

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: P1286141

Luminaire Tested: P3AS02R359030D2WDE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286141
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: P3AS02R359030D2WDE010 E3PHLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

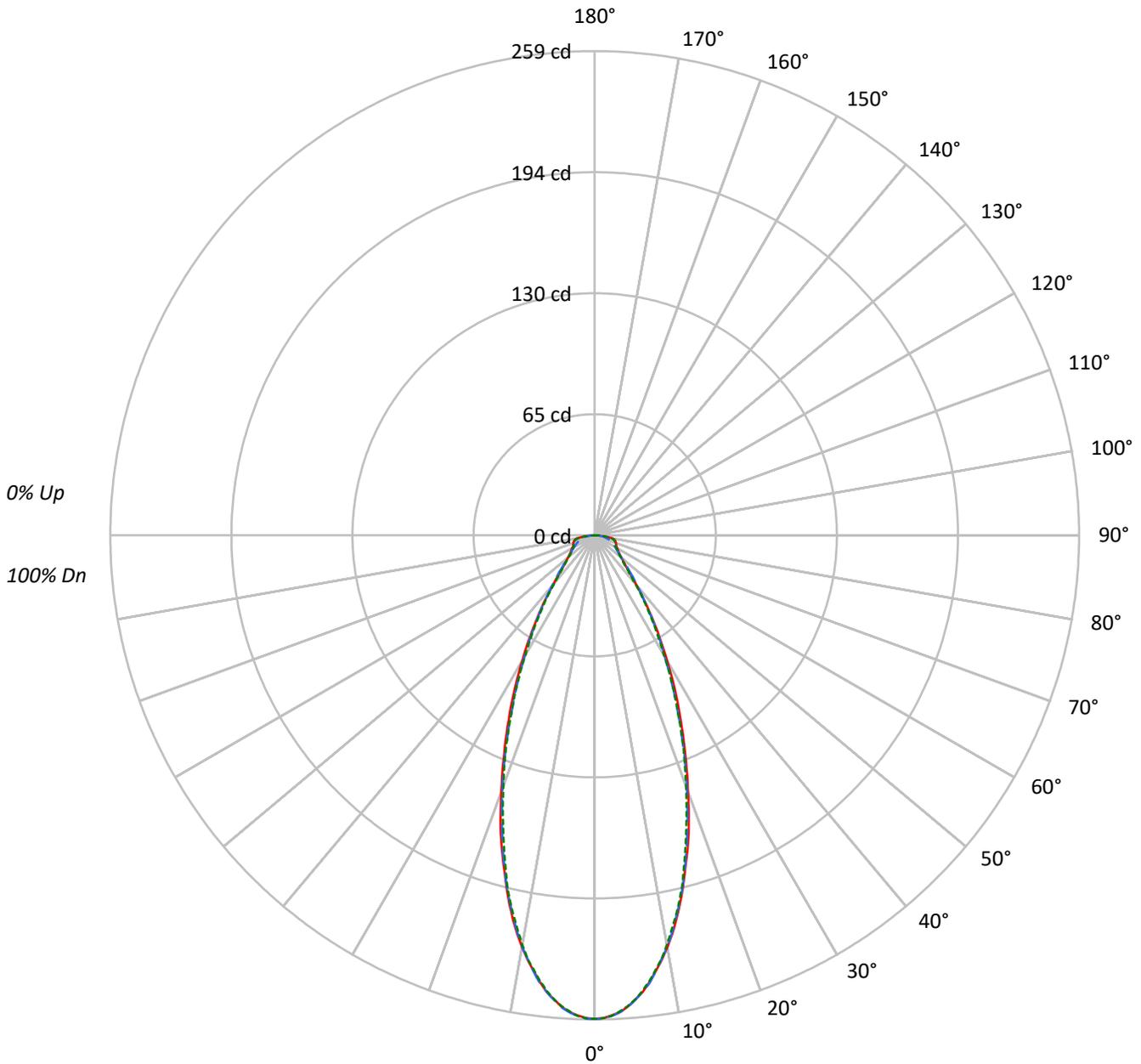
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 214.0 lumens
Efficiency: N/A
Efficacy: 29.7 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): 7.2
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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	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	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	66	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	57	57	56
7	77	66	60	55	76	66	59	55	64	58	54	63	58	54	62	57	54	54	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	50	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	47	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	44	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	56728	56728	56728
5°	54853	54920	54853
10°	49832	49765	49543
15°	42293	42157	41794
20°	34046	33603	33300
25°	26324	25526	25526
30°	19623	18965	18813
35°	14134	13947	13599
40°	9876	10162	9504
45°	7381	7784	7164
50°	6345	6345	6209
55°	5964	5735	5849
60°	6140	5570	5877
65°	6590	5552	6434
70°	7758	5834	7501
75°	9658	6100	9404
80°	12375	6566	11113
85°	9812	6542	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 12375 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.0	10.7
10°-20°	51.3	24.0
20°-30°	49.0	22.9
30°-40°	32.9	15.4
40°-50°	19.3	9.0
50°-60°	13.8	6.5
60°-70°	11.5	5.4
70°-80°	9.4	4.4
80°-90°	3.9	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°	123.2	57.6
0°-40°	156.1	72.9
0°-60°	189.2	88.4
0°-90°	214.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	214.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	259	259	259	259	259	
5°	249	250	250	249	249	23
15°	186	187	186	184	184	52
25°	109	108	106	106	106	50
35°	53	53	52	51	51	33
45°	24	24	25	24	23	19
55°	16	15	15	15	15	14
65°	13	11	11	11	12	13
75°	11	9	7	9	11	12
85°	4	4	3	4	4	4
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	258.7	258.7	258.7	258.7	258.7
1°	258.3	258.7	258.7	258.3	258.3
2°	257.0	257.7	257.3	257.0	257.3
3°	255.4	256.0	255.7	255.4	255.1
4°	252.8	253.4	253.1	252.5	252.5
5°	249.2	249.9	249.5	249.2	249.2
6°	245.6	246.3	245.6	245.0	245.0
7°	240.7	241.7	241.1	240.4	240.1
8°	235.2	236.2	235.5	235.2	234.5
9°	229.7	230.3	229.3	229.3	229.3
10°	223.8	224.1	223.5	222.5	222.5
11°	217.3	217.0	216.6	216.0	215.3
12°	210.1	210.1	209.1	208.5	208.2
13°	202.6	202.3	201.6	201.0	201.0
14°	194.8	194.8	194.2	192.8	193.2
15°	186.3	186.7	185.7	184.4	184.1
17.5°	167.1	166.5	164.8	163.9	162.9
20°	145.9	145.6	144.0	143.0	142.7
22.5°	126.4	126.1	124.4	123.5	124.1
25°	108.8	107.5	105.5	105.5	105.5
27.5°	92.5	90.9	89.6	88.9	89.6
30°	77.5	76.2	74.9	74.6	74.3
32.5°	64.2	63.5	62.9	61.9	61.9
35°	52.8	52.8	52.1	51.1	50.8
37.5°	43.0	43.3	43.0	42.0	41.7
40°	34.5	35.2	35.5	34.5	33.2
42.5°	28.3	29.3	30.0	28.3	27.4
45°	23.8	24.4	25.1	23.8	23.1
47.5°	20.8	21.2	21.5	20.5	20.2
50°	18.6	18.6	18.6	18.2	18.2
52.5°	16.9	16.9	16.6	16.3	16.3
55°	15.6	15.3	15.0	15.0	15.3
57.5°	14.7	14.3	13.7	14.0	14.3
60°	14.0	13.4	12.7	13.0	13.4
62.5°	13.0	12.4	11.7	12.1	12.7
65°	12.7	11.4	10.7	11.4	12.4
67.5°	12.4	10.7	9.8	10.7	12.1
70°	12.1	10.1	9.1	10.1	11.7
72.5°	11.7	9.4	8.1	9.4	11.4
75°	11.4	8.8	7.2	8.8	11.1
77.5°	10.7	8.1	6.2	8.1	10.1
80°	9.8	7.5	5.2	7.2	8.8
82.5°	7.2	6.2	4.2	6.2	6.5
85°	3.9	4.2	2.6	4.2	3.9
87.5°	0.3	0.7	0.7	2.0	1.3



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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)