

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: P1585907

Luminaire Tested: 14CZSP-SB-75-L940

Issue Date: 9/3/2026

Test Information

Test Method: LM-79-2019
Report Number: P1585907
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-L940
Description: 1x4 CZSP LED Luminaire, 4000K CCT and 7200 lumens, 90CRI, Ribbed Lens, SB housing
Light Source: -
Ballast/Driver: -

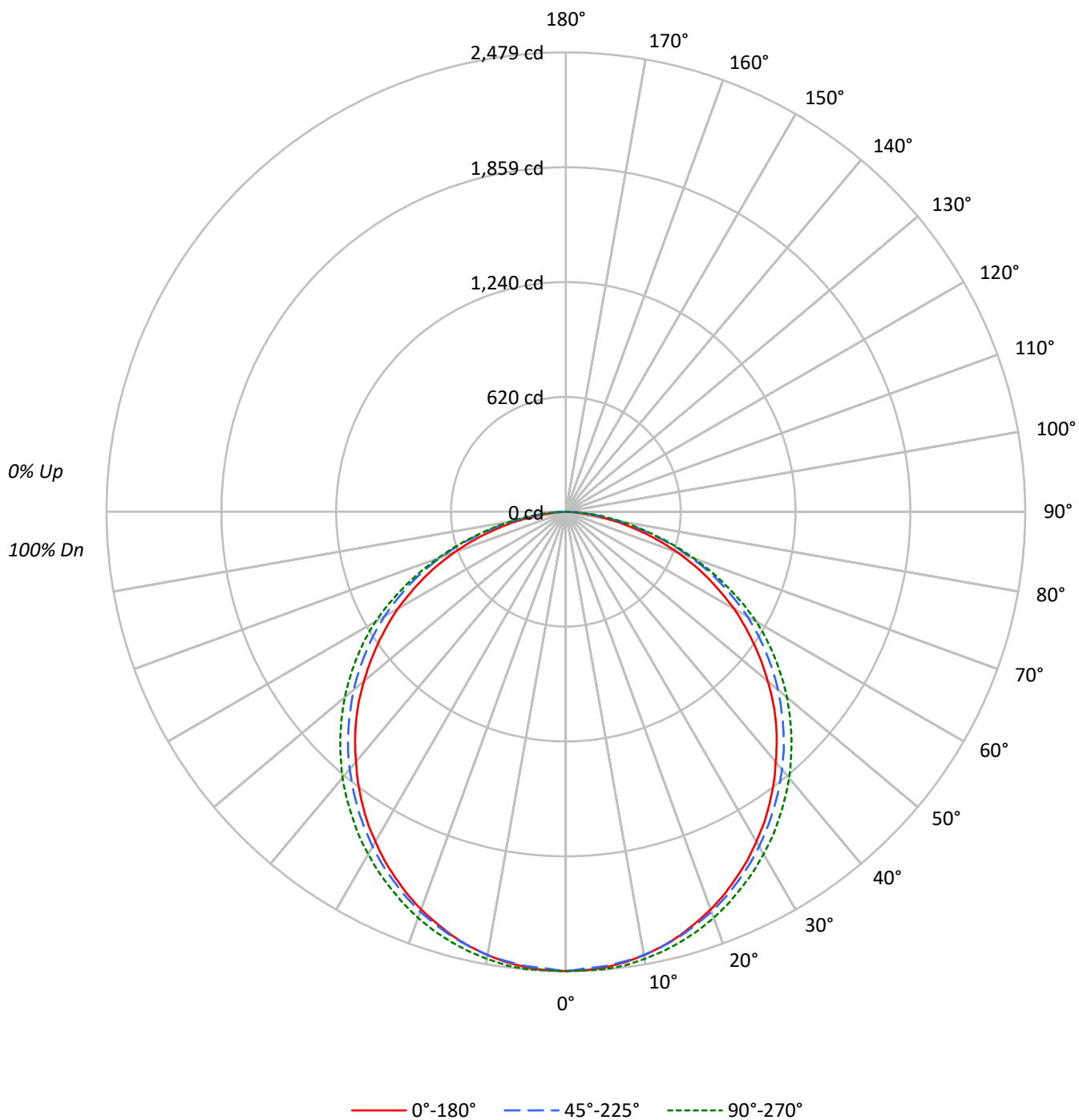
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7161.0 lumens
Efficiency: N/A
Efficacy: 125.2 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			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°	8352	8352	8352
5°	8346	8325	8381
10°	8315	8308	8382
15°	8262	8280	8377
20°	8189	8237	8363
25°	8100	8176	8330
30°	7999	8115	8300
35°	7888	8049	8270
40°	7750	7981	8249
45°	7639	7909	8204
50°	7457	7835	8165
55°	7266	7732	8102
60°	7069	7619	7994
65°	6752	7418	7690
70°	6300	7084	7256
75°	5614	6420	6607
80°	4583	5565	5845
85°	3031	4427	4748

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 8204 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	234.8	3.3
10°-20°	672.5	9.4
20°-30°	1018.1	14.2
30°-40°	1229.0	17.2
40°-50°	1283.4	17.9
50°-60°	1174.1	16.4
60°-70°	907.6	12.7
70°-80°	513.9	7.2
80°-90°	127.7	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°	1925.4	26.9
0°-40°	3154.3	44.0
0°-60°	5611.8	78.4
0°-90°	7161.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7161.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2479	2479	2479	2479	2479	
5°	2467	2485	2461	2463	2478	234
15°	2368	2389	2374	2385	2401	668
25°	2179	2206	2199	2220	2240	1004
35°	1918	1944	1957	1990	2010	1199
45°	1603	1634	1660	1702	1722	1235
55°	1237	1274	1316	1358	1379	1106
65°	847	882	930	958	964	836
75°	431	468	493	505	508	457
85°	78	91	114	120	123	101
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2478.7	2478.7	2478.7	2478.7	2478.7
2.5°	2475.6	2493.2	2466.3	2471.5	2476.7
5°	2467.4	2484.9	2461.2	2463.3	2477.7
7.5°	2451.9	2471.5	2446.7	2450.9	2468.4
10°	2430.2	2449.8	2428.2	2432.3	2449.8
12.5°	2402.4	2422.0	2403.4	2409.6	2429.2
15°	2368.4	2389.0	2373.5	2384.9	2401.4
17.5°	2327.1	2352.9	2336.4	2353.9	2370.4
20°	2283.8	2309.6	2297.2	2312.7	2332.3
22.5°	2234.3	2260.0	2250.8	2267.3	2288.9
25°	2178.6	2206.4	2199.2	2219.8	2240.4
27.5°	2120.8	2147.6	2145.5	2168.2	2189.9
30°	2055.8	2084.7	2085.7	2112.5	2133.2
32.5°	1990.8	2016.6	2022.8	2052.7	2076.4
35°	1917.6	1944.4	1956.8	1989.8	2010.4
37.5°	1843.3	1873.2	1886.6	1922.7	1944.4
40°	1761.8	1795.9	1814.4	1852.6	1875.3
42.5°	1684.5	1715.4	1740.2	1778.3	1799.0
45°	1603.0	1633.9	1659.7	1702.0	1721.6
47.5°	1515.3	1549.3	1577.2	1618.4	1640.1
50°	1422.5	1459.6	1494.7	1534.9	1557.6
52.5°	1330.7	1366.8	1407.0	1446.2	1468.9
55°	1236.8	1273.9	1316.2	1357.5	1379.1
57.5°	1141.9	1179.0	1225.4	1262.6	1285.3
60°	1049.0	1083.1	1130.5	1167.7	1186.2
62.5°	943.8	983.0	1031.5	1068.6	1079.0
65°	846.9	881.9	930.4	958.3	964.5
67.5°	743.7	778.8	827.3	842.7	852.0
70°	639.5	676.7	719.0	729.3	736.5
72.5°	534.3	572.5	605.5	615.8	622.0
75°	431.2	468.3	493.1	505.4	507.5
77.5°	331.1	365.2	387.8	402.3	402.3
80°	236.2	262.0	286.8	302.2	301.2
82.5°	150.6	170.2	196.0	207.3	214.6
85°	78.4	90.8	114.5	119.7	122.8
87.5°	24.8	32.0	41.3	34.0	33.0
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	19.05	20.70	19.42	21.02	21.33	19.60	21.25	19.96	21.56	21.87
	3H	20.83	22.32	21.20	22.65	23.01	21.46	22.95	21.83	23.28	23.64
	4H	21.45	22.86	21.85	23.21	23.58	22.13	23.54	22.53	23.88	24.26
	6H	21.86	23.16	22.27	23.53	23.92	22.61	23.92	23.02	24.28	24.67
	8H	21.96	23.20	22.38	23.59	23.99	22.77	24.02	23.19	24.41	24.80
	12H	22.00	23.20	22.43	23.58	24.01	22.87	24.06	23.30	24.44	24.87
4H	2H	19.79	21.20	20.19	21.55	21.92	20.21	21.62	20.61	21.97	22.35
	3H	21.79	22.97	22.19	23.36	23.76	22.29	23.48	22.70	23.87	24.27
	4H	22.53	23.60	22.97	24.02	24.45	23.09	24.16	23.53	24.58	25.01
	6H	23.05	23.99	23.51	24.43	24.88	23.71	24.64	24.16	25.08	25.54
	8H	23.19	24.06	23.65	24.51	24.97	23.91	24.79	24.37	25.23	25.69
	12H	23.27	24.05	23.75	24.53	25.00	24.05	24.84	24.53	25.31	25.78
8H	4H	22.89	23.76	23.35	24.21	24.67	23.38	24.26	23.84	24.70	25.17
	6H	23.52	24.25	24.02	24.74	25.21	24.12	24.84	24.61	25.33	25.81
	8H	23.72	24.37	24.23	24.87	25.36	24.39	25.04	24.90	25.55	26.03
	12H	23.84	24.42	24.35	24.91	25.47	24.60	25.17	25.10	25.66	26.22
12H	4H	22.93	23.72	23.41	24.19	24.66	23.41	24.20	23.89	24.67	25.14
	6H	23.59	24.24	24.10	24.75	25.23	24.16	24.81	24.67	25.32	25.80
	8H	23.84	24.41	24.34	24.90	25.46	24.49	25.06	24.99	25.55	26.11