

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: P1584803

Luminaire Tested: 14CZSP-A-75-L930

Issue Date: 9/3/2026

Test Information

Test Method: LM-79-2019
Report Number: P1584803
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-L930
Description: 1x4 CZSP LED Luminaire, 3000K CCT and 7200 lumens, 90CRI, Ribbed Lens, Air Vented Housing
Light Source: -
Ballast/Driver: -

Summary

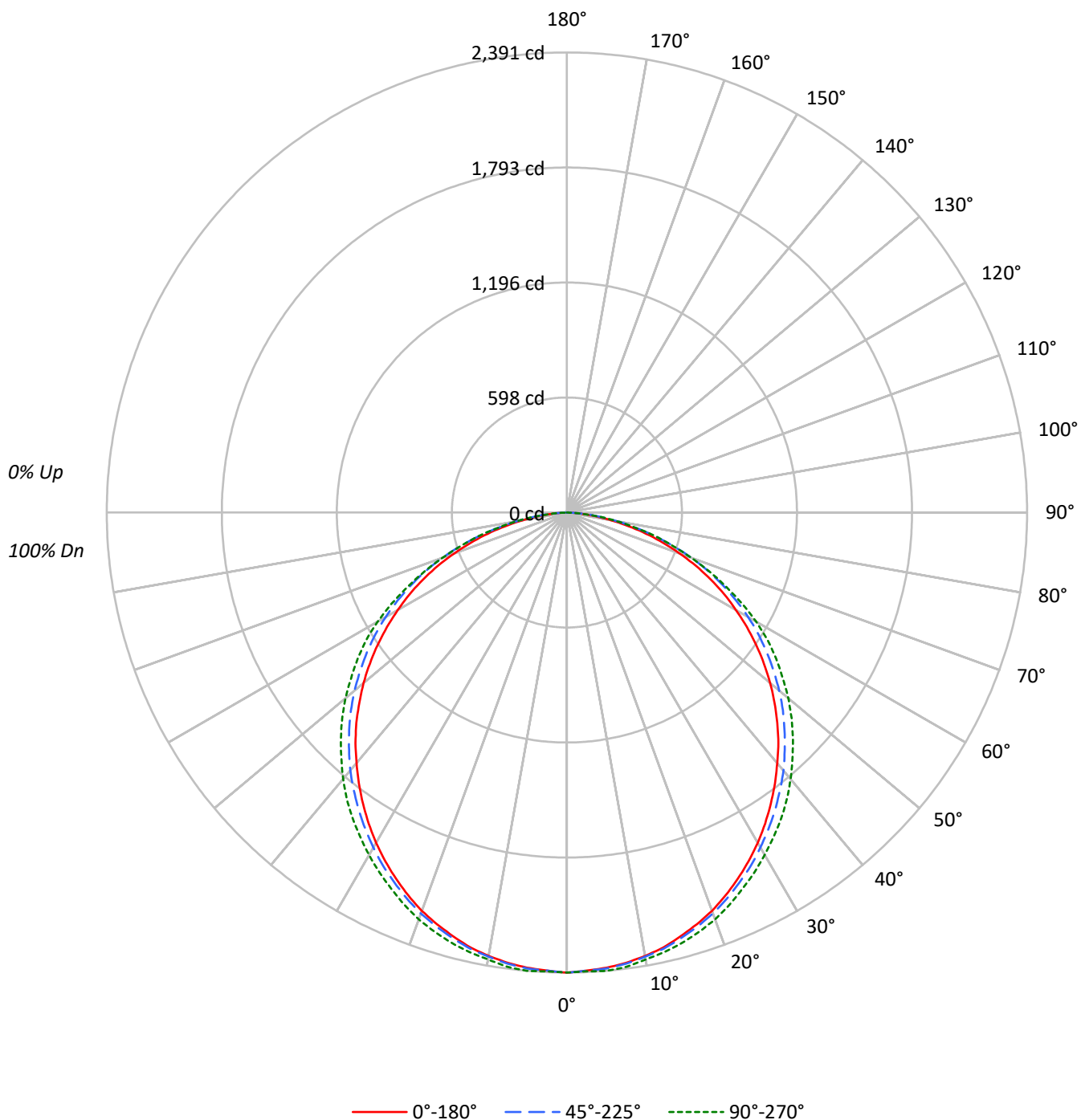
Lumens per Lamp: N/A
Luminaire Lumens: 6900.0 lumens
Efficiency: N/A
Efficacy: 120.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.28 / 1.38
Luminous Opening: Rectangular (W 0.83' x L: 3.83' x H: 0')
CIE Type: Direct

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: P1584803

CATALOG NUMBER: 14CZSP-A-75-L930

Luminous Intensity Polar Plot



TEST NUMBER: P1584803

CATALOG NUMBER: 14CZSP-A-75-L930

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°	8058	8058	8058
5°	8033	8047	8088
10°	8007	8021	8070
15°	7957	7992	8078
20°	7900	7951	8069
25°	7811	7887	8024
30°	7712	7824	7999
35°	7598	7758	7986
40°	7477	7702	7954
45°	7370	7623	7915
50°	7227	7549	7871
55°	7054	7451	7799
60°	6838	7334	7651
65°	6573	7127	7274
70°	6167	6771	6771
75°	5540	6152	6179
80°	4564	5200	5200
85°	3163	3797	3321

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 7915 cd/sqm

TEST NUMBER: P1584803

CATALOG NUMBER: 14CZSP-A-75-L930

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	226.5	3.3
10°-20°	648.7	9.4
20°-30°	981.8	14.2
30°-40°	1185.3	17.2
40°-50°	1238.3	17.9
50°-60°	1134.4	16.4
60°-70°	874.6	12.7
70°-80°	493.4	7.2
80°-90°	116.8	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°	1857.1	26.9
0°-40°	3042.4	44.1
0°-60°	5415.1	78.5
0°-90°	6900.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6900.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2391	2391	2391	2391	2391	
5°	2375	2391	2379	2383	2391	226
15°	2281	2295	2291	2310	2316	644
25°	2101	2119	2121	2150	2158	968
35°	1847	1872	1886	1927	1941	1156
45°	1546	1573	1600	1647	1661	1192
55°	1201	1232	1268	1315	1328	1073
65°	824	851	894	925	912	815
75°	426	458	472	485	475	451
85°	82	92	98	104	86	103
90°	0	0	0	0	0	

TEST NUMBER: P1584803

CATALOG NUMBER: 14CZSP-A-75-L930

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2391.3	2391.3	2391.3	2391.3	2391.3
2.5°	2383.1	2399.5	2383.1	2391.3	2387.2
5°	2375.0	2391.3	2379.0	2383.1	2391.3
7.5°	2360.6	2377.0	2364.7	2370.9	2381.1
10°	2340.2	2356.5	2344.3	2354.5	2358.6
12.5°	2315.6	2329.9	2321.8	2334.0	2340.2
15°	2280.9	2295.2	2291.1	2309.5	2315.6
17.5°	2244.0	2260.4	2256.3	2278.8	2284.9
20°	2203.1	2217.4	2217.4	2237.9	2250.2
22.5°	2154.0	2170.4	2172.4	2194.9	2207.2
25°	2100.8	2119.3	2121.3	2149.9	2158.1
27.5°	2043.6	2062.0	2070.2	2100.8	2109.0
30°	1982.2	2000.6	2010.8	2045.6	2055.8
32.5°	1916.7	1939.2	1949.5	1988.3	1998.6
35°	1847.2	1871.7	1886.1	1927.0	1941.3
37.5°	1775.6	1800.1	1818.5	1861.5	1877.9
40°	1699.9	1726.5	1751.0	1794.0	1808.3
42.5°	1626.3	1652.9	1675.4	1720.4	1734.7
45°	1546.5	1573.1	1599.7	1646.7	1661.0
47.5°	1462.6	1491.2	1521.9	1564.9	1583.3
50°	1378.7	1407.4	1440.1	1485.1	1501.5
52.5°	1290.8	1321.5	1354.2	1401.2	1413.5
55°	1200.8	1231.5	1268.3	1315.3	1327.6
57.5°	1108.7	1141.5	1180.3	1225.3	1237.6
60°	1014.6	1047.4	1088.3	1131.2	1135.3
62.5°	922.6	951.2	992.1	1033.0	1026.9
65°	824.4	851.0	893.9	924.6	912.3
67.5°	726.2	754.8	793.7	816.2	799.8
70°	626.0	656.6	687.3	703.7	687.3
72.5°	525.7	558.5	581.0	591.2	576.9
75°	425.5	458.2	472.5	484.8	474.6
77.5°	329.3	360.0	366.2	380.5	366.2
80°	235.2	263.9	268.0	282.3	268.0
82.5°	151.4	169.8	178.0	190.2	175.9
85°	81.8	92.1	98.2	104.3	85.9
87.5°	28.6	32.7	28.6	24.5	10.2
90°	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1584803

CATALOG NUMBER: 14CZSP-A-75-L930

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	19.33	20.93	21.24	19.51	21.16	19.87	21.47	21.78
	3H	20.75	22.24	21.13	22.57	22.93	21.31	22.81	21.69	23.13	23.49
	4H	21.39	22.80	21.79	23.14	23.52	21.96	23.37	22.36	23.71	24.09
	6H	21.81	23.12	22.22	23.48	23.87	22.40	23.70	22.81	24.07	24.46
	8H	21.92	23.17	22.35	23.56	23.95	22.52	23.77	22.94	24.16	24.55
	12H	21.98	23.17	22.41	23.55	23.98	22.58	23.77	23.01	24.15	24.58
4H	2H	19.69	21.10	20.09	21.44	21.82	20.11	21.52	20.51	21.87	22.24
	3H	21.70	22.88	22.10	23.27	23.67	22.15	23.33	22.56	23.73	24.13
	4H	22.46	23.53	22.89	23.94	24.38	22.93	24.00	23.36	24.41	24.85
	6H	23.01	23.94	23.46	24.38	24.84	23.50	24.43	23.95	24.87	25.33
	8H	23.15	24.03	23.61	24.47	24.93	23.66	24.54	24.12	24.98	25.44
	12H	23.24	24.02	23.72	24.50	24.97	23.76	24.54	24.23	25.02	25.48
8H	4H	22.81	23.68	23.27	24.12	24.59	23.22	24.09	23.68	24.53	25.00
	6H	23.47	24.19	23.96	24.68	25.15	23.90	24.63	24.39	25.11	25.59
	8H	23.67	24.32	24.18	24.83	25.31	24.13	24.78	24.64	25.29	25.77
	12H	23.81	24.38	24.31	24.87	25.43	24.28	24.86	24.79	25.35	25.91
12H	4H	22.84	23.63	23.32	24.10	24.57	23.24	24.03	23.72	24.50	24.97
	6H	23.52	24.17	24.03	24.68	25.16	23.94	24.59	24.45	25.10	25.58
	8H	23.78	24.35	24.28	24.84	25.40	24.23	24.80	24.73	25.29	25.85