

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: P1259552

Luminaire Tested: P3AS09R259050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259552
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: P3AS09R259050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

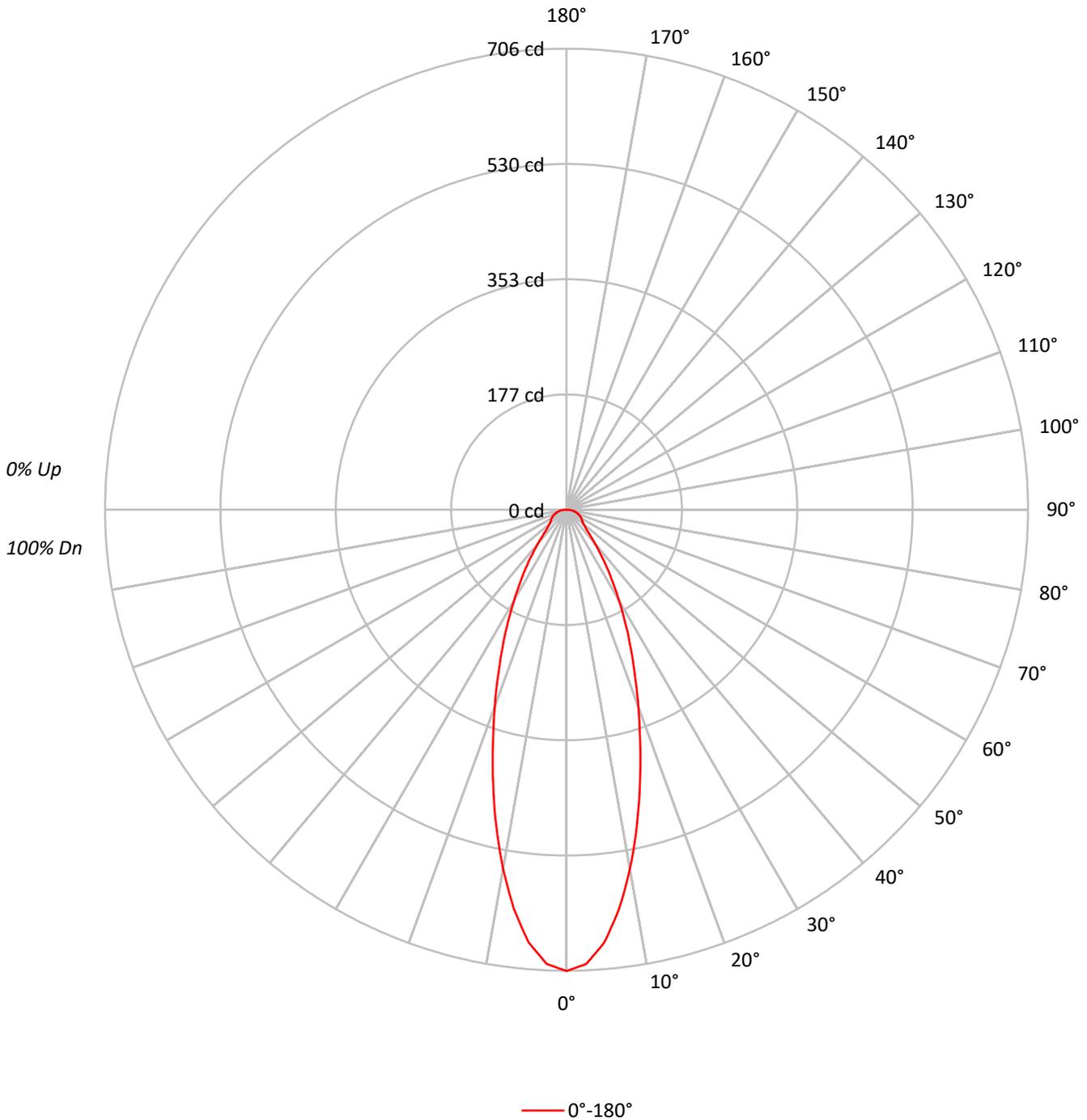
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 461.0 lumens
Efficiency: N/A
Efficacy: 41.5 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): 11.1
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





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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	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°	154900
5°	146335
10°	124380
15°	98525
20°	74883
25°	55842
30°	40614
35°	28723
40°	19494
45°	13614
50°	11428
55°	11049
60°	11622
65°	11986
70°	11861
75°	12709
80°	14522
85°	14593

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 15456 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.0	13.0
10°-20°	120.1	26.1
20°-30°	106.4	23.1
30°-40°	67.7	14.7
40°-50°	35.8	7.8
50°-60°	26.4	5.7
60°-70°	22.4	4.9
70°-80°	15.8	3.4
80°-90°	6.3	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°	286.5	62.1
0°-40°	354.2	76.8
0°-60°	416.4	90.3
0°-90°	461.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	461.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	706	
5°	665	60
15°	434	120
25°	231	106
35°	107	68
45°	44	36
55°	29	26
65°	23	22
75°	15	16
85°	6	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	706.4
2.5°	696.0
5°	664.8
7.5°	616.4
10°	558.6
12.5°	496.3
15°	434.0
17.5°	374.0
20°	320.9
22.5°	272.4
25°	230.8
27.5°	193.9
30°	160.4
32.5°	131.6
35°	107.3
37.5°	85.4
40°	68.1
42.5°	54.2
45°	43.9
47.5°	38.1
50°	33.5
52.5°	31.2
55°	28.9
57.5°	27.7
60°	26.5
62.5°	24.2
65°	23.1
67.5°	20.8
70°	18.5
72.5°	17.3
75°	15.0
77.5°	12.7
80°	11.5
82.5°	9.2
85°	5.8
87.5°	2.3
90°	0.0

(END OF REPORT)