

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: IRiS

Report Number: P1285003

Luminaire Tested: P3AS13R35B2750DE010 E3PH1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285003
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R35B2750DE010 E3PH1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

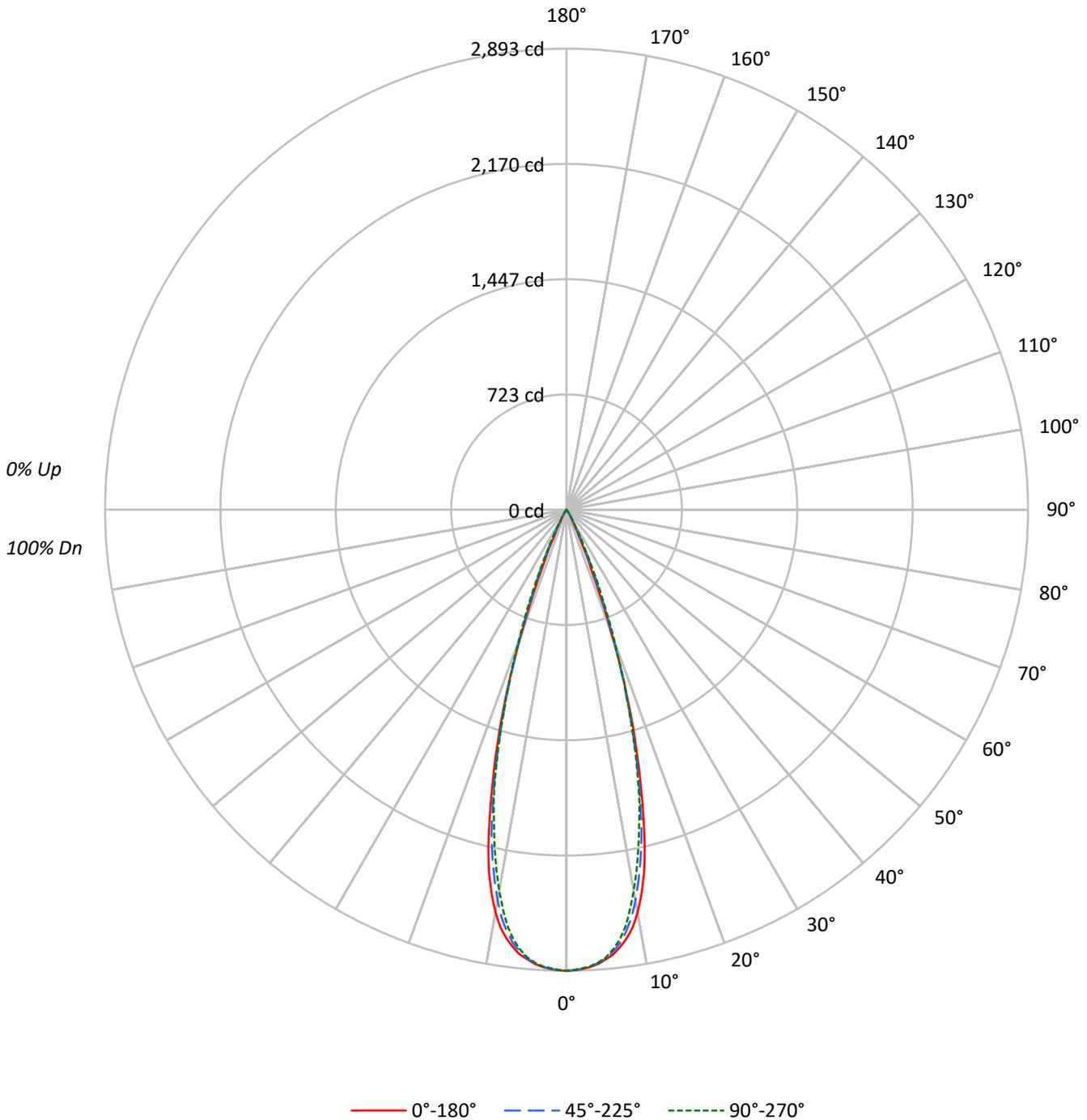
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 878.0 lumens
Efficiency: N/A
Efficacy: 46.0 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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										
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	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	100	100	97	97	97	100														
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	97	96	95	93	93	97														
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93	95	93	92	90	90	93														
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90	95	93	92	89	87	90														
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87	93	90	89	87	87	87														
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	90	88	86	85	85	85														
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	88	85	83	82	82	82														
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80	85	83	81	80	80	80														
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77	83	80	78	77	77	77														
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75	81	78	76	75	75	75														
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73	79	76	74	73	73	73														

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	634313	634313	634313
5°	623419	622098	620756
10°	571354	554187	540716
15°	409128	396075	391262
20°	189716	196250	203134
25°	45003	64044	66778
30°	13217	15116	17041
35°	3025	4872	4444
40°	658	1288	859
45°	248	248	248
50°	273	0	273
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 52.5°
 Luminance: 288 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	259.7	29.6
10°-20°	464.3	52.9
20°-30°	139.7	15.9
30°-40°	13.4	1.5
40°-50°	0.9	0.1
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	863.7	98.4
0°-40°	877.0	99.9
0°-60°	878.0	100.0
0°-90°	878.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	878.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2893	2893	2893	2893	2893	
5°	2832	2831	2826	2822	2820	263
15°	1802	1789	1745	1737	1724	476
25°	186	205	265	276	276	120
35°	11	15	18	20	17	10
45°	1	1	1	1	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2892.7	2892.7	2892.7	2892.7	2892.7
1°	2891.2	2891.2	2889.7	2889.7	2886.7
2°	2884.4	2885.1	2882.1	2881.4	2879.1
3°	2873.8	2871.5	2871.5	2870.0	2868.5
4°	2857.2	2852.6	2851.1	2851.9	2848.8
5°	2832.2	2831.4	2826.2	2822.4	2820.1
6°	2805.0	2799.7	2788.3	2778.5	2776.2
7°	2764.1	2752.8	2743.0	2722.5	2719.5
8°	2714.2	2696.1	2674.9	2646.2	2644.7
9°	2653.0	2623.5	2594.0	2555.4	2541.8
10°	2566.0	2538.8	2488.9	2454.8	2428.4
11°	2457.9	2423.8	2365.6	2324.8	2302.8
12°	2335.3	2303.6	2235.5	2198.5	2167.4
13°	2178.0	2151.6	2088.0	2047.2	2023.0
14°	1995.8	1976.1	1915.6	1897.5	1889.1
15°	1802.2	1788.6	1744.7	1737.1	1723.5
17.5°	1326.5	1303.8	1278.8	1283.4	1287.9
20°	813.0	844.7	841.0	857.6	870.5
22.5°	405.4	446.2	493.8	522.6	536.9
25°	186.0	204.9	264.7	276.0	276.0
27.5°	93.8	98.3	124.8	127.1	133.1
30°	52.2	56.0	59.7	66.6	67.3
32.5°	26.5	31.0	32.5	36.3	34.8
35°	11.3	15.1	18.2	19.7	16.6
37.5°	5.3	6.8	9.8	9.1	6.8
40°	2.3	3.0	4.5	3.8	3.0
42.5°	1.5	1.5	2.3	1.5	1.5
45°	0.8	0.8	0.8	0.8	0.8
47.5°	0.8	0.8	0.0	0.8	0.8
50°	0.8	0.0	0.0	0.0	0.8
52.5°	0.8	0.0	0.0	0.0	0.8
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)