

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: P1258082

Luminaire Tested: P3AS20R259040D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258082
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259040D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

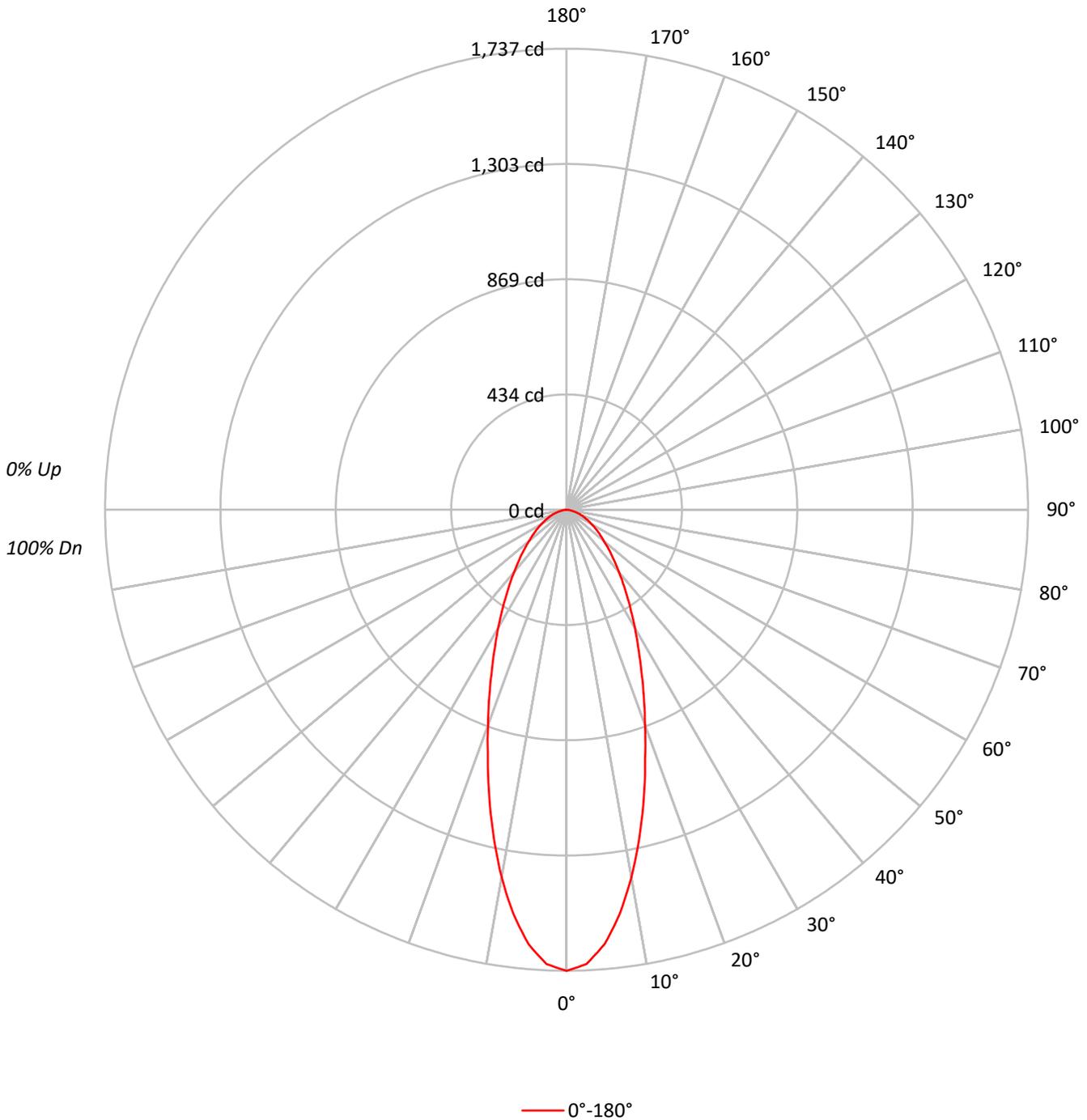
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1460.0 lumens
Efficiency: N/A
Efficacy: 50.7 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	80	77	74	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	74	70	67	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	69	65	61	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	65	60	56	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	61	56	52	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	57	52	48	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	380934
5°	361610
10°	313198
15°	254984
20°	201478
25°	160630
30°	130248
35°	106086
40°	87879
45°	74054
50°	62667
55°	55166
60°	48329
65°	42235
70°	36993
75°	31094
80°	23235
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 74054 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.2	10.2
10°-20°	311.5	21.3
20°-30°	307.0	21.0
30°-40°	249.9	17.1
40°-50°	185.4	12.7
50°-60°	129.4	8.9
60°-70°	81.1	5.6
70°-80°	39.0	2.7
80°-90°	7.5	0.5
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°	767.6	52.6
0°-40°	1017.5	69.7
0°-60°	1332.4	91.3
0°-90°	1460.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1460.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1737	
5°	1643	149
15°	1123	311
25°	664	307
35°	396	250
45°	239	185
55°	144	129
65°	81	81
75°	37	39
85°	5	7
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1737.2
2.5°	1713.6
5°	1642.8
7.5°	1535.2
10°	1406.6
12.5°	1264.9
15°	1123.2
17.5°	984.1
20°	863.4
22.5°	758.4
25°	663.9
27.5°	582.6
30°	514.4
32.5°	451.4
35°	396.3
37.5°	349.0
40°	307.0
42.5°	270.3
45°	238.8
47.5°	209.9
50°	183.7
52.5°	162.7
55°	144.3
57.5°	126.0
60°	110.2
62.5°	94.5
65°	81.4
67.5°	68.2
70°	57.7
72.5°	47.2
75°	36.7
77.5°	26.2
80°	18.4
82.5°	10.5
85°	5.2
87.5°	2.6
90°	0.0

(END OF REPORT)