

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: P1248834

Luminaire Tested: P3AS09R259027DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248834
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: P3AS09R259027DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

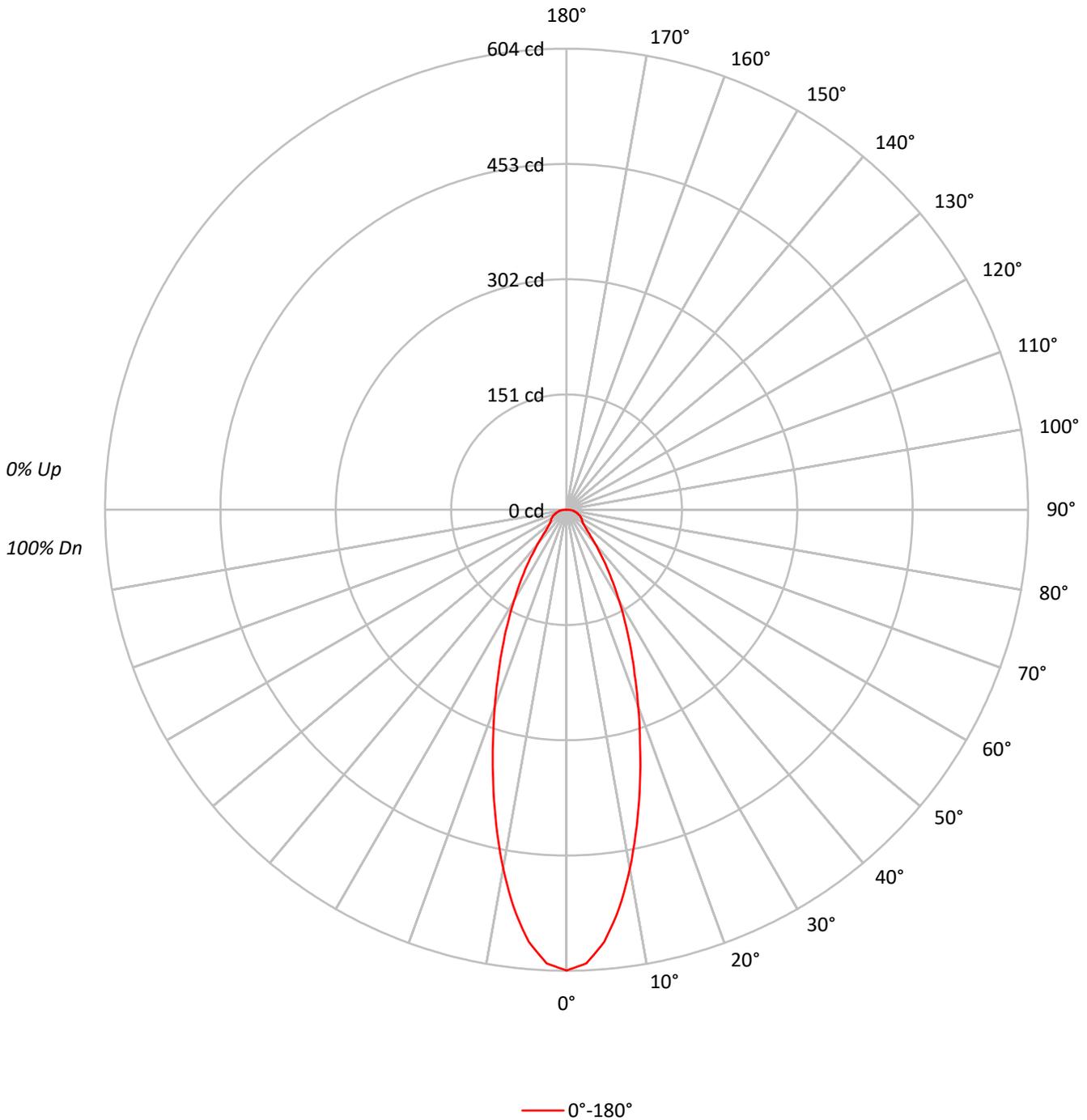
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 394.0 lumens
Efficiency: N/A
Efficacy: 35.5 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°	132380
5°	125071
10°	106322
15°	84200
20°	63986
25°	47737
30°	34714
35°	24547
40°	16660
45°	11629
50°	9757
55°	9443
60°	9955
65°	10222
70°	10130
75°	10845
80°	12502
85°	12328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 13272 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.3	13.0
10°-20°	102.7	26.1
20°-30°	90.9	23.1
30°-40°	57.9	14.7
40°-50°	30.7	7.8
50°-60°	22.5	5.7
60°-70°	19.2	4.9
70°-80°	13.6	3.4
80°-90°	5.4	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°	244.9	62.1
0°-40°	302.8	76.8
0°-60°	355.9	90.3
0°-90°	394.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	394.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	604	
5°	568	51
15°	371	103
25°	197	91
35°	92	58
45°	38	31
55°	25	23
65°	20	19
75°	13	14
85°	5	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	603.7
2.5°	594.8
5°	568.2
7.5°	526.8
10°	477.5
12.5°	424.2
15°	370.9
17.5°	319.6
20°	274.2
22.5°	232.8
25°	197.3
27.5°	165.7
30°	137.1
32.5°	112.5
35°	91.7
37.5°	73.0
40°	58.2
42.5°	46.4
45°	37.5
47.5°	32.6
50°	28.6
52.5°	26.6
55°	24.7
57.5°	23.7
60°	22.7
62.5°	20.7
65°	19.7
67.5°	17.8
70°	15.8
72.5°	14.8
75°	12.8
77.5°	10.9
80°	9.9
82.5°	7.9
85°	4.9
87.5°	2.0
90°	0.0

(END OF REPORT)