

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: P1281557

Luminaire Tested: P3AS05R35B2750DE010 E3PHLD1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281557
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R35B2750DE010 E3PHLD1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

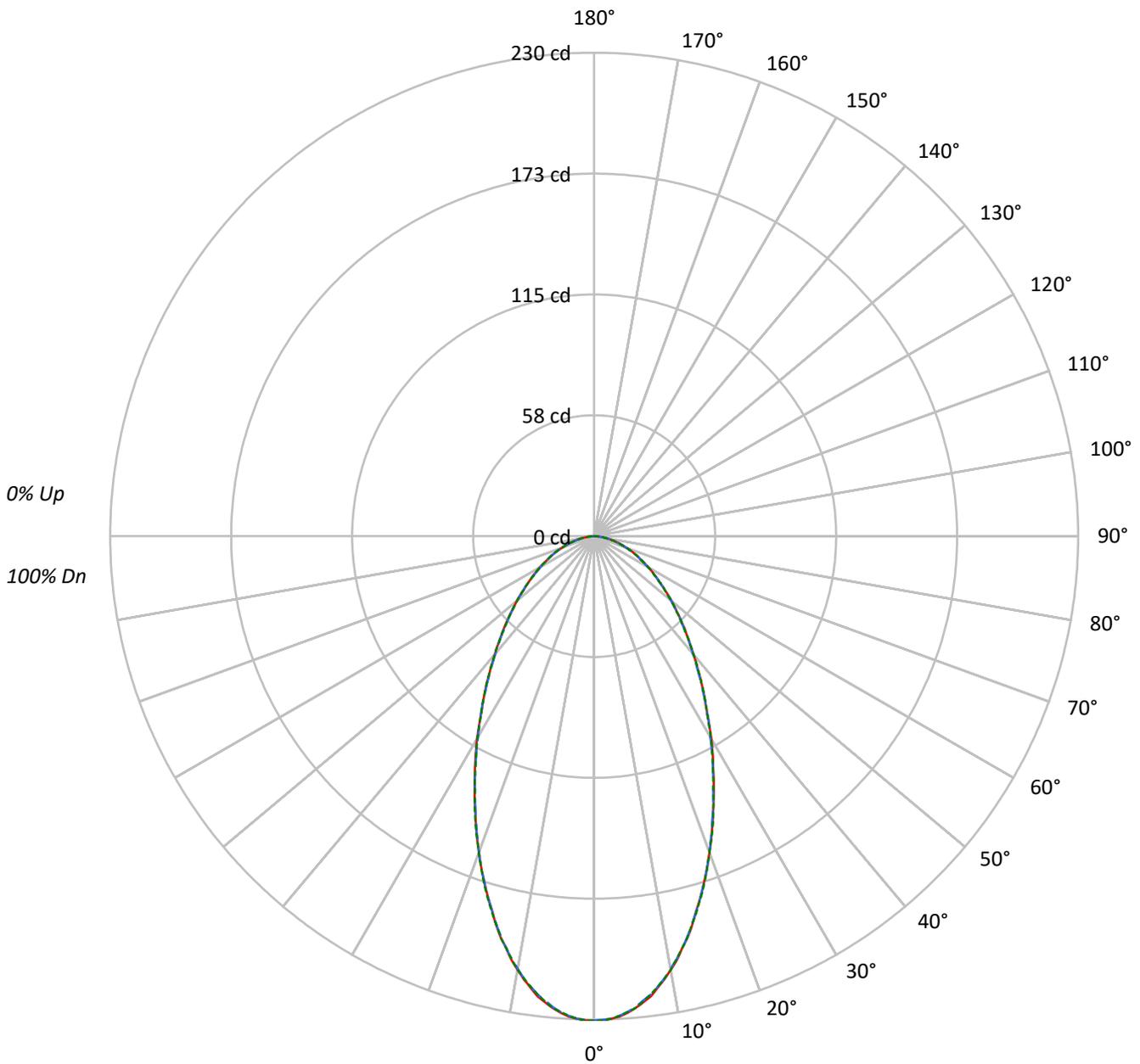
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 308.0 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
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



— 0°-180° - - 45°-225° - - - 90°-270°



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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	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	50544	50544	50544
5°	49615	49527	49615
10°	46648	46559	46648
15°	42225	42225	42316
20°	37383	37383	37383
25°	32518	32421	32421
30°	28182	27979	28080
35°	24253	24146	24253
40°	21039	20925	21039
45°	18483	18358	18358
50°	16409	16272	16272
55°	14451	14451	14451
60°	13069	12894	13069
65°	11778	11778	11778
70°	10450	10450	10450
75°	9404	9065	9404
80°	8082	8082	8082
85°	5032	5032	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18483 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.0	6.8
10°-20°	51.9	16.8
20°-30°	61.7	20.0
30°-40°	56.7	18.4
40°-50°	46.0	14.9
50°-60°	34.0	11.1
60°-70°	22.5	7.3
70°-80°	11.6	3.8
80°-90°	2.6	0.9
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°	134.5	43.7
0°-40°	191.2	62.1
0°-60°	271.2	88.1
0°-90°	308.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	308.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	230	230	230	230	230	
5°	225	225	225	225	225	21
15°	186	186	186	186	186	52
25°	134	134	134	134	134	62
35°	91	90	90	91	91	57
45°	60	59	59	59	59	46
55°	38	38	38	38	38	34
65°	23	23	23	23	23	23
75°	11	11	11	11	11	12
85°	2	2	2	2	2	3
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	230.5	230.5	230.5	230.5	230.5
1°	230.5	230.2	230.2	230.2	230.5
2°	229.8	229.8	229.8	229.8	229.8
3°	229.0	228.6	228.6	228.6	228.6
4°	227.4	227.0	227.0	227.0	227.0
5°	225.4	225.0	225.0	225.0	225.4
6°	223.0	222.6	222.2	222.2	222.6
7°	220.6	219.8	219.8	219.8	219.8
8°	217.0	216.6	216.6	216.6	216.6
9°	213.5	212.7	213.1	213.1	213.1
10°	209.5	209.1	209.1	209.1	209.5
11°	205.5	205.1	205.1	204.7	205.1
12°	200.7	200.7	200.7	200.7	200.7
13°	196.4	196.0	196.0	196.0	196.4
14°	191.6	191.2	191.2	191.2	191.2
15°	186.0	186.0	186.0	186.0	186.4
17.5°	173.3	172.9	173.3	173.3	173.7
20°	160.2	159.8	160.2	160.2	160.2
22.5°	147.1	147.1	146.7	147.1	147.5
25°	134.4	134.0	134.0	134.4	134.0
27.5°	122.4	122.0	122.0	122.0	122.0
30°	111.3	110.5	110.5	110.9	110.9
32.5°	99.8	99.8	100.2	99.8	99.8
35°	90.6	90.2	90.2	90.6	90.6
37.5°	81.5	81.1	81.1	81.5	81.5
40°	73.5	73.5	73.1	73.5	73.5
42.5°	66.0	66.0	66.0	66.0	66.0
45°	59.6	59.2	59.2	59.2	59.2
47.5°	53.3	53.3	53.3	52.9	53.3
50°	48.1	47.7	47.7	47.7	47.7
52.5°	42.5	42.5	42.5	42.5	42.5
55°	37.8	37.8	37.8	37.8	37.8
57.5°	33.8	33.4	33.4	33.4	33.4
60°	29.8	29.8	29.4	29.8	29.8
62.5°	25.8	25.8	25.8	25.8	25.8
65°	22.7	22.7	22.7	22.7	22.7
67.5°	19.5	19.5	19.5	19.5	19.5
70°	16.3	16.3	16.3	16.3	16.3
72.5°	13.9	13.5	13.5	13.5	13.5
75°	11.1	11.1	10.7	11.1	11.1
77.5°	8.3	8.3	8.3	8.3	8.3
80°	6.4	6.4	6.4	6.0	6.4
82.5°	4.0	4.0	4.0	4.0	4.0
85°	2.0	2.0	2.0	2.0	2.0
87.5°	0.4	0.4	0.4	0.8	0.8



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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)