

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: P1281563

Luminaire Tested: P3AS05R35B2750DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281563
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R35B2750DE010 E3PHLP1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

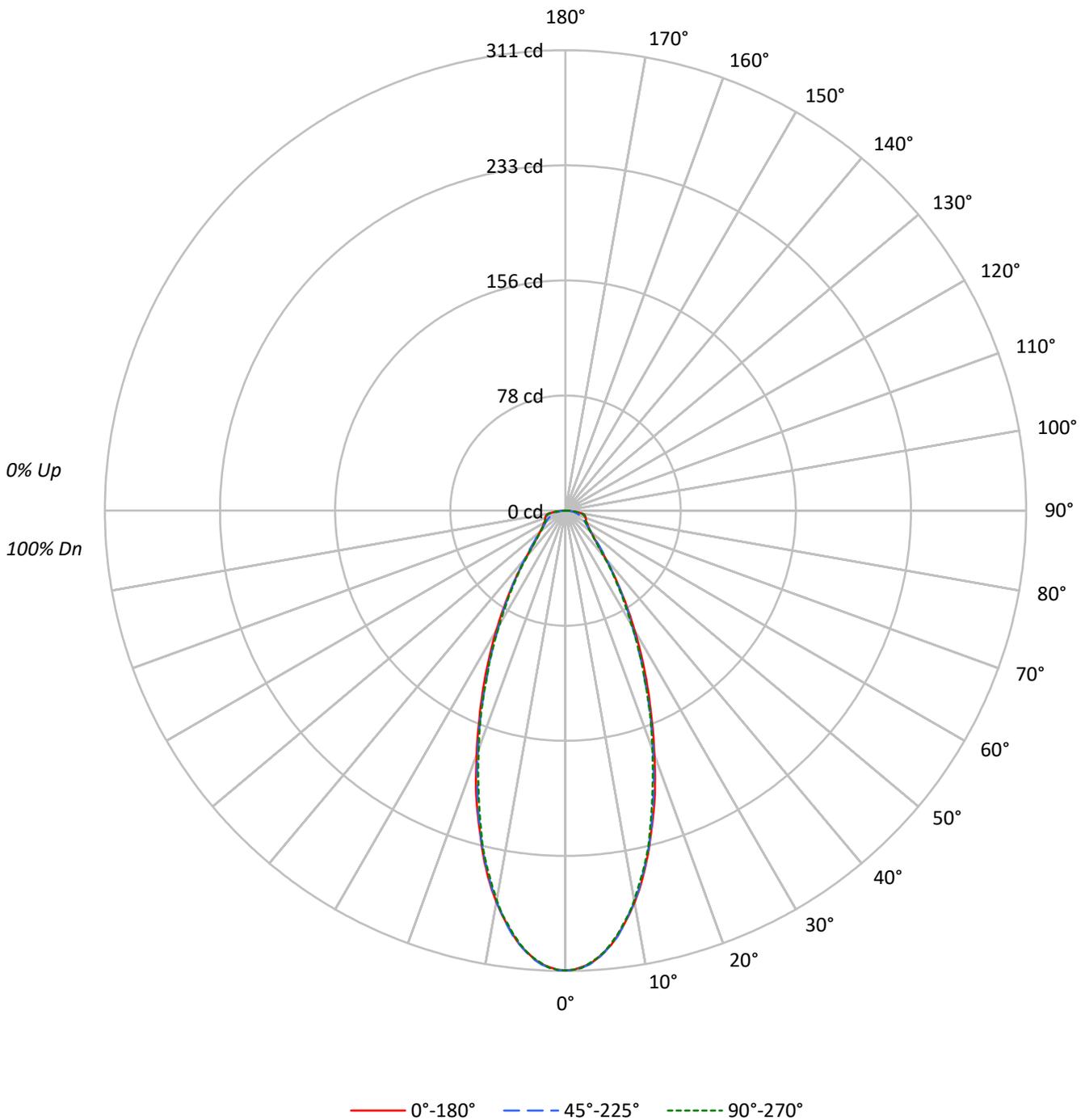
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 257.0 lumens
Efficiency: N/A
Efficacy: 43.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	91	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	65	62	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	57	57	57	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	54	54	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	50	50	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	47	47	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	44	44	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	68109	68109	68109
5°	65881	65969	65881
10°	59852	59763	59496
15°	50806	50625	50171
20°	40907	40347	39997
25°	31623	30679	30679
30°	23573	22788	22586
35°	16972	16758	16329
40°	11879	12194	11421
45°	8869	9334	8621
50°	7607	7607	7471
55°	7187	6881	7034
60°	7368	6710	7017
65°	7939	6693	7731
70°	9296	7052	9040
75°	11607	7286	11268
80°	14775	7956	13386
85°	11825	7799	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 14775 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.6	10.7
10°-20°	61.6	24.0
20°-30°	58.8	22.9
30°-40°	39.5	15.4
40°-50°	23.2	9.0
50°-60°	16.6	6.5
60°-70°	13.8	5.4
70°-80°	11.3	4.4
80°-90°	4.7	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°	148.0	57.6
0°-40°	187.5	72.9
0°-60°	227.2	88.4
0°-90°	257.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	257.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	311	311	311	311	311	
5°	299	300	300	299	299	28
15°	224	224	223	221	221	62
25°	131	129	127	127	127	60
35°	63	63	63	61	61	40
45°	29	29	30	29	28	23
55°	19	18	18	18	18	17
65°	15	14	13	14	15	15
75°	14	11	9	11	13	14
85°	5	5	3	5	5	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	310.6	310.6	310.6	310.6	310.6
1°	310.2	310.6	310.6	310.2	310.2
2°	308.7	309.4	309.1	308.7	309.1
3°	306.7	307.5	307.1	306.7	306.3
4°	303.6	304.4	304.0	303.2	303.2
5°	299.3	300.1	299.7	299.3	299.3
6°	295.0	295.8	295.0	294.2	294.2
7°	289.1	290.3	289.5	288.7	288.3
8°	282.5	283.6	282.8	282.5	281.7
9°	275.8	276.6	275.4	275.4	275.4
10°	268.8	269.2	268.4	267.2	267.2
11°	260.9	260.5	260.2	259.4	258.6
12°	252.3	252.3	251.2	250.4	250.0
13°	243.3	242.9	242.2	241.4	241.4
14°	233.9	233.9	233.2	231.6	232.0
15°	223.8	224.2	223.0	221.4	221.0
17.5°	200.7	199.9	198.0	196.8	195.6
20°	175.3	174.9	172.9	171.7	171.4
22.5°	151.8	151.4	149.4	148.3	149.1
25°	130.7	129.1	126.8	126.8	126.8
27.5°	111.1	109.1	107.6	106.8	107.6
30°	93.1	91.5	90.0	89.6	89.2
32.5°	77.1	76.3	75.5	74.3	74.3
35°	63.4	63.4	62.6	61.4	61.0
37.5°	51.6	52.0	51.6	50.5	50.1
40°	41.5	42.3	42.6	41.5	39.9
42.5°	34.0	35.2	36.0	34.0	32.9
45°	28.6	29.3	30.1	28.6	27.8
47.5°	25.0	25.4	25.8	24.6	24.3
50°	22.3	22.3	22.3	21.9	21.9
52.5°	20.3	20.3	20.0	19.6	19.6
55°	18.8	18.4	18.0	18.0	18.4
57.5°	17.6	17.2	16.4	16.8	17.2
60°	16.8	16.0	15.3	15.6	16.0
62.5°	15.6	14.9	14.1	14.5	15.3
65°	15.3	13.7	12.9	13.7	14.9
67.5°	14.9	12.9	11.7	12.9	14.5
70°	14.5	12.1	11.0	12.1	14.1
72.5°	14.1	11.3	9.8	11.3	13.7
75°	13.7	10.6	8.6	10.6	13.3
77.5°	12.9	9.8	7.4	9.8	12.1
80°	11.7	9.0	6.3	8.6	10.6
82.5°	8.6	7.4	5.1	7.4	7.8
85°	4.7	5.1	3.1	5.1	4.7
87.5°	0.4	0.8	0.8	2.3	1.6



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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)