

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: P1585645

Luminaire Tested: 14CZSP-SB-35-L935

Issue Date: 9/3/2026

Test Information

Test Method: LM-79-2019
Report Number: P1585645
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-35-L935
Description: 1x4 CZSP LED Luminaire, 3500K CCT and 3000 lumens, 90CRI, Ribbed Lens, SB housing
Light Source: -
Ballast/Driver: -

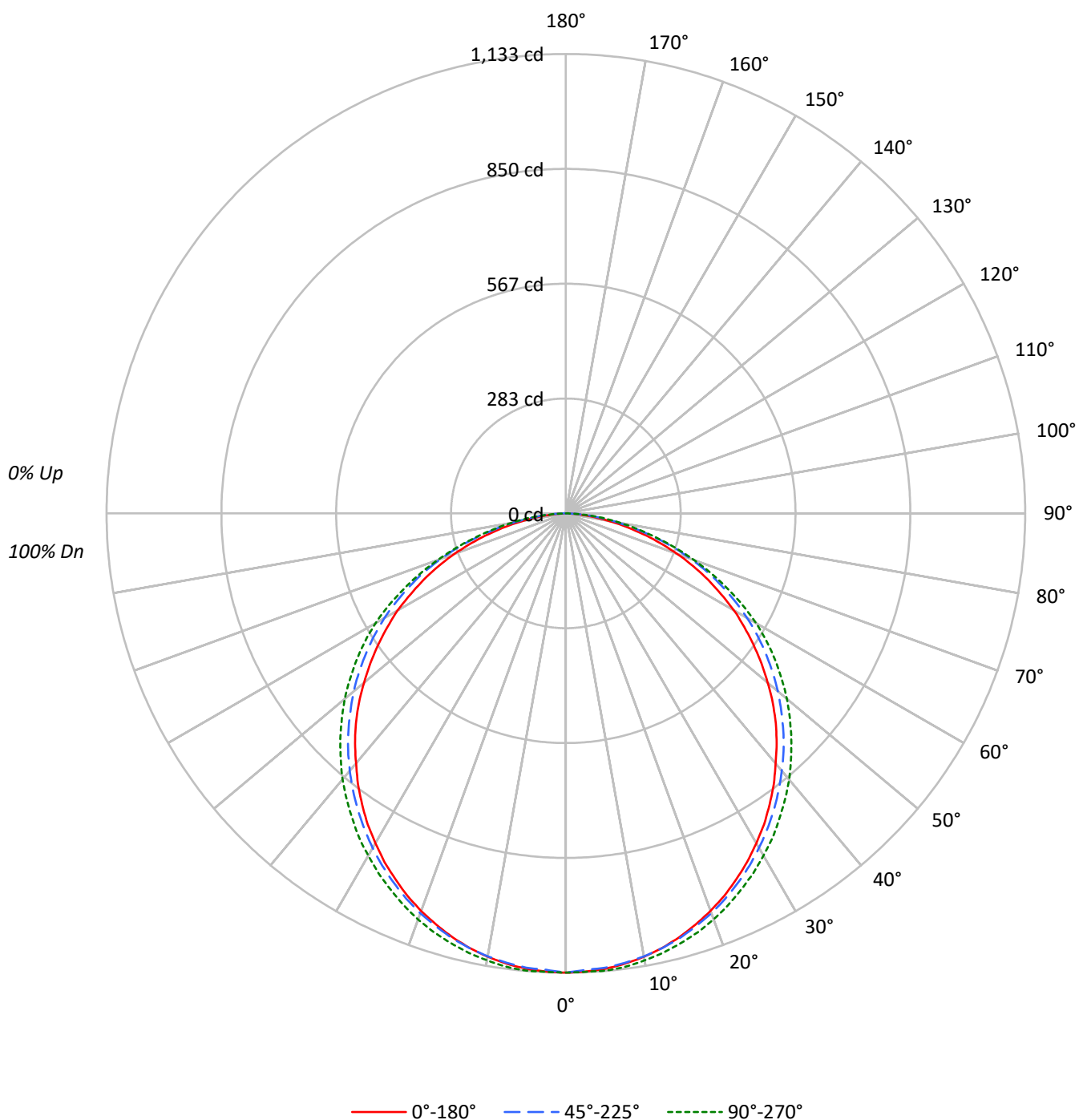
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3272.0 lumens
Efficiency: N/A
Efficacy: 141.0 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): 23.2
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°	3816	3816	3816
5°	3813	3804	3829
10°	3799	3796	3830
15°	3775	3783	3828
20°	3742	3764	3821
25°	3701	3736	3806
30°	3655	3708	3792
35°	3604	3678	3779
40°	3541	3646	3769
45°	3490	3614	3748
50°	3407	3580	3731
55°	3320	3533	3702
60°	3230	3481	3653
65°	3086	3389	3514
70°	2879	3236	3315
75°	2565	2933	3019
80°	2094	2542	2670
85°	1384	2022	2169

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 3748 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.3	3.3
10°-20°	307.3	9.4
20°-30°	465.2	14.2
30°-40°	561.5	17.2
40°-50°	586.4	17.9
50°-60°	536.5	16.4
60°-70°	414.7	12.7
70°-80°	234.8	7.2
80°-90°	58.3	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°	879.8	26.9
0°-40°	1441.3	44.0
0°-60°	2564.2	78.4
0°-90°	3272.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3272.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1133	1133	1133	1133	1133	
5°	1127	1135	1125	1126	1132	107
15°	1082	1092	1084	1090	1097	305
25°	995	1008	1005	1014	1024	459
35°	876	888	894	909	919	548
45°	732	747	758	778	787	564
55°	565	582	601	620	630	505
65°	387	403	425	438	441	382
75°	197	214	225	231	232	209
85°	36	42	52	55	56	46
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1132.6	1132.6	1132.6	1132.6	1132.6
2.5°	1131.2	1139.2	1126.9	1129.3	1131.6
5°	1127.4	1135.4	1124.6	1125.5	1132.1
7.5°	1120.3	1129.3	1118.0	1119.9	1127.9
10°	1110.4	1119.4	1109.5	1111.4	1119.4
12.5°	1097.7	1106.7	1098.2	1101.0	1110.0
15°	1082.1	1091.6	1084.5	1089.7	1097.2
17.5°	1063.3	1075.1	1067.5	1075.5	1083.1
20°	1043.5	1055.3	1049.6	1056.7	1065.7
22.5°	1020.9	1032.7	1028.4	1036.0	1045.9
25°	995.4	1008.1	1004.9	1014.3	1023.7
27.5°	969.0	981.3	980.3	990.7	1000.6
30°	939.3	952.5	953.0	965.3	974.7
32.5°	909.6	921.4	924.3	937.9	948.8
35°	876.2	888.4	894.1	909.2	918.6
37.5°	842.2	855.9	862.0	878.5	888.4
40°	805.0	820.6	829.0	846.5	856.9
42.5°	769.7	783.8	795.1	812.6	822.0
45°	732.4	746.6	758.4	777.7	786.6
47.5°	692.4	707.9	720.6	739.5	749.4
50°	649.9	666.9	682.9	701.3	711.7
52.5°	608.0	624.5	642.9	660.8	671.2
55°	565.1	582.1	601.4	620.3	630.2
57.5°	521.7	538.7	559.9	576.9	587.3
60°	479.3	494.9	516.6	533.5	542.0
62.5°	431.3	449.2	471.3	488.3	493.0
65°	387.0	403.0	425.1	437.9	440.7
67.5°	339.8	355.8	378.0	385.1	389.3
70°	292.2	309.2	328.5	333.2	336.5
72.5°	244.1	261.6	276.7	281.4	284.2
75°	197.0	214.0	225.3	230.9	231.9
77.5°	151.3	166.8	177.2	183.8	183.8
80°	107.9	119.7	131.0	138.1	137.6
82.5°	68.8	77.8	89.6	94.7	98.0
85°	35.8	41.5	52.3	54.7	56.1
87.5°	11.3	14.6	18.9	15.6	15.1
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	16.33	17.98	16.70	18.30	18.61	16.87	18.52	17.24	18.84	19.15
	3H	18.11	19.60	18.48	19.93	20.29	18.73	20.23	19.11	20.55	20.91
	4H	18.73	20.14	19.13	20.48	20.86	19.41	20.81	19.80	21.16	21.54
	6H	19.13	20.44	19.54	20.80	21.19	19.89	21.20	20.30	21.56	21.95
	8H	19.24	20.48	19.66	20.87	21.27	20.05	21.30	20.47	21.68	22.08
	12H	19.28	20.48	19.71	20.86	21.29	20.15	21.34	20.57	21.72	22.15
4H	2H	17.07	18.48	17.47	18.83	19.20	17.49	18.90	17.89	19.25	19.62
	3H	19.06	20.25	19.47	20.64	21.04	19.57	20.75	19.98	21.15	21.55
	4H	19.81	20.88	20.24	21.30	21.73	20.37	21.44	20.80	21.86	22.29
	6H	20.33	21.27	20.79	21.71	22.16	20.99	21.92	21.44	22.36	22.82
	8H	20.47	21.34	20.93	21.78	22.25	21.19	22.07	21.65	22.51	22.97
	12H	20.54	21.33	21.02	21.81	22.27	21.33	22.12	21.81	22.59	23.06
8H	4H	20.17	21.04	20.63	21.49	21.95	20.66	21.54	21.12	21.98	22.44
	6H	20.80	21.53	21.29	22.02	22.49	21.40	22.12	21.89	22.61	23.08
	8H	21.00	21.65	21.50	22.15	22.64	21.67	22.32	22.18	22.83	23.31
	12H	21.12	21.70	21.63	22.19	22.75	21.87	22.45	22.38	22.94	23.50
12H	4H	20.21	21.00	20.69	21.47	21.94	20.69	21.47	21.17	21.95	22.42
	6H	20.87	21.52	21.37	22.02	22.51	21.44	22.09	21.95	22.60	23.08
	8H	21.11	21.69	21.62	22.18	22.74	21.76	22.34	22.27	22.83	23.39