

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: P1585903

Luminaire Tested: 14CZSP-SB-75-L930

Issue Date: 9/3/2026

Test Information

Test Method: LM-79-2019
Report Number: P1585903
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-L930
Description: 1x4 CZSP LED Luminaire, 3000K CCT and 7200 lumens, 90CRI, Ribbed Lens, SB housing
Light Source: -
Ballast/Driver: -

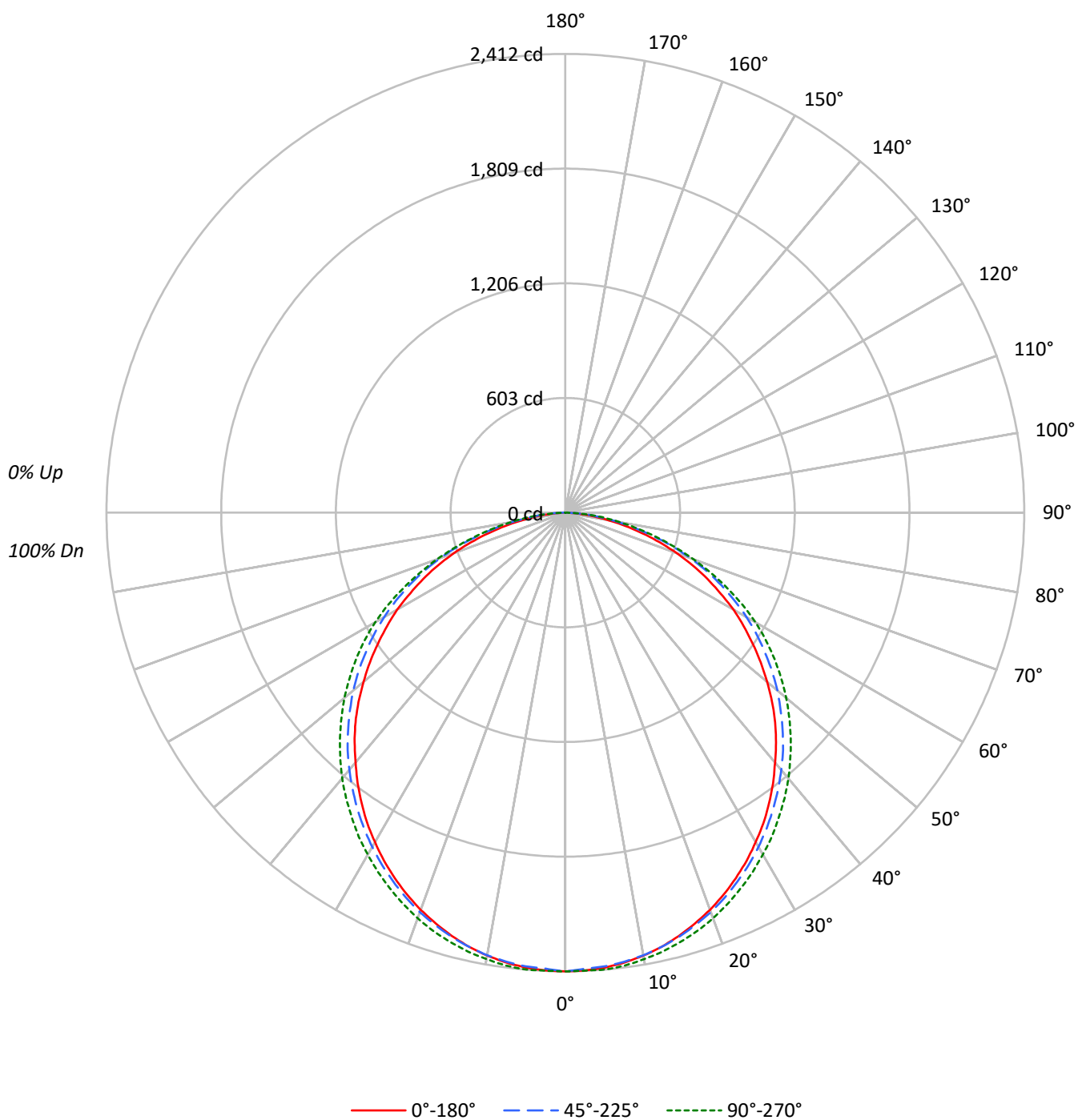
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6969.0 lumens
Efficiency: N/A
Efficacy: 121.8 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: P1585903
CATALOG NUMBER: 14CZSP-SB-75-L930

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°	8128	8128	8128
5°	8122	8102	8156
10°	8092	8085	8158
15°	8041	8058	8152
20°	7970	8016	8139
25°	7882	7957	8107
30°	7784	7898	8077
35°	7677	7833	8048
40°	7542	7767	8028
45°	7434	7697	7984
50°	7257	7625	7946
55°	7071	7525	7885
60°	6880	7414	7780
65°	6571	7220	7484
70°	6132	6893	7062
75°	5463	6247	6430
80°	4461	5416	5687
85°	2950	4307	4620

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 7984 cd/sqm

TEST NUMBER: P1585903

CATALOG NUMBER: 14CZSP-SB-75-L930

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	228.5	3.3
10°-20°	654.5	9.4
20°-30°	990.8	14.2
30°-40°	1196.0	17.2
40°-50°	1249.0	17.9
50°-60°	1142.6	16.4
60°-70°	883.3	12.7
70°-80°	500.1	7.2
80°-90°	124.2	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°	1873.8	26.9
0°-40°	3069.8	44.0
0°-60°	5461.4	78.4
0°-90°	6969.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6969.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2412	2412	2412	2412	2412	
5°	2401	2418	2395	2397	2411	228
15°	2305	2325	2310	2321	2337	650
25°	2120	2147	2140	2160	2180	977
35°	1866	1892	1904	1936	1956	1167
45°	1560	1590	1615	1656	1675	1201
55°	1204	1240	1281	1321	1342	1076
65°	824	858	906	933	939	813
75°	420	456	480	492	494	445
85°	76	88	111	116	120	98
90°	0	0	0	0	0	

TEST NUMBER: P1585903

CATALOG NUMBER: 14CZSP-SB-75-L930

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2412.3	2412.3	2412.3	2412.3	2412.3
2.5°	2409.3	2426.3	2400.2	2405.2	2410.3
5°	2401.2	2418.3	2395.2	2397.2	2411.3
7.5°	2386.2	2405.2	2381.1	2385.2	2402.2
10°	2365.1	2384.2	2363.1	2367.1	2384.2
12.5°	2338.0	2357.1	2339.0	2345.0	2364.1
15°	2304.9	2324.9	2309.9	2320.9	2337.0
17.5°	2264.7	2289.8	2273.7	2290.8	2306.9
20°	2222.5	2247.6	2235.6	2250.6	2269.7
22.5°	2174.4	2199.4	2190.4	2206.5	2227.6
25°	2120.1	2147.2	2140.2	2160.3	2180.4
27.5°	2063.9	2090.0	2088.0	2110.1	2131.2
30°	2000.7	2028.8	2029.8	2055.9	2076.0
32.5°	1937.4	1962.5	1968.6	1997.7	2020.8
35°	1866.2	1892.3	1904.3	1936.4	1956.5
37.5°	1793.9	1823.0	1836.1	1871.2	1892.3
40°	1714.6	1747.7	1765.8	1802.9	1825.0
42.5°	1639.3	1669.4	1693.5	1730.6	1750.7
45°	1560.0	1590.1	1615.2	1656.4	1675.4
47.5°	1474.7	1507.8	1534.9	1575.0	1596.1
50°	1384.3	1420.5	1454.6	1493.7	1515.8
52.5°	1295.0	1330.1	1369.3	1407.4	1429.5
55°	1203.6	1239.8	1280.9	1321.1	1342.2
57.5°	1111.3	1147.4	1192.6	1228.7	1250.8
60°	1020.9	1054.0	1100.2	1136.4	1154.4
62.5°	918.5	956.7	1003.9	1040.0	1050.0
65°	824.2	858.3	905.5	932.6	938.6
67.5°	723.8	757.9	805.1	820.2	829.2
70°	622.4	658.5	699.7	709.7	716.8
72.5°	520.0	557.1	589.3	599.3	605.3
75°	419.6	455.8	479.8	491.9	493.9
77.5°	322.2	355.4	377.4	391.5	391.5
80°	229.9	255.0	279.1	294.1	293.1
82.5°	146.6	165.6	190.7	201.8	208.8
85°	76.3	88.3	111.4	116.4	119.5
87.5°	24.1	31.1	40.2	33.1	32.1
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	18.96	20.61	19.32	20.92	21.24	19.50	21.15	19.87	21.47	21.78
	3H	20.73	22.23	21.11	22.55	22.91	21.36	22.86	21.74	23.18	23.54
	4H	21.36	22.76	21.75	23.11	23.49	22.03	23.44	22.43	23.79	24.16
	6H	21.76	23.07	22.17	23.43	23.82	22.52	23.82	22.93	24.19	24.58
	8H	21.86	23.11	22.29	23.50	23.90	22.67	23.92	23.10	24.31	24.71
	12H	21.91	23.11	22.34	23.49	23.92	22.77	23.97	23.20	24.35	24.78
4H	2H	19.70	21.11	20.10	21.45	21.83	20.12	21.53	20.52	21.88	22.25
	3H	21.69	22.87	22.10	23.27	23.67	22.20	23.38	22.61	23.78	24.18
	4H	22.44	23.51	22.87	23.92	24.36	23.00	24.07	23.43	24.48	24.92
	6H	22.96	23.89	23.41	24.33	24.79	23.61	24.55	24.07	24.99	25.44
	8H	23.10	23.97	23.55	24.41	24.88	23.82	24.69	24.28	25.13	25.60
	12H	23.17	23.96	23.65	24.43	24.90	23.96	24.74	24.44	25.22	25.69
8H	4H	22.80	23.67	23.25	24.11	24.58	23.29	24.16	23.75	24.61	25.07
	6H	23.43	24.16	23.92	24.64	25.12	24.02	24.75	24.51	25.24	25.71
	8H	23.62	24.27	24.13	24.78	25.27	24.30	24.95	24.80	25.45	25.94
	12H	23.75	24.32	24.25	24.81	25.37	24.50	25.08	25.01	25.57	26.13
12H	4H	22.84	23.62	23.32	24.10	24.57	23.31	24.10	23.79	24.58	25.04
	6H	23.49	24.15	24.00	24.65	25.14	24.06	24.72	24.57	25.22	25.71
	8H	23.74	24.32	24.25	24.81	25.37	24.39	24.97	24.90	25.46	26.02