

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: P1256955

Luminaire Tested: P3AS09R259040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256955
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: P3AS09R259040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

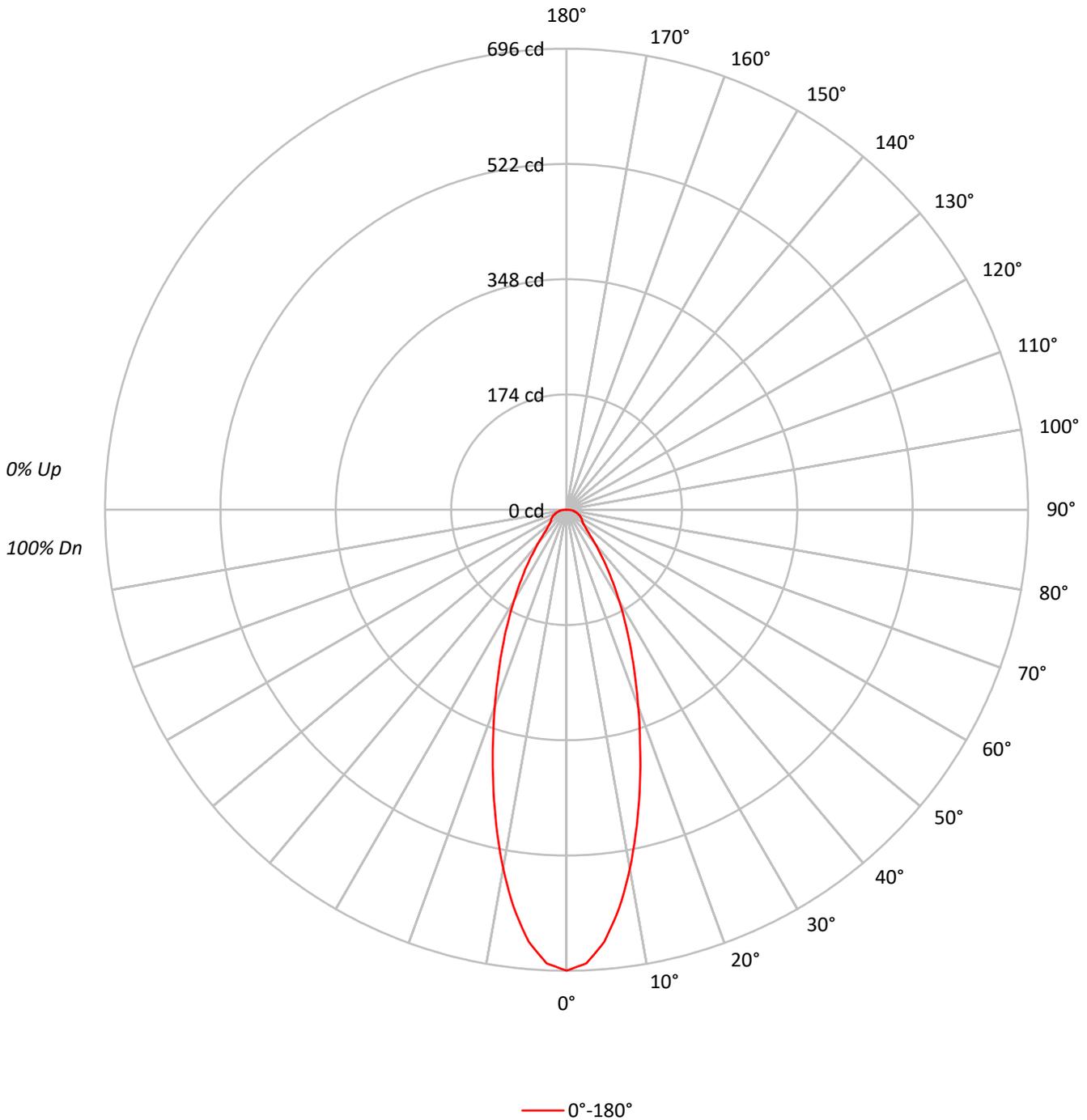
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 454.1 lumens
Efficiency: N/A
Efficacy: 40.9 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 (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	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°	152554
5°	144111
10°	122509
15°	97027
20°	73740
25°	54995
30°	40006
35°	28295
40°	19207
45°	13397
50°	11258
55°	10857
60°	11446
65°	11778
70°	11669
75°	12539
80°	14396
85°	14341

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 15288 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.1	13.0
10°-20°	118.3	26.1
20°-30°	104.8	23.1
30°-40°	66.7	14.7
40°-50°	35.3	7.8
50°-60°	25.9	5.7
60°-70°	22.1	4.9
70°-80°	15.6	3.4
80°-90°	6.2	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°	282.2	62.1
0°-40°	348.9	76.8
0°-60°	410.1	90.3
0°-90°	454.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	454.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	696	
5°	655	59
15°	427	118
25°	227	105
35°	106	67
45°	43	35
55°	28	26
65°	23	22
75°	15	16
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	695.7
2.5°	685.4
5°	654.7
7.5°	607.0
10°	550.2
12.5°	488.8
15°	427.4
17.5°	368.3
20°	316.0
22.5°	268.3
25°	227.3
27.5°	191.0
30°	158.0
32.5°	129.6
35°	105.7
37.5°	84.1
40°	67.1
42.5°	53.4
45°	43.2
47.5°	37.5
50°	33.0
52.5°	30.7
55°	28.4
57.5°	27.3
60°	26.1
62.5°	23.9
65°	22.7
67.5°	20.5
70°	18.2
72.5°	17.1
75°	14.8
77.5°	12.5
80°	11.4
82.5°	9.1
85°	5.7
87.5°	2.3
90°	0.0

(END OF REPORT)