

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: P1585902

Luminaire Tested: 14CZSP-SB-75-L930-S

Issue Date: 9/3/2026

Test Information

Test Method: LM-79-2019
Report Number: P1585902
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-L930-S
Description: 1x4 CZSP LED Luminaire, 3000K CCT and 7200 lumens, 90CRI, Smooth Lens, SB housing
Light Source: -
Ballast/Driver: -

Summary

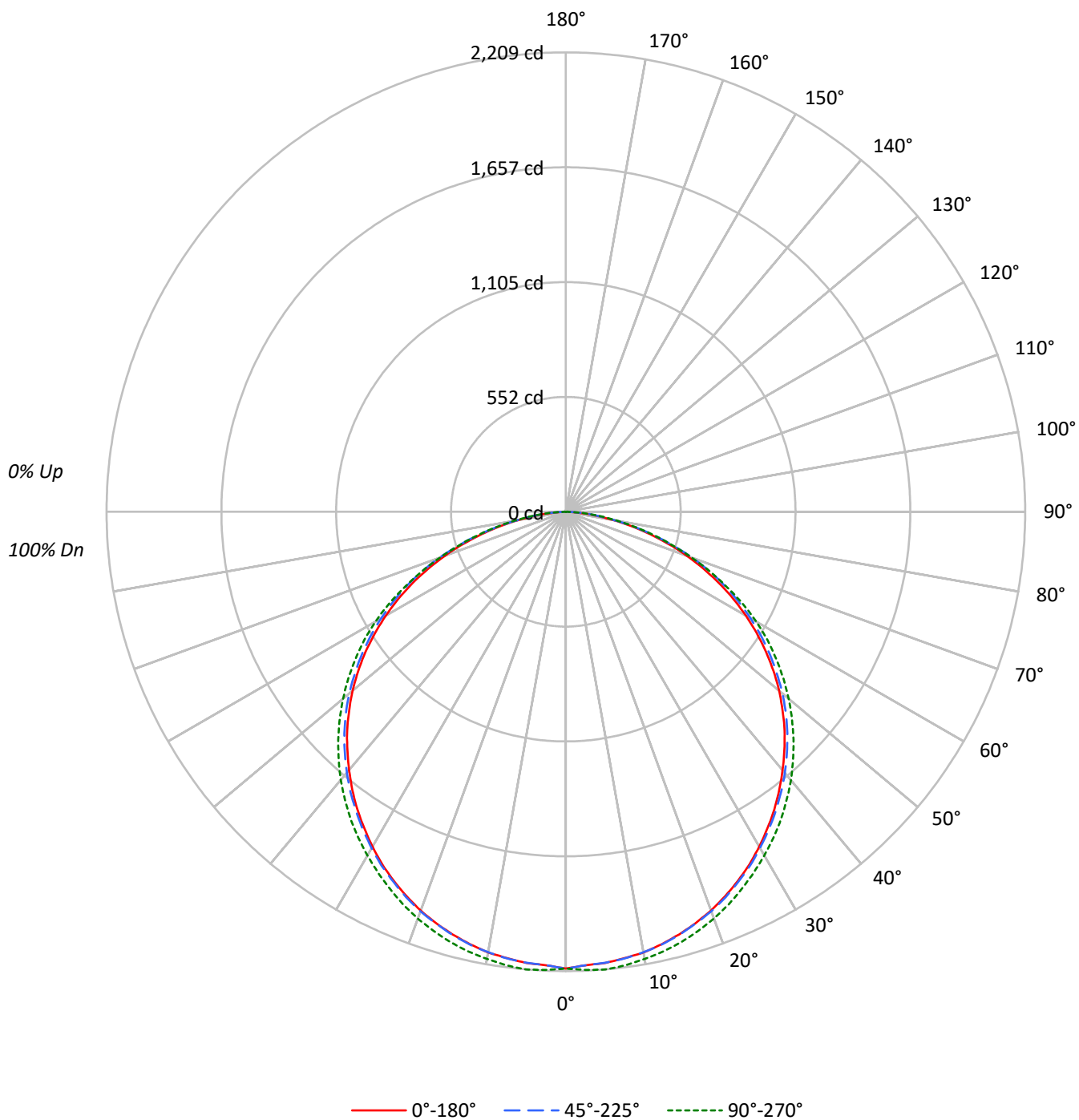
Lumens per Lamp: N/A
Luminaire Lumens: 6482.0 lumens
Efficiency: N/A
Efficacy: 113.3 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.29 / 1.39
Luminous Opening: Rectangular (W 0.83' x L: 3.83' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	7401	7401	7401
5°	7366	7363	7473
10°	7363	7359	7471
15°	7340	7347	7475
20°	7318	7332	7464
25°	7281	7299	7440
30°	7237	7268	7426
35°	7190	7235	7423
40°	7134	7208	7409
45°	7090	7180	7379
50°	7019	7128	7331
55°	6910	7038	7259
60°	6743	6916	7131
65°	6489	6735	6806
70°	6102	6385	6347
75°	5478	5711	5751
80°	4525	4758	5008
85°	3031	3530	3723

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 7379 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	208.2	3.2
10°-20°	598.4	9.2
20°-30°	911.3	14.1
30°-40°	1109.0	17.1
40°-50°	1169.1	18.0
50°-60°	1076.8	16.6
60°-70°	831.7	12.8
70°-80°	465.4	7.2
80°-90°	112.2	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°	1717.8	26.5
0°-40°	2826.8	43.6
0°-60°	5072.8	78.3
0°-90°	6482.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6482.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2196	2196	2196	2196	2196	
5°	2178	2208	2177	2180	2209	207
15°	2104	2133	2106	2118	2143	594
25°	1958	1986	1963	1976	2001	903
35°	1748	1774	1759	1781	1804	1093
45°	1488	1509	1507	1530	1548	1146
55°	1176	1196	1198	1223	1236	1050
65°	814	838	845	853	854	804
75°	421	447	439	438	442	446
85°	78	86	91	102	96	101
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2196.5	2196.5	2196.5	2196.5	2196.5
2.5°	2182.6	2214.4	2182.6	2187.6	2205.4
5°	2177.7	2208.4	2176.7	2179.6	2209.4
7.5°	2164.8	2196.5	2166.7	2170.7	2199.5
10°	2151.8	2180.6	2150.9	2155.8	2183.6
12.5°	2130.0	2159.8	2132.0	2138.0	2165.7
15°	2104.2	2133.0	2106.2	2118.1	2142.9
17.5°	2074.4	2102.2	2076.4	2090.3	2114.1
20°	2040.7	2067.5	2044.7	2054.6	2081.4
22.5°	2001.0	2028.8	2006.9	2015.9	2044.7
25°	1958.3	1986.1	1963.3	1976.2	2001.0
27.5°	1911.7	1938.4	1918.6	1934.5	1956.3
30°	1860.0	1885.8	1868.0	1886.8	1908.7
32.5°	1804.5	1832.2	1814.4	1836.2	1858.1
35°	1747.9	1773.7	1758.8	1780.6	1804.5
37.5°	1686.3	1711.2	1700.2	1723.1	1744.9
40°	1621.8	1649.6	1638.7	1662.5	1684.4
42.5°	1555.3	1582.1	1573.2	1598.0	1616.9
45°	1487.8	1508.7	1506.7	1529.5	1548.4
47.5°	1413.4	1439.2	1435.2	1458.1	1474.9
50°	1338.9	1359.8	1359.8	1381.6	1398.5
52.5°	1258.6	1279.4	1279.4	1305.2	1319.1
55°	1176.2	1196.0	1198.0	1222.8	1235.7
57.5°	1088.8	1109.7	1113.6	1138.5	1150.4
60°	1000.5	1020.3	1026.3	1051.1	1058.1
62.5°	908.2	932.0	935.0	954.8	958.8
65°	813.9	837.7	844.7	852.6	853.6
67.5°	717.6	742.4	749.4	749.4	749.4
70°	619.4	642.2	648.1	644.2	644.2
72.5°	520.1	544.9	541.9	538.0	539.9
75°	420.8	446.6	438.7	437.7	441.7
77.5°	325.6	350.4	337.5	345.4	346.4
80°	233.2	252.1	245.2	257.1	258.1
82.5°	149.9	161.8	163.8	173.7	170.7
85°	78.4	86.4	91.3	102.2	96.3
87.5°	24.8	32.8	29.8	34.7	26.8
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	18.99	20.64	19.35	20.96	21.27	19.21	20.86	19.57	21.18	21.49
	3H	20.81	22.31	21.19	22.63	22.99	21.01	22.50	21.38	22.83	23.19
	4H	21.46	22.87	21.85	23.22	23.59	21.64	23.06	22.04	23.40	23.78
	6H	21.88	23.19	22.30	23.56	23.95	22.10	23.41	22.51	23.77	24.16
	8H	21.99	23.25	22.42	23.63	24.03	22.23	23.48	22.65	23.87	24.27
	12H	22.05	23.25	22.48	23.63	24.06	22.30	23.50	22.73	23.89	24.31
4H	2H	19.67	21.08	20.07	21.43	21.80	19.84	21.25	20.24	21.60	21.97
	3H	21.71	22.89	22.12	23.29	23.69	21.85	23.04	22.26	23.43	23.83
	4H	22.49	23.56	22.92	23.97	24.41	22.61	23.68	23.04	24.10	24.53
	6H	23.04	23.98	23.49	24.42	24.87	23.18	24.12	23.64	24.56	25.02
	8H	23.19	24.06	23.64	24.50	24.97	23.36	24.24	23.82	24.68	25.14
	12H	23.27	24.06	23.75	24.53	25.00	23.47	24.26	23.95	24.74	25.21
8H	4H	22.80	23.67	23.26	24.12	24.58	22.90	23.78	23.36	24.22	24.69
	6H	23.46	24.19	23.95	24.67	25.15	23.59	24.32	24.08	24.80	25.28
	8H	23.66	24.32	24.17	24.82	25.31	23.83	24.48	24.33	24.98	25.47
	12H	23.80	24.37	24.30	24.86	25.42	24.00	24.58	24.51	25.07	25.63
12H	4H	22.83	23.62	23.31	24.09	24.56	22.93	23.72	23.41	24.20	24.67
	6H	23.50	24.16	24.01	24.66	25.15	23.63	24.28	24.14	24.79	25.27
	8H	23.76	24.34	24.26	24.83	25.38	23.92	24.50	24.42	24.99	25.55

END OF REPORT