

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: P1253524

Luminaire Tested: P3AS02R359035DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253524
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: P3AS02R359035DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

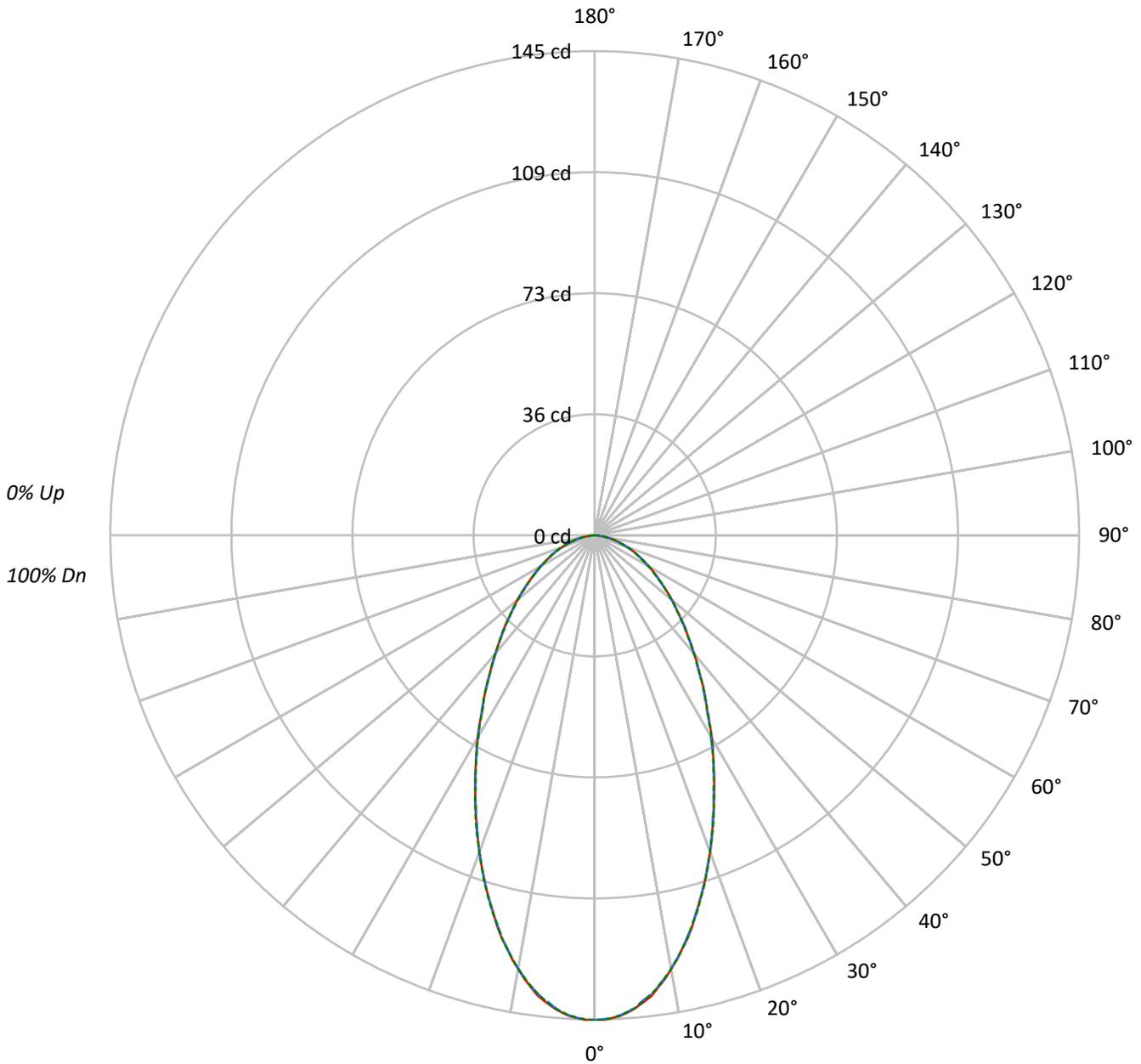
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 194.1 lumens
Efficiency: N/A
Efficacy: 53.9 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): 3.6
Input Voltage (V): NR
Input Current (A_{in}): 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	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	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	77	73	70	68
4	88	78	71	65	86	77	70	64	75	68	64	72	67	63	70	66	62	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	65	60	56	54
6	77	65	58	52	75	64	57	52	63	56	51	61	55	51	60	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	48	43	39	37
10	60	49	41	37	59	48	41	37	47	41	37	46	41	36	45	40	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	31840	31840	31840
5°	31257	31191	31257
10°	29369	29325	29369
15°	26606	26606	26652
20°	23545	23545	23545
25°	20469	20421	20421
30°	17750	17623	17699
35°	15285	15205	15285
40°	13253	13196	13253
45°	11660	11567	11567
50°	10337	10234	10234
55°	9099	9099	9099
60°	8245	8113	8245
65°	7420	7420	7420
70°	6604	6604	6604
75°	5931	5761	5931
80°	5051	5051	5051
85°	3271	3271	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11660 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.2	6.8
10°-20°	32.7	16.8
20°-30°	38.8	20.0
30°-40°	35.7	18.4
40°-50°	29.0	14.9
50°-60°	21.4	11.0
60°-70°	14.2	7.3
70°-80°	7.4	3.8
80°-90°	1.7	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°	84.7	43.7
0°-40°	120.4	62.1
0°-60°	170.8	88.0
0°-90°	194.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	194.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	145	145	145	145	145	
5°	142	142	142	142	142	13
15°	117	117	117	117	117	33
25°	85	84	84	85	84	39
35°	57	57	57	57	57	36
45°	38	37	37	37	37	29
55°	24	24	24	24	24	22
65°	14	14	14	14	14	14
75°	7	7	7	7	7	7
85°	1	1	1	1	1	2
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	145.2	145.2	145.2	145.2	145.2
1°	145.2	145.0	145.0	145.0	145.2
2°	144.7	144.7	144.7	144.7	144.7
3°	144.2	144.0	144.0	144.0	144.0
4°	143.2	143.0	143.0	143.0	143.0
5°	142.0	141.7	141.7	141.7	142.0
6°	140.5	140.2	140.0	140.0	140.2
7°	139.0	138.5	138.5	138.5	138.5
8°	136.7	136.5	136.5	136.5	136.5
9°	134.5	133.9	134.2	134.2	134.2
10°	131.9	131.7	131.7	131.7	131.9
11°	129.4	129.2	129.2	128.9	129.2
12°	126.4	126.4	126.4	126.4	126.4
13°	123.7	123.4	123.4	123.4	123.7
14°	120.7	120.4	120.4	120.4	120.4
15°	117.2	117.2	117.2	117.2	117.4
17.5°	109.2	108.9	109.2	109.2	109.4
20°	100.9	100.6	100.9	100.9	100.9
22.5°	92.6	92.6	92.4	92.6	92.9
25°	84.6	84.4	84.4	84.6	84.4
27.5°	77.1	76.9	76.9	76.9	76.9
30°	70.1	69.6	69.6	69.9	69.9
32.5°	62.8	62.8	63.1	62.8	62.8
35°	57.1	56.8	56.8	57.1	57.1
37.5°	51.3	51.1	51.1	51.3	51.3
40°	46.3	46.3	46.1	46.3	46.3
42.5°	41.6	41.6	41.6	41.6	41.6
45°	37.6	37.3	37.3	37.3	37.3
47.5°	33.5	33.5	33.5	33.3	33.5
50°	30.3	30.0	30.0	30.0	30.0
52.5°	26.8	26.8	26.8	26.8	26.8
55°	23.8	23.8	23.8	23.8	23.8
57.5°	21.3	21.0	21.0	21.0	21.0
60°	18.8	18.8	18.5	18.8	18.8
62.5°	16.3	16.3	16.3	16.3	16.3
65°	14.3	14.3	14.3	14.3	14.3
67.5°	12.3	12.3	12.3	12.3	12.3
70°	10.3	10.3	10.3	10.3	10.3
72.5°	8.8	8.5	8.5	8.5	8.5
75°	7.0	7.0	6.8	7.0	7.0
77.5°	5.3	5.3	5.3	5.3	5.3
80°	4.0	4.0	4.0	3.8	4.0
82.5°	2.5	2.5	2.5	2.5	2.5
85°	1.3	1.3	1.3	1.3	1.3
87.5°	0.3	0.3	0.3	0.5	0.5



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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)