

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: P1248368

Luminaire Tested: P3AS05R129027DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248368
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R129027DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

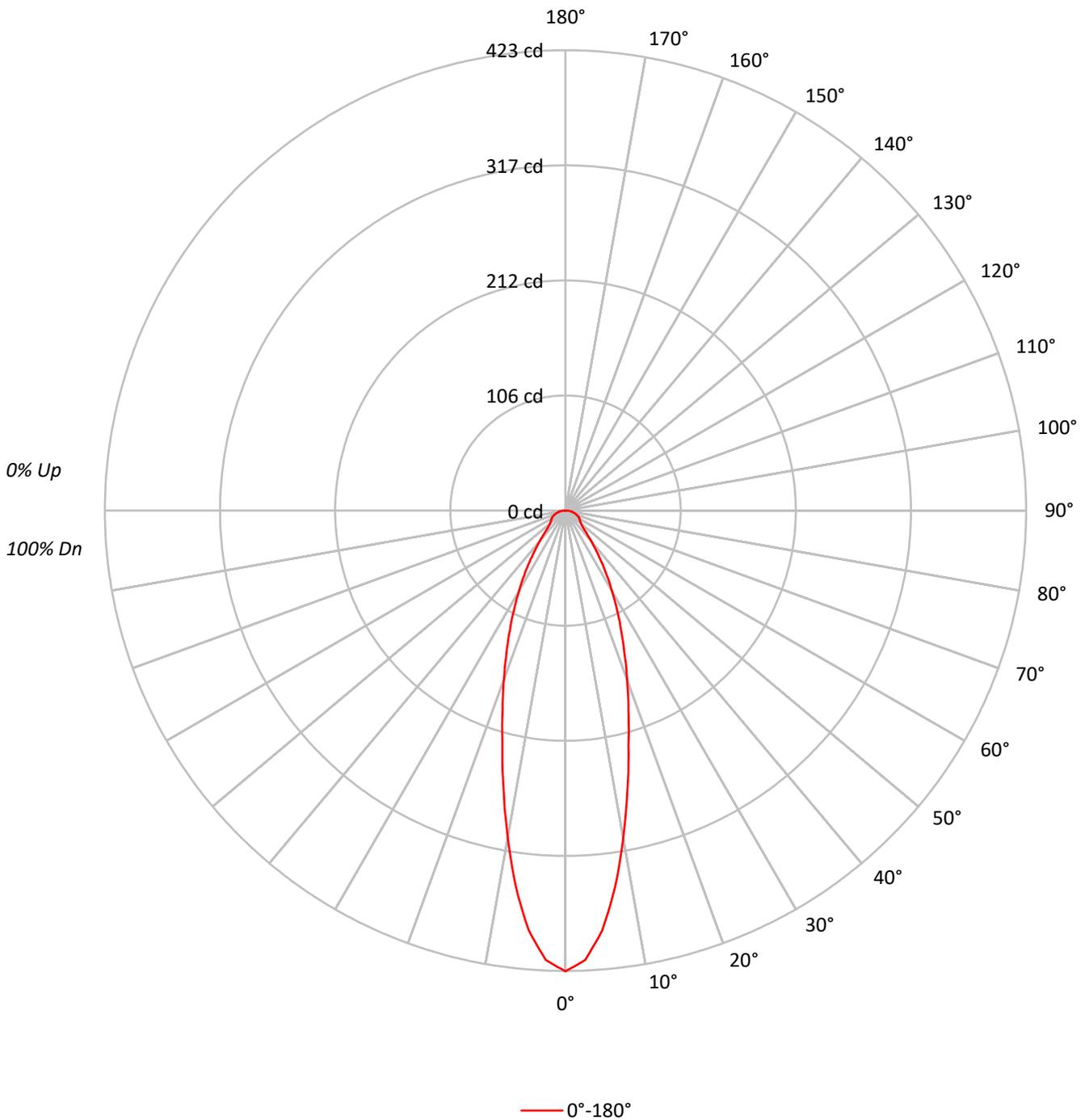
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 248.0 lumens
Efficiency: N/A
Efficacy: 32.6 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.6
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	100	102	99	97	98	96	94	95	93	92	90			90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81			81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74			74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68			68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63			63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	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°	92822
5°	85230
10°	67912
15°	50761
20°	38550
25°	29179
30°	21598
35°	15419
40°	10563
45°	7381
50°	6277
55°	6155
60°	6403
65°	6797
70°	6924
75°	7202
80°	7703
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 9072 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.3	13.8
10°-20°	62.7	25.3
20°-30°	55.6	22.4
30°-40°	36.4	14.7
40°-50°	19.4	7.8
50°-60°	14.7	5.9
60°-70°	12.7	5.1
70°-80°	8.7	3.5
80°-90°	3.6	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°	152.6	61.5
0°-40°	189.0	76.2
0°-60°	223.1	89.9
0°-90°	248.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	248.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	423	
5°	387	34
15°	224	63
25°	121	56
35°	58	36
45°	24	19
55°	16	15
65°	13	13
75°	8	9
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	423.3
2.5°	413.3
5°	387.2
7.5°	348.8
10°	305.0
12.5°	262.7
15°	223.6
17.5°	192.1
20°	165.2
22.5°	141.4
25°	120.6
27.5°	102.2
30°	85.3
32.5°	70.7
35°	57.6
37.5°	46.1
40°	36.9
42.5°	29.2
45°	23.8
47.5°	20.7
50°	18.4
52.5°	17.7
55°	16.1
57.5°	15.4
60°	14.6
62.5°	13.8
65°	13.1
67.5°	11.5
70°	10.8
72.5°	9.2
75°	8.5
77.5°	6.9
80°	6.1
82.5°	5.4
85°	3.1
87.5°	1.5
90°	0.0

(END OF REPORT)