

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: P1585904

Luminaire Tested: 14CZSP-SB-75-L935-S

Issue Date: 9/3/2026

Test Information

Test Method: LM-79-2019
Report Number: P1585904
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-L935-S
Description: 1x4 CZSP LED Luminaire, 3500K CCT and 7200 lumens, 90CRI, Smooth Lens, SB housing
Light Source: -
Ballast/Driver: -

Summary

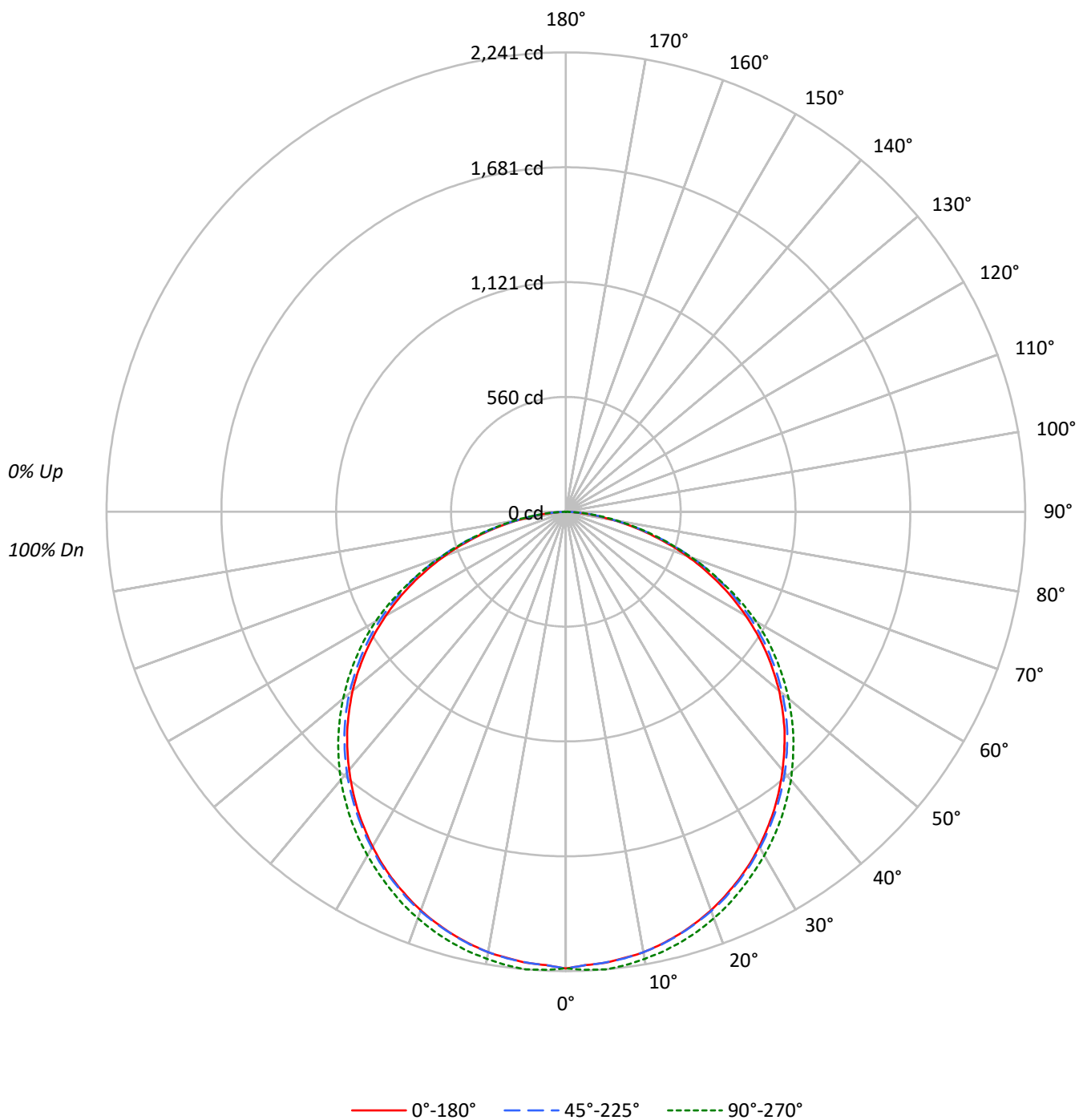
Lumens per Lamp: N/A
Luminaire Lumens: 6574.0 lumens
Efficiency: N/A
Efficacy: 114.9 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.29 / 1.39
Luminous Opening: Rectangular (W 0.83' x L: 3.83' x H: 0')
CIE Type: Direct

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°	7506	7506	7506
5°	7470	7467	7579
10°	7467	7464	7577
15°	7445	7452	7581
20°	7421	7436	7569
25°	7384	7403	7545
30°	7340	7371	7532
35°	7292	7338	7528
40°	7235	7311	7514
45°	7190	7282	7483
50°	7119	7229	7435
55°	7008	7138	7363
60°	6838	7015	7232
65°	6581	6830	6902
70°	6188	6476	6436
75°	5557	5792	5833
80°	4591	4824	5078
85°	3074	3580	3773

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 7483 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	211.1	3.2
10°-20°	606.9	9.2
20°-30°	924.2	14.1
30°-40°	1124.7	17.1
40°-50°	1185.7	18.0
50°-60°	1092.1	16.6
60°-70°	843.5	12.8
70°-80°	472.0	7.2
80°-90°	113.8	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°	1742.2	26.5
0°-40°	2867.0	43.6
0°-60°	5144.8	78.3
0°-90°	6574.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6574.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2228	2228	2228	2228	2228	
5°	2209	2240	2208	2211	2241	210
15°	2134	2163	2136	2148	2173	602
25°	1986	2014	1991	2004	2029	915
35°	1773	1799	1784	1806	1830	1109
45°	1509	1530	1528	1551	1570	1163
55°	1193	1213	1215	1240	1253	1065
65°	825	850	857	865	866	815
75°	427	453	445	444	448	453
85°	80	88	93	104	98	102
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2227.7	2227.7	2227.7	2227.7	2227.7
2.5°	2213.6	2245.8	2213.6	2218.6	2236.7
5°	2208.6	2239.8	2207.6	2210.6	2240.8
7.5°	2195.5	2227.7	2197.5	2201.5	2230.7
10°	2182.4	2211.6	2181.4	2186.4	2214.6
12.5°	2160.2	2190.4	2162.3	2168.3	2196.5
15°	2134.1	2163.3	2136.1	2148.2	2173.3
17.5°	2103.9	2132.1	2105.9	2120.0	2144.1
20°	2069.6	2096.8	2073.7	2083.7	2110.9
22.5°	2029.4	2057.6	2035.4	2044.5	2073.7
25°	1986.1	2014.3	1991.1	2004.2	2029.4
27.5°	1938.8	1966.0	1945.8	1961.9	1984.1
30°	1886.4	1912.6	1894.5	1913.6	1935.8
32.5°	1830.1	1858.3	1840.1	1862.3	1884.4
35°	1772.7	1798.9	1783.8	1805.9	1830.1
37.5°	1710.3	1735.4	1724.4	1747.5	1769.7
40°	1644.8	1673.0	1662.0	1686.1	1708.3
42.5°	1577.4	1604.6	1595.5	1620.7	1639.8
45°	1508.9	1530.1	1528.1	1551.2	1570.4
47.5°	1433.5	1459.6	1455.6	1478.7	1495.9
50°	1358.0	1379.1	1379.1	1401.2	1418.4
52.5°	1276.4	1297.6	1297.6	1323.7	1337.8
55°	1192.9	1213.0	1215.0	1240.2	1253.3
57.5°	1104.3	1125.4	1129.4	1154.6	1166.7
60°	1014.7	1034.8	1040.9	1066.0	1073.1
62.5°	921.1	945.2	948.3	968.4	972.4
65°	825.4	849.6	856.6	864.7	865.7
67.5°	727.8	753.0	760.0	760.0	760.0
70°	628.1	651.3	657.3	653.3	653.3
72.5°	527.5	552.6	549.6	545.6	547.6
75°	426.8	453.0	444.9	443.9	448.0
77.5°	330.2	355.3	342.3	350.3	351.3
80°	236.6	255.7	248.6	260.7	261.7
82.5°	152.0	164.1	166.1	176.2	173.1
85°	79.5	87.6	92.6	103.7	97.6
87.5°	25.2	33.2	30.2	35.2	27.2
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	19.04	20.69	19.40	21.01	21.32	19.25	20.91	19.62	21.22	21.54
	3H	20.86	22.36	21.24	22.68	23.04	21.05	22.55	21.43	22.88	23.24
	4H	21.51	22.92	21.90	23.27	23.64	21.69	23.10	22.09	23.45	23.83
	6H	21.93	23.24	22.34	23.61	24.00	22.15	23.46	22.56	23.82	24.21
	8H	22.04	23.29	22.47	23.68	24.08	22.28	23.53	22.70	23.92	24.32
	12H	22.10	23.30	22.53	23.68	24.11	22.35	23.55	22.78	23.93	24.36
4H	2H	19.72	21.13	20.12	21.48	21.85	19.89	21.30	20.28	21.65	22.02
	3H	21.76	22.94	22.17	23.34	23.74	21.90	23.09	22.31	23.48	23.88
	4H	22.54	23.61	22.97	24.02	24.46	22.66	23.73	23.09	24.14	24.58
	6H	23.09	24.03	23.54	24.47	24.92	23.23	24.17	23.69	24.61	25.07
	8H	23.23	24.11	23.69	24.55	25.02	23.41	24.28	23.87	24.73	25.19
	12H	23.32	24.11	23.80	24.58	25.05	23.52	24.31	24.00	24.78	25.25
8H	4H	22.85	23.72	23.31	24.16	24.63	22.95	23.83	23.41	24.27	24.74
	6H	23.50	24.23	24.00	24.72	25.20	23.64	24.36	24.13	24.85	25.33
	8H	23.71	24.36	24.22	24.87	25.35	23.87	24.53	24.38	25.03	25.52
	12H	23.85	24.42	24.35	24.91	25.47	24.05	24.63	24.56	25.12	25.68
12H	4H	22.88	23.67	23.36	24.14	24.61	22.98	23.77	23.46	24.25	24.71
	6H	23.55	24.21	24.06	24.71	25.20	23.68	24.33	24.18	24.84	25.32
	8H	23.81	24.38	24.31	24.87	25.43	23.97	24.54	24.47	25.03	25.59