

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: P1584811

Luminaire Tested: 14CZSP-A-75-L950

Issue Date: 9/3/2026

Test Information

Test Method: LM-79-2019
Report Number: P1584811
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2603-724-1)
Test Lab: INNOVATION CENTER
Issue Date: 9/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 14CZSP-A-75-L950
Description: 1x4 CZSP LED Luminaire, 5000K CCT and 7200 lumens, 90CRI, Ribbed Lens, Air Vented Housing
Light Source: -
Ballast/Driver: -

Summary

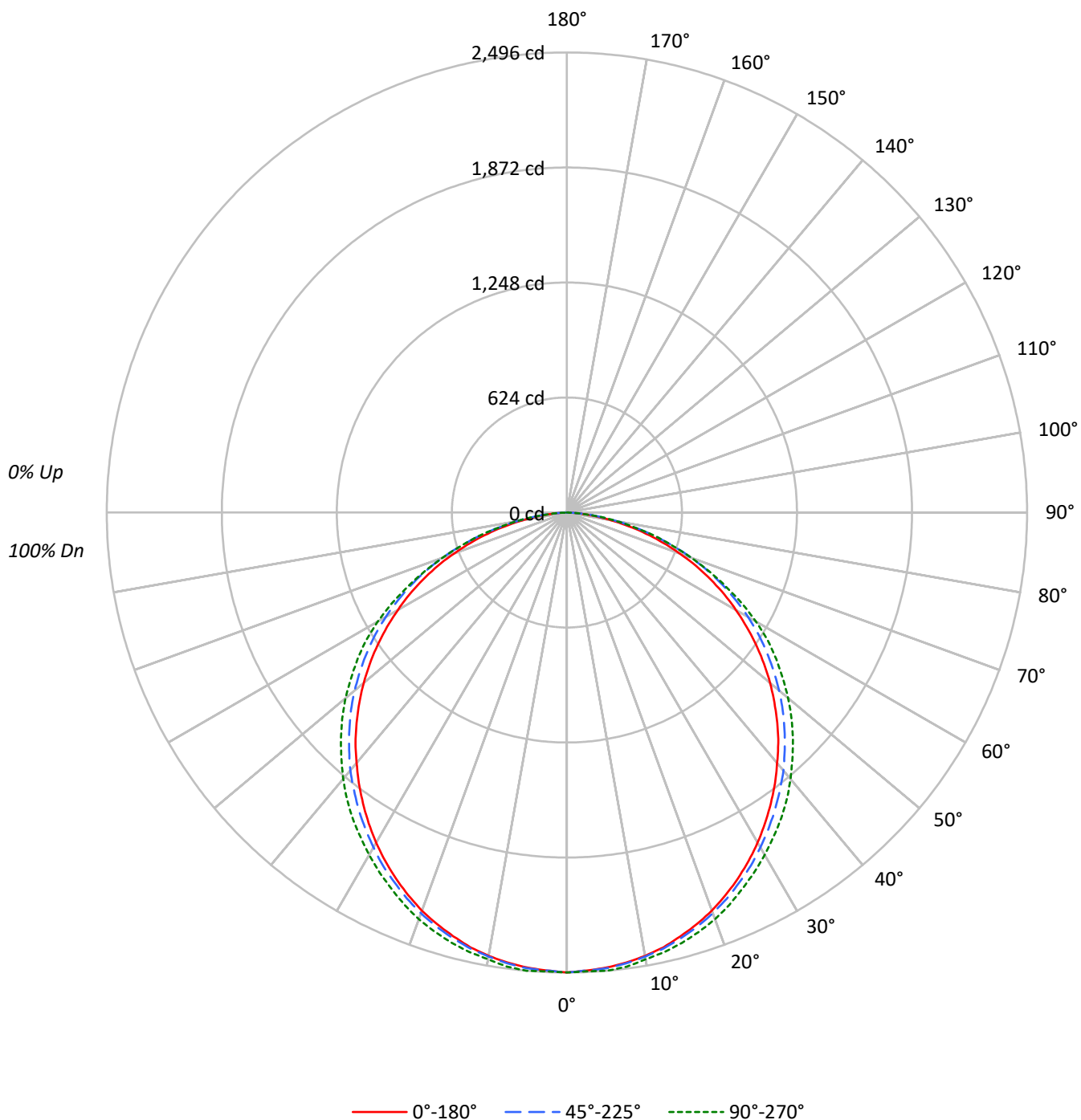
Lumens per Lamp: N/A
Luminaire Lumens: 7201.0 lumens
Efficiency: N/A
Efficacy: 125.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.28 / 1.38
Luminous Opening: Rectangular (W 0.83' x L: 3.83' x H: 0')
CIE Type: Direct

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			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	80	75		82	77	73		79	75	72	69
3	90	79	71	64	87	78	70	64	75	68	63		72	66	62		69	65	60	58
4	82	70	61	54	80	69	60	54	66	59	53		64	58	53		62	56	52	50
5	76	63	53	47	73	61	53	46	59	52	46		57	51	45		55	50	45	43
6	70	56	47	41	68	55	47	41	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	59	46	38	32	44	37	32		43	36	31		42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	29		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°	8409	8409	8409
5°	8384	8398	8441
10°	8356	8371	8422
15°	8304	8341	8430
20°	8245	8298	8421
25°	8152	8231	8374
30°	8049	8165	8348
35°	7930	8097	8334
40°	7804	8038	8301
45°	7691	7955	8261
50°	7543	7878	8214
55°	7362	7776	8139
60°	7136	7654	7985
65°	6859	7438	7591
70°	6436	7067	7067
75°	5780	6420	6448
80°	4764	5427	5427
85°	3302	3963	3468

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 8261 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	236.4	3.3
10°-20°	677.0	9.4
20°-30°	1024.7	14.2
30°-40°	1237.0	17.2
40°-50°	1292.4	17.9
50°-60°	1183.9	16.4
60°-70°	912.8	12.7
70°-80°	515.0	7.2
80°-90°	121.9	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°	1938.1	26.9
0°-40°	3175.1	44.1
0°-60°	5651.4	78.5
0°-90°	7201.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7201.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2496	2496	2496	2496	2496	
5°	2479	2496	2483	2487	2496	235
15°	2380	2395	2391	2410	2417	672
25°	2192	2212	2214	2244	2252	1010
35°	1928	1953	1968	2011	2026	1206
45°	1614	1642	1669	1719	1734	1244
55°	1253	1285	1324	1373	1386	1120
65°	860	888	933	965	952	850
75°	444	478	493	506	495	471
85°	85	96	102	109	90	108
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2495.6	2495.6	2495.6	2495.6	2495.6
2.5°	2487.1	2504.2	2487.1	2495.6	2491.4
5°	2478.6	2495.6	2482.8	2487.1	2495.6
7.5°	2463.6	2480.7	2467.9	2474.3	2485.0
10°	2442.3	2459.3	2446.5	2457.2	2461.5
12.5°	2416.6	2431.6	2423.0	2435.9	2442.3
15°	2380.4	2395.3	2391.0	2410.2	2416.6
17.5°	2341.9	2359.0	2354.7	2378.2	2384.6
20°	2299.2	2314.2	2314.2	2335.5	2348.3
22.5°	2248.0	2265.1	2267.2	2290.7	2303.5
25°	2192.5	2211.7	2213.8	2243.7	2252.3
27.5°	2132.7	2151.9	2160.5	2192.5	2201.0
30°	2068.7	2087.9	2098.6	2134.8	2145.5
32.5°	2000.4	2023.8	2034.5	2075.1	2085.7
35°	1927.8	1953.4	1968.3	2011.0	2026.0
37.5°	1853.0	1878.7	1897.9	1942.7	1959.8
40°	1774.1	1801.8	1827.4	1872.3	1887.2
42.5°	1697.2	1725.0	1748.4	1795.4	1810.3
45°	1613.9	1641.7	1669.4	1718.6	1733.5
47.5°	1526.4	1556.3	1588.3	1633.2	1652.4
50°	1438.9	1468.8	1502.9	1549.9	1567.0
52.5°	1347.1	1379.1	1413.3	1462.4	1475.2
55°	1253.2	1285.2	1323.6	1372.7	1385.5
57.5°	1157.1	1191.2	1231.8	1278.8	1291.6
60°	1058.9	1093.0	1135.7	1180.6	1184.8
62.5°	962.8	992.7	1035.4	1078.1	1071.7
65°	860.3	888.1	932.9	965.0	952.1
67.5°	757.9	787.8	828.3	851.8	834.7
70°	653.3	685.3	717.3	734.4	717.3
72.5°	548.7	582.8	606.3	617.0	602.0
75°	444.0	478.2	493.1	506.0	495.3
77.5°	343.7	375.7	382.1	397.1	382.1
80°	245.5	275.4	279.7	294.6	279.7
82.5°	158.0	177.2	185.7	198.5	183.6
85°	85.4	96.1	102.5	108.9	89.7
87.5°	29.9	34.2	29.9	25.6	10.7
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	19.48	21.07	21.39	19.65	21.30	20.02	21.62	21.93
	3H	20.90	22.39	21.27	22.72	23.08	21.46	22.95	21.84	23.28	23.64
	4H	21.54	22.94	21.94	23.29	23.67	22.11	23.51	22.51	23.86	24.24
	6H	21.96	23.27	22.37	23.63	24.02	22.55	23.85	22.96	24.21	24.61
	8H	22.07	23.32	22.49	23.70	24.10	22.67	23.92	23.09	24.30	24.70
	12H	22.12	23.32	22.55	23.70	24.13	22.73	23.92	23.16	24.30	24.73
4H	2H	19.84	21.24	20.23	21.59	21.97	20.26	21.67	20.66	22.02	22.39
	3H	21.84	23.02	22.25	23.42	23.82	22.30	23.48	22.71	23.88	24.28
	4H	22.61	23.68	23.04	24.09	24.53	23.08	24.15	23.51	24.56	24.99
	6H	23.16	24.09	23.61	24.53	24.98	23.65	24.58	24.10	25.02	25.47
	8H	23.30	24.17	23.76	24.62	25.08	23.81	24.69	24.27	25.13	25.59
	12H	23.39	24.17	23.87	24.65	25.11	23.90	24.69	24.38	25.16	25.63
8H	4H	22.95	23.83	23.41	24.27	24.73	23.37	24.24	23.83	24.68	25.15
	6H	23.61	24.34	24.11	24.83	25.30	24.05	24.77	24.54	25.26	25.74
	8H	23.82	24.47	24.33	24.98	25.46	24.28	24.93	24.79	25.44	25.92
	12H	23.96	24.53	24.46	25.02	25.58	24.43	25.01	24.94	25.50	26.06
12H	4H	22.99	23.78	23.47	24.25	24.72	23.39	24.18	23.87	24.65	25.12
	6H	23.67	24.32	24.18	24.83	25.31	24.09	24.74	24.60	25.25	25.73
	8H	23.93	24.50	24.43	24.99	25.55	24.37	24.95	24.88	25.44	26.00