

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: P1253073

Luminaire Tested: P3AS24R359030D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253073
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: P3AS24R359030D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

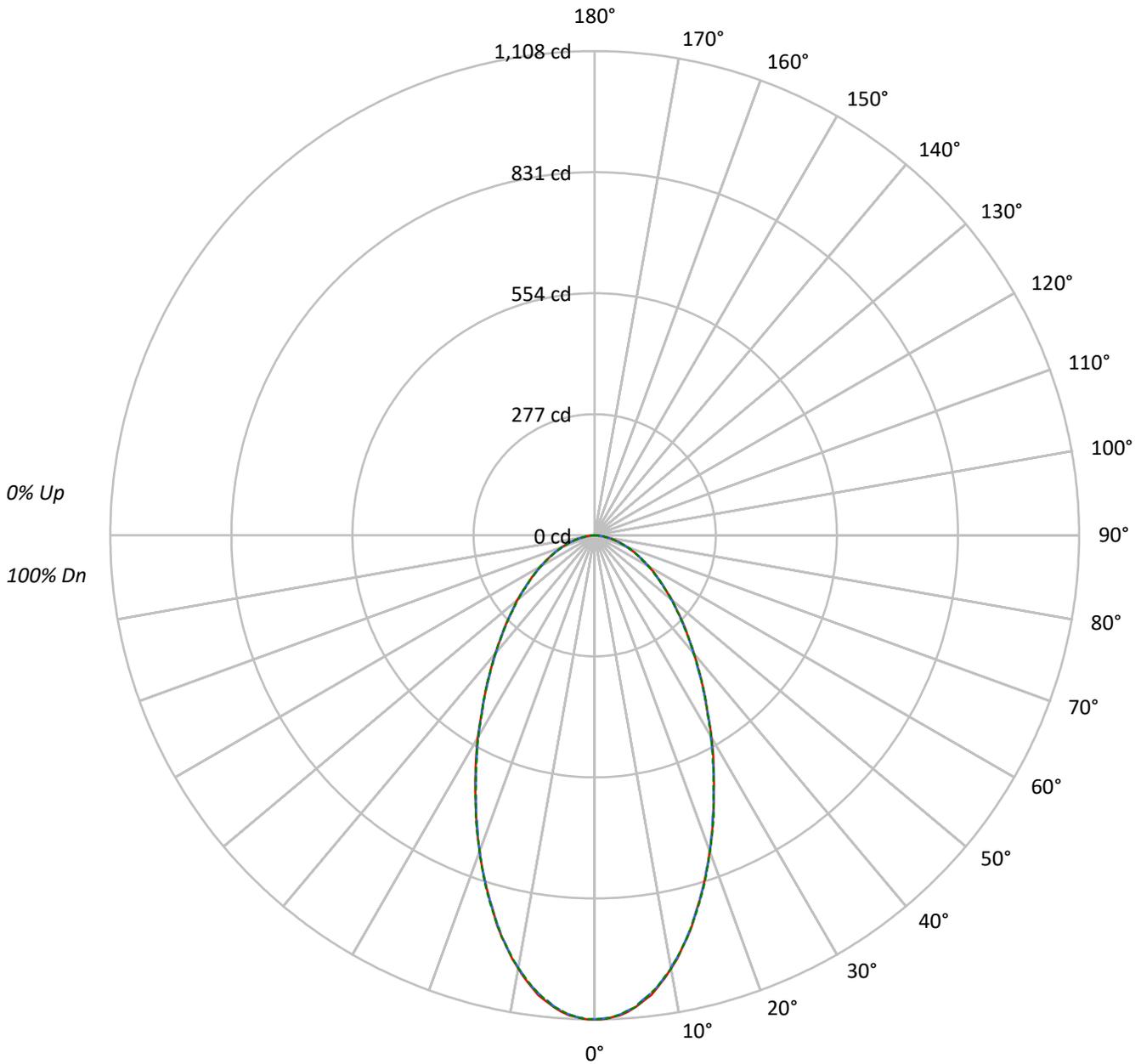
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1480.1 lumens
Efficiency: N/A
Efficacy: 51.4 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): 28.8
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% Up
100% Dn

— 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	100	
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	90	88	
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	79	77	
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	70	68	
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	62	60	
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	56	54	
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	51	49	
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	46	44	
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	42	41	
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	39	38	
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	36	35	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	242919	242919	242919
5°	238388	237970	238388
10°	224133	223710	224133
15°	202930	202930	203361
20°	179636	179636	179636
25°	156203	155743	155743
30°	135413	134451	134932
35°	116580	116071	116580
40°	101161	100617	101161
45°	88846	88257	88257
50°	78837	78189	78189
55°	69388	69388	69388
60°	62846	61969	62846
65°	56504	56504	56504
70°	50201	50201	50201
75°	45327	43717	45327
80°	38641	38641	38641
85°	24153	24153	24153

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 88846 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.8	6.8
10°-20°	249.4	16.8
20°-30°	296.3	20.0
30°-40°	272.3	18.4
40°-50°	221.1	14.9
50°-60°	163.6	11.1
60°-70°	108.1	7.3
70°-80°	56.0	3.8
80°-90°	12.6	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°	646.4	43.7
0°-40°	918.7	62.1
0°-60°	1303.3	88.1
0°-90°	1480.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1480.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1108	1108	1108	1108	1108	
5°	1083	1081	1081	1081	1083	101
15°	894	894	894	894	896	250
25°	646	644	644	646	644	297
35°	436	434	434	436	436	273
45°	286	285	285	285	285	222
55°	182	182	182	182	182	164
65°	109	109	109	109	109	108
75°	54	54	52	54	54	57
85°	10	10	10	10	10	12
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1107.8	1107.8	1107.8	1107.8	1107.8
1°	1107.8	1105.9	1105.9	1105.9	1107.8
2°	1104.0	1104.0	1104.0	1104.0	1104.0
3°	1100.2	1098.3	1098.3	1098.3	1098.3
4°	1092.6	1090.6	1090.6	1090.6	1090.6
5°	1083.0	1081.1	1081.1	1081.1	1083.0
6°	1071.5	1069.6	1067.7	1067.7	1069.6
7°	1060.1	1056.3	1056.3	1056.3	1056.3
8°	1042.9	1041.0	1041.0	1041.0	1041.0
9°	1025.7	1021.9	1023.8	1023.8	1023.8
10°	1006.6	1004.7	1004.7	1004.7	1006.6
11°	987.5	985.6	985.6	983.7	985.6
12°	964.6	964.6	964.6	964.6	964.6
13°	943.6	941.7	941.7	941.7	943.6
14°	920.7	918.7	918.7	918.7	918.7
15°	893.9	893.9	893.9	893.9	895.8
17.5°	832.8	830.9	832.8	832.8	834.7
20°	769.8	767.8	769.8	769.8	769.8
22.5°	706.7	706.7	704.8	706.7	708.6
25°	645.6	643.7	643.7	645.6	643.7
27.5°	588.3	586.4	586.4	586.4	586.4
30°	534.8	531.0	531.0	532.9	532.9
32.5°	479.4	479.4	481.3	479.4	479.4
35°	435.5	433.6	433.6	435.5	435.5
37.5°	391.6	389.7	389.7	391.6	391.6
40°	353.4	353.4	351.5	353.4	353.4
42.5°	317.1	317.1	317.1	317.1	317.1
45°	286.5	284.6	284.6	284.6	284.6
47.5°	255.9	255.9	255.9	254.0	255.9
50°	231.1	229.2	229.2	229.2	229.2
52.5°	204.4	204.4	204.4	204.4	204.4
55°	181.5	181.5	181.5	181.5	181.5
57.5°	162.4	160.4	160.4	160.4	160.4
60°	143.3	143.3	141.3	143.3	143.3
62.5°	124.2	124.2	124.2	124.2	124.2
65°	108.9	108.9	108.9	108.9	108.9
67.5°	93.6	93.6	93.6	93.6	93.6
70°	78.3	78.3	78.3	78.3	78.3
72.5°	66.9	64.9	64.9	64.9	64.9
75°	53.5	53.5	51.6	53.5	53.5
77.5°	40.1	40.1	40.1	40.1	40.1
80°	30.6	30.6	30.6	28.7	30.6
82.5°	19.1	19.1	19.1	19.1	19.1
85°	9.6	9.6	9.6	9.6	9.6
87.5°	1.9	1.9	1.9	3.8	3.8



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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)