

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: P1256579

Luminaire Tested: P3AS05R259040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256579
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: P3AS05R259040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

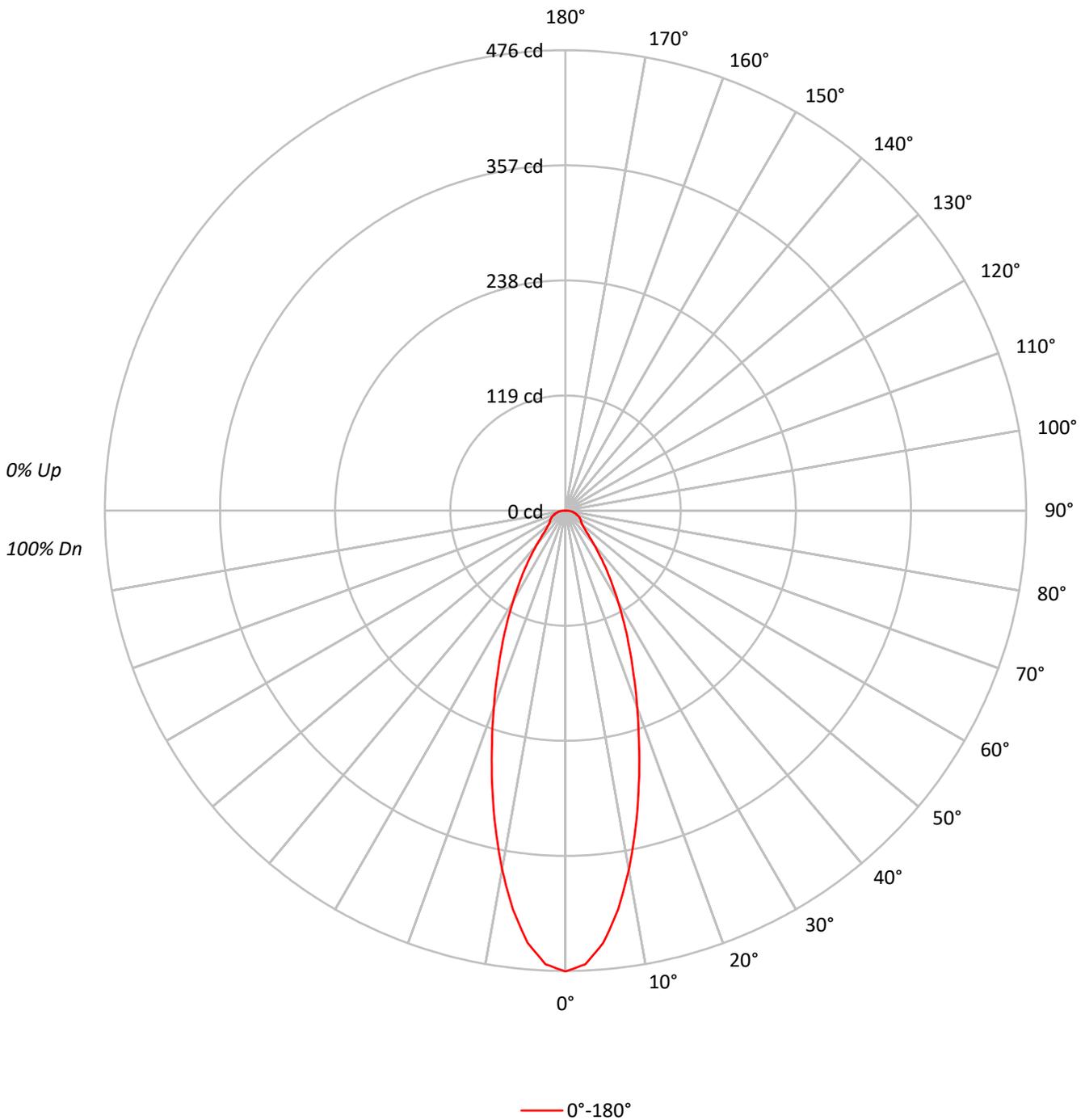
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 311.0 lumens
Efficiency: N/A
Efficacy: 43.2 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): 7.2
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	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81	81	81	81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68	68	68	68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63	63	63	63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59	59	59	59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52	52	52	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49	49	49	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104487
5°	98723
10°	83922
15°	66470
20°	50521
25°	37672
30°	27397
35°	19381
40°	13139
45°	9179
50°	7710
55°	7455
60°	7850
65°	8094
70°	8014
75°	8557
80°	9850
85°	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 10416 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.5	13.0
10°-20°	81.0	26.1
20°-30°	71.8	23.1
30°-40°	45.7	14.7
40°-50°	24.2	7.8
50°-60°	17.8	5.7
60°-70°	15.2	4.9
70°-80°	10.7	3.4
80°-90°	4.2	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°	193.3	62.1
0°-40°	239.0	76.8
0°-60°	280.9	90.3
0°-90°	311.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	311.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	476	
5°	448	40
15°	293	81
25°	156	72
35°	72	46
45°	30	24
55°	20	18
65°	16	15
75°	10	11
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	476.5
2.5°	469.5
5°	448.5
7.5°	415.8
10°	376.9
12.5°	334.8
15°	292.8
17.5°	252.3
20°	216.5
22.5°	183.8
25°	155.7
27.5°	130.8
30°	108.2
32.5°	88.8
35°	72.4
37.5°	57.6
40°	45.9
42.5°	36.6
45°	29.6
47.5°	25.7
50°	22.6
52.5°	21.0
55°	19.5
57.5°	18.7
60°	17.9
62.5°	16.4
65°	15.6
67.5°	14.0
70°	12.5
72.5°	11.7
75°	10.1
77.5°	8.6
80°	7.8
82.5°	6.2
85°	3.9
87.5°	1.6
90°	0.0

(END OF REPORT)