

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: P1285006

Luminaire Tested: P3AS13R35B2750DE010 E3PH1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285006
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_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

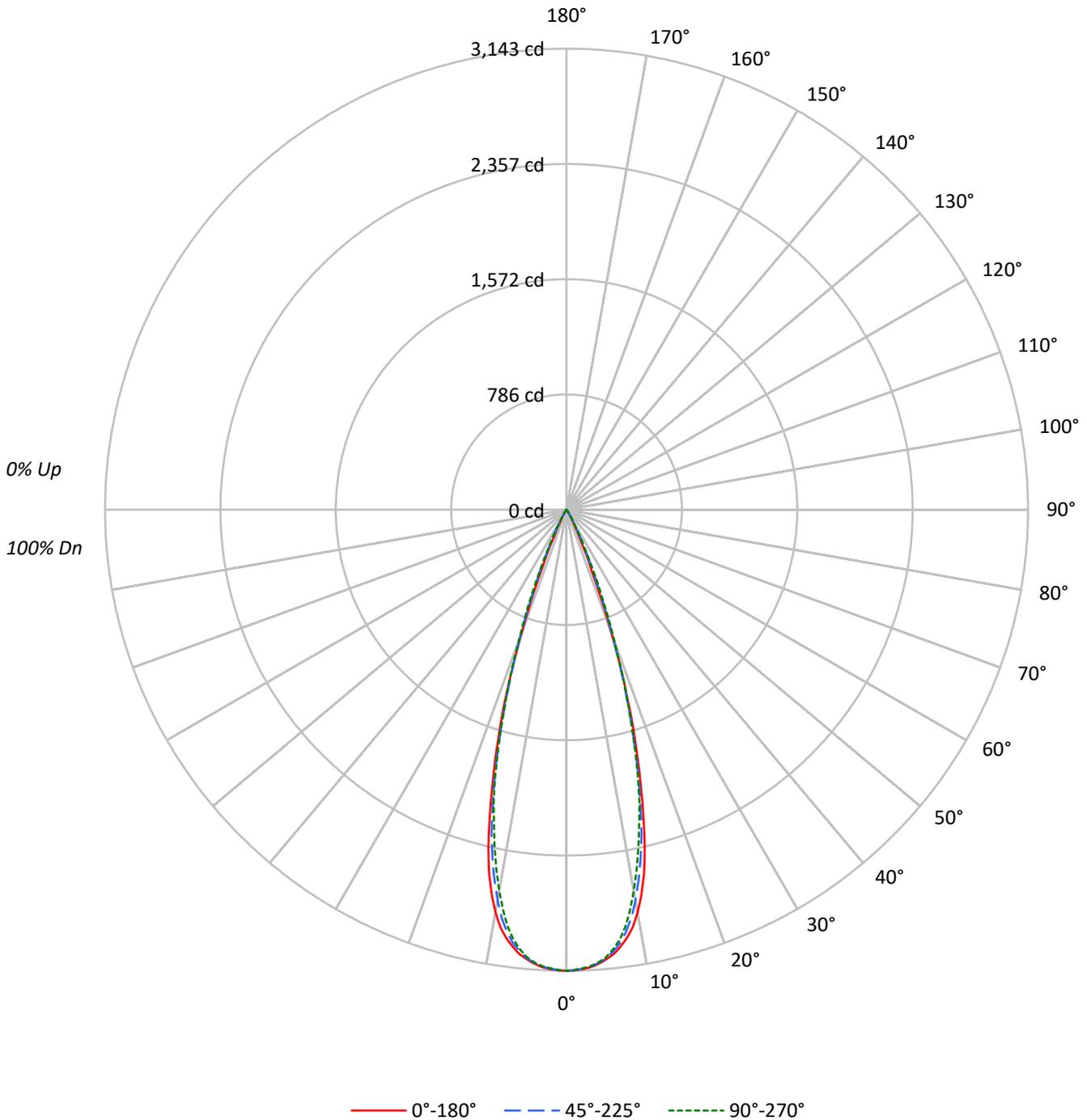
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 954.0 lumens
Efficiency: N/A
Efficacy: 49.9 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				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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	91	90	89
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87	86	85
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	81	80
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80	79	78
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77	76	75
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75	74	73
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	689221	689221	689221
5°	677392	675939	674486
10°	620808	602149	587520
15°	444543	430354	425133
20°	206145	213239	220706
25°	48898	69585	72561
30°	14357	16433	18509
35°	3293	5274	4845
40°	716	1403	945
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°	282.2	29.6
10°-20°	504.5	52.9
20°-30°	151.8	15.9
30°-40°	14.5	1.5
40°-50°	1.0	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°	938.4	98.4
0°-40°	952.9	99.9
0°-60°	954.0	100.0
0°-90°	954.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	954.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3143	3143	3143	3143	3143	
5°	3077	3076	3071	3067	3064	285
15°	1958	1943	1896	1888	1873	517
25°	202	223	288	300	300	130
35°	12	16	20	21	18	11
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°	3143.1	3143.1	3143.1	3143.1	3143.1
1°	3141.5	3141.5	3139.8	3139.8	3136.5
2°	3134.1	3134.9	3131.6	3130.8	3128.3
3°	3122.6	3120.1	3120.1	3118.4	3116.8
4°	3104.5	3099.5	3097.9	3098.7	3095.4
5°	3077.4	3076.5	3070.8	3066.7	3064.2
6°	3047.8	3042.0	3029.7	3019.0	3016.6
7°	3003.4	2991.1	2980.4	2958.2	2954.9
8°	2949.2	2929.5	2906.4	2875.2	2873.6
9°	2882.6	2850.6	2818.5	2776.6	2761.8
10°	2788.1	2758.5	2704.3	2667.3	2638.6
11°	2670.6	2633.6	2570.4	2526.0	2502.2
12°	2537.5	2503.0	2429.0	2388.8	2355.1
13°	2366.6	2337.8	2268.8	2224.4	2198.1
14°	2168.5	2147.2	2081.4	2061.7	2052.7
15°	1958.2	1943.4	1895.7	1887.5	1872.7
17.5°	1441.3	1416.7	1389.5	1394.5	1399.4
20°	883.4	917.9	913.8	931.8	945.8
22.5°	440.4	484.8	536.6	567.8	583.4
25°	202.1	222.7	287.6	299.9	299.9
27.5°	101.9	106.8	135.6	138.0	144.6
30°	56.7	60.8	64.9	72.3	73.1
32.5°	28.8	33.7	35.3	39.4	37.8
35°	12.3	16.4	19.7	21.4	18.1
37.5°	5.8	7.4	10.7	9.9	7.4
40°	2.5	3.3	4.9	4.1	3.3
42.5°	1.6	1.6	2.5	1.6	1.6
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)