7
75°	437.9	475.6	500.8	513.3	515.4
77.5°	336.3	370.9	393.9	408.6	408.6
80°	239.9	266.1	291.2	307.0	305.9
82.5°	153.0	172.9	199.1	210.6	217.9
85°	79.6	92.2	116.3	121.5	124.7
87.5°	25.1	32.5	41.9	34.6	33.5
90°	0.0	0.0	0.0	0.0	0.0

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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	19.11	20.76	19.47	21.07	21.39	19.65	21.30	20.01	21.61	21.93
	3H	20.88	22.38	21.26	22.70	23.06	21.51	23.00	21.89	23.33	23.69
	4H	21.50	22.91	21.90	23.26	23.64	22.18	23.59	22.58	23.94	24.31
	6H	21.91	23.22	22.32	23.58	23.97	22.67	23.97	23.08	24.34	24.73
	8H	22.01	23.26	22.43	23.65	24.05	22.82	24.07	23.25	24.46	24.86
	12H	22.06	23.25	22.49	23.64	24.06	22.92	24.12	23.35	24.50	24.93
4H	2H	19.85	21.26	20.25	21.60	21.98	20.27	21.68	20.67	22.02	22.40
	3H	21.84	23.02	22.25	23.42	23.82	22.35	23.53	22.76	23.93	24.33
	4H	22.59	23.66	23.02	24.07	24.51	23.15	24.22	23.58	24.63	25.07
	6H	23.11	24.04	23.56	24.48	24.94	23.76	24.70	24.22	25.14	25.59
	8H	23.24	24.12	23.70	24.56	25.02	23.97	24.84	24.43	25.28	25.75
	12H	23.32	24.11	23.80	24.58	25.05	24.11	24.89	24.59	25.37	25.84
8H	4H	22.94	23.82	23.40	24.26	24.73	23.44	24.31	23.90	24.75	25.22
	6H	23.58	24.30	24.07	24.79	25.27	24.17	24.90	24.66	25.39	25.86
	8H	23.77	24.42	24.28	24.93	25.41	24.44	25.10	24.95	25.60	26.09
	12H	23.90	24.47	24.40	24.96	25.52	24.65	25.23	25.16	25.72	26.28
12H	4H	22.99	23.77	23.46	24.25	24.72	23.46	24.25	23.94	24.72	25.19
	6H	23.64	24.29	24.15	24.80	25.29	24.21	24.87	24.72	25.37	25.86
	8H	23.89	24.47	24.40	24.96	25.52	24.54	25.12	25.05	25.61	26.17