

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: P1585910

Luminaire Tested: 14CZSP-SB-75-L950-S

Issue Date: 9/3/2026

Test Information

Test Method: LM-79-2019
Report Number: P1585910
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2608-884-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 14CZSP-SB-75-L950-S
Description: 1x4 CZSP LED Luminaire, 5000K CCT and 7200 lumens, 90CRI, Smooth Lens, SB housing
Light Source: -
Ballast/Driver: -

Summary

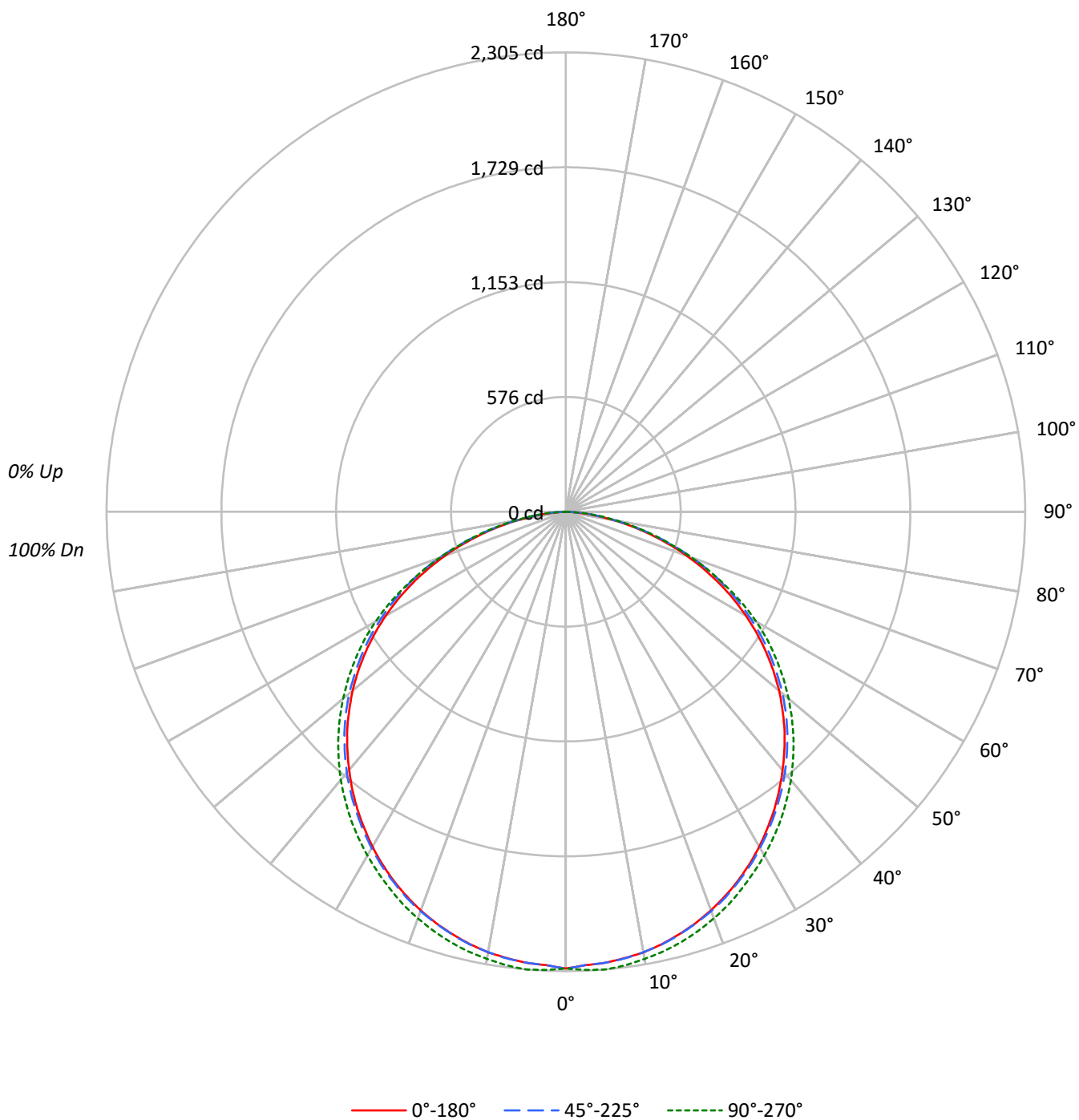
Lumens per Lamp: N/A
Luminaire Lumens: 6763.0 lumens
Efficiency: N/A
Efficacy: 118.2 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.29 / 1.39
Luminous Opening: Rectangular (W 0.83' x L: 3.83' x H: 0')
CIE Type: Direct

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			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	99	96	106	102	98	94	97	94	91		93	91	88		90	88	86	84
2	99	90	83	77	96	88	82	77	85	79	75		81	77	73		78	75	71	69
3	90	79	71	64	87	77	70	64	74	68	62		72	66	61		69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53		64	57	52		61	56	52	49
5	75	62	53	46	73	61	53	46	59	51	46		57	50	45		55	49	45	43
6	70	56	47	40	68	55	46	40	53	46	40		52	45	40		50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35		47	40	35		46	39	35	33
8	60	46	38	32	58	46	37	32	44	37	31		43	36	31		42	36	31	29
9	56	42	34	28	55	42	34	28	41	33	28		40	33	28		39	32	28	26
10	52	39	31	26	51	39	31	26	38	30	26		37	30	25		36	30	25	24

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	7722	7722	7722
5°	7685	7682	7797
10°	7682	7678	7795
15°	7659	7666	7799
20°	7635	7650	7787
25°	7596	7616	7762
30°	7551	7583	7748
35°	7502	7548	7744
40°	7443	7520	7730
45°	7397	7491	7698
50°	7323	7437	7649
55°	7209	7343	7574
60°	7035	7216	7439
65°	6771	7027	7101
70°	6366	6662	6622
75°	5717	5959	5999
80°	4723	4964	5226
85°	3163	3684	3885

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 7698 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	217.2	3.2
10°-20°	624.3	9.2
20°-30°	950.8	14.1
30°-40°	1157.1	17.1
40°-50°	1219.8	18.0
50°-60°	1123.5	16.6
60°-70°	867.7	12.8
70°-80°	485.6	7.2
80°-90°	117.0	1.7
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°	1792.3	26.5
0°-40°	2949.4	43.6
0°-60°	5292.7	78.3
0°-90°	6763.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6763.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2292	2292	2292	2292	2292	
5°	2272	2304	2271	2274	2305	216
15°	2195	2226	2198	2210	2236	620
25°	2043	2072	2048	2062	2088	942
35°	1824	1851	1835	1858	1883	1141
45°	1552	1574	1572	1596	1616	1196
55°	1227	1248	1250	1276	1289	1095
65°	849	874	881	890	891	839
75°	439	466	458	457	461	466
85°	82	90	95	107	100	105
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2291.7	2291.7	2291.7	2291.7	2291.7
2.5°	2277.2	2310.4	2277.2	2282.4	2301.1
5°	2272.1	2304.2	2271.0	2274.1	2305.2
7.5°	2258.6	2291.7	2260.7	2264.8	2294.8
10°	2245.1	2275.2	2244.1	2249.3	2278.3
12.5°	2222.3	2253.4	2224.4	2230.6	2259.6
15°	2195.4	2225.5	2197.5	2209.9	2235.8
17.5°	2164.4	2193.4	2166.4	2180.9	2205.8
20°	2129.1	2157.1	2133.3	2143.6	2171.6
22.5°	2087.7	2116.7	2093.9	2103.3	2133.3
25°	2043.2	2072.2	2048.4	2061.8	2087.7
27.5°	1994.5	2022.5	2001.8	2018.3	2041.1
30°	1940.7	1967.6	1949.0	1968.6	1991.4
32.5°	1882.7	1911.7	1893.0	1915.8	1938.6
35°	1823.7	1850.6	1835.0	1857.8	1882.7
37.5°	1759.4	1785.3	1773.9	1797.8	1820.5
40°	1692.1	1721.1	1709.7	1734.6	1757.4
42.5°	1622.7	1650.7	1641.4	1667.3	1687.0
45°	1552.3	1574.1	1572.0	1595.8	1615.5
47.5°	1474.7	1501.6	1497.4	1521.3	1538.9
50°	1397.0	1418.7	1418.7	1441.5	1459.1
52.5°	1313.1	1334.9	1334.9	1361.8	1376.3
55°	1227.2	1247.9	1249.9	1275.8	1289.3
57.5°	1136.0	1157.8	1161.9	1187.8	1200.2
60°	1043.9	1064.6	1070.8	1096.7	1103.9
62.5°	947.6	972.4	975.5	996.2	1000.4
65°	849.2	874.0	881.3	889.6	890.6
67.5°	748.7	774.6	781.9	781.9	781.9
70°	646.2	670.0	676.2	672.1	672.1
72.5°	542.6	568.5	565.4	561.3	563.4
75°	439.1	466.0	457.7	456.7	460.8
77.5°	339.7	365.6	352.1	360.4	361.4
80°	243.4	263.0	255.8	268.2	269.3
82.5°	156.4	168.8	170.9	181.2	178.1
85°	81.8	90.1	95.3	106.7	100.5
87.5°	25.9	34.2	31.1	36.2	28.0
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	19.14	20.79	19.50	21.11	21.42	19.35	21.01	19.72	21.32	21.64
	3H	20.96	22.46	21.33	22.78	23.14	21.15	22.65	21.53	22.98	23.34
	4H	21.60	23.02	22.00	23.36	23.74	21.79	23.20	22.19	23.55	23.93
	6H	22.03	23.34	22.44	23.71	24.10	22.24	23.55	22.65	23.92	24.31
	8H	22.14	23.39	22.57	23.78	24.18	22.38	23.63	22.80	24.02	24.41
	12H	22.20	23.39	22.62	23.78	24.20	22.45	23.65	22.88	24.03	24.46
4H	2H	19.82	21.23	20.21	21.58	21.95	19.99	21.40	20.38	21.75	22.12
	3H	21.86	23.04	22.27	23.44	23.84	22.00	23.18	22.41	23.58	23.98
	4H	22.64	23.71	23.07	24.12	24.56	22.76	23.83	23.19	24.24	24.68
	6H	23.19	24.12	23.64	24.56	25.02	23.33	24.27	23.79	24.71	25.16
	8H	23.33	24.21	23.79	24.65	25.12	23.51	24.38	23.97	24.83	25.29
	12H	23.42	24.20	23.90	24.68	25.15	23.62	24.41	24.10	24.88	25.35
8H	4H	22.94	23.82	23.40	24.26	24.73	23.05	23.93	23.51	24.37	24.84
	6H	23.60	24.33	24.10	24.82	25.29	23.73	24.46	24.23	24.95	25.42
	8H	23.81	24.46	24.32	24.97	25.45	23.97	24.63	24.48	25.13	25.62
	12H	23.94	24.52	24.45	25.01	25.57	24.15	24.73	24.66	25.22	25.78
12H	4H	22.97	23.76	23.45	24.24	24.71	23.08	23.87	23.56	24.34	24.81
	6H	23.65	24.30	24.16	24.81	25.29	23.78	24.43	24.28	24.94	25.42
	8H	23.91	24.48	24.41	24.97	25.53	24.07	24.64	24.57	25.13	25.69