

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: P1249962

Luminaire Tested: P3AS20R259027D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249962
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259027D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

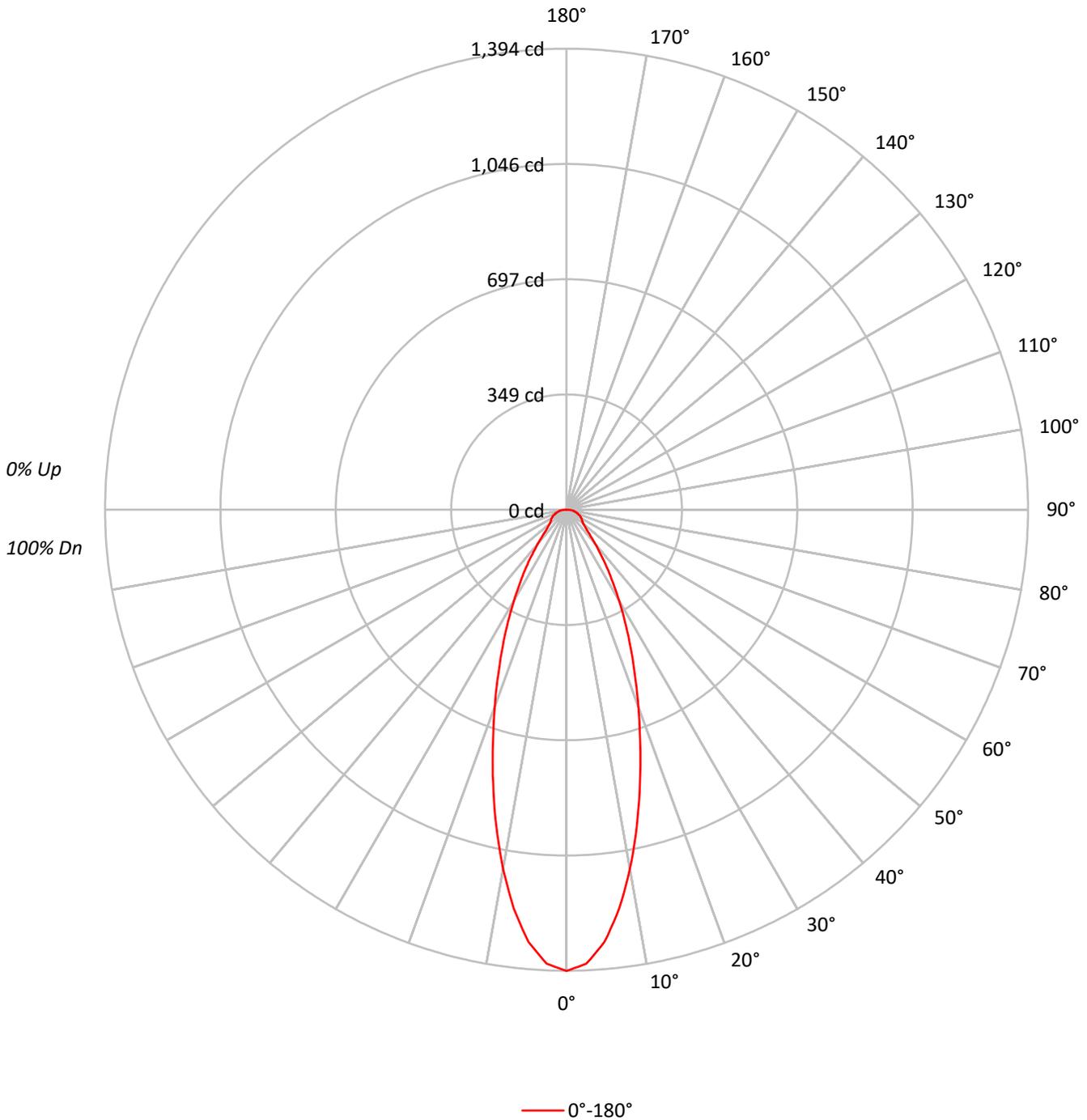
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 910.0 lumens
Efficiency: N/A
Efficacy: 31.6 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
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				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	100				100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81				81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68				68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63				63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	305765
5°	288883
10°	245531
15°	194485
20°	147806
25°	110256
30°	80190
35°	56724
40°	38472
45°	26856
50°	22549
55°	21791
60°	22981
65°	23660
70°	23401
75°	25078
80°	28792
85°	28682

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 30576 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.5	13.0
10°-20°	237.1	26.1
20°-30°	210.0	23.1
30°-40°	133.7	14.7
40°-50°	70.8	7.8
50°-60°	52.0	5.7
60°-70°	44.3	4.9
70°-80°	31.3	3.4
80°-90°	12.4	1.4
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°	565.5	62.1
0°-40°	699.3	76.8
0°-60°	822.1	90.3
0°-90°	910.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	910.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1394	
5°	1312	118
15°	857	237
25°	456	210
35°	212	134
45°	87	71
55°	57	52
65°	46	44
75°	30	31
85°	11	12
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1394.4
2.5°	1373.9
5°	1312.4
7.5°	1216.7
10°	1102.7
12.5°	979.7
15°	856.7
17.5°	738.2
20°	633.4
22.5°	537.7
25°	455.7
27.5°	382.8
30°	316.7
32.5°	259.7
35°	211.9
37.5°	168.6
40°	134.4
42.5°	107.1
45°	86.6
47.5°	75.2
50°	66.1
52.5°	61.5
55°	57.0
57.5°	54.7
60°	52.4
62.5°	47.8
65°	45.6
67.5°	41.0
70°	36.5
72.5°	34.2
75°	29.6
77.5°	25.1
80°	22.8
82.5°	18.2
85°	11.4
87.5°	4.6
90°	0.0

(END OF REPORT)