

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: P1273348

Luminaire Tested: P3AS05R309830DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273348
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309830DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

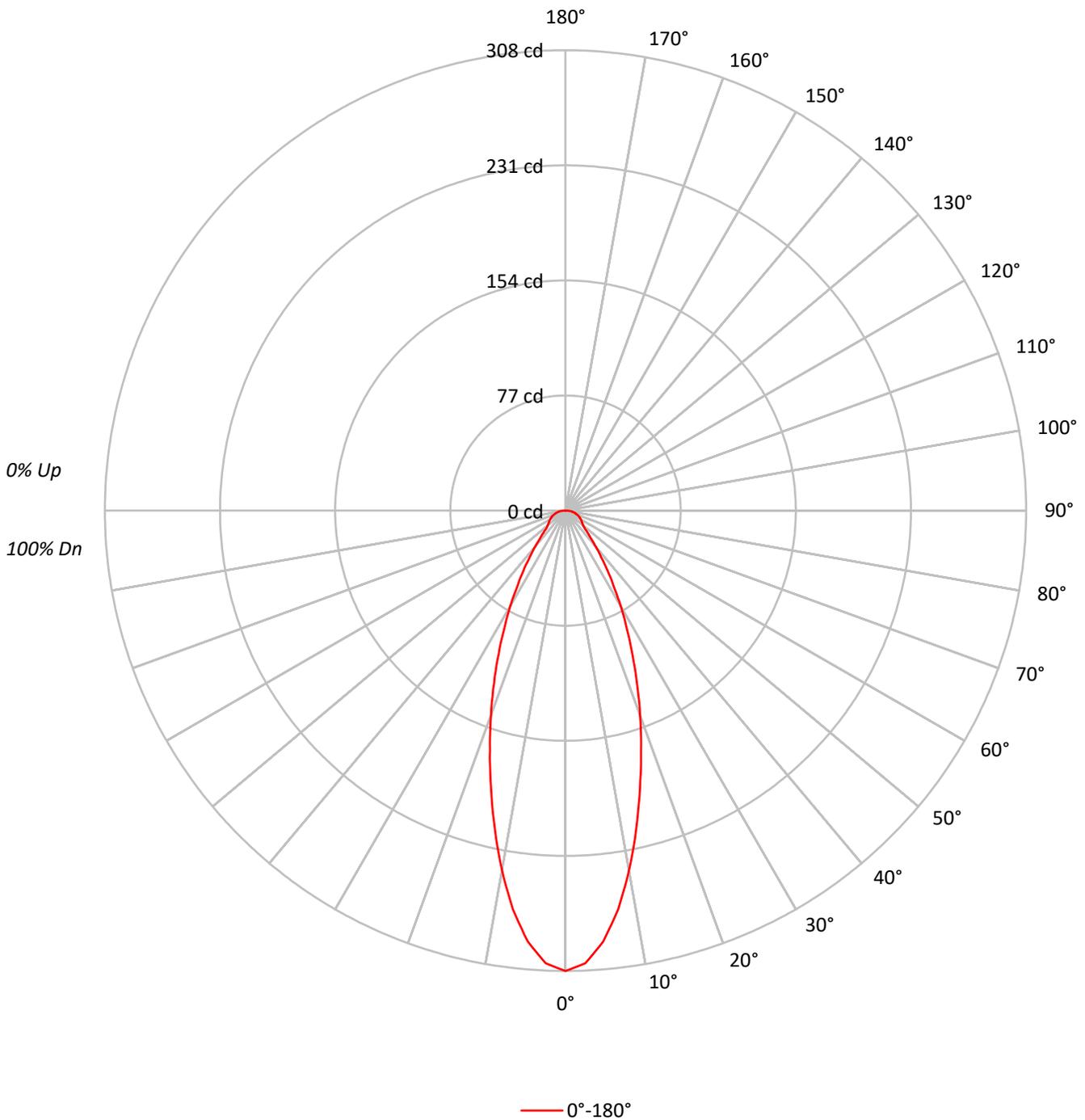
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 208.0 lumens
Efficiency: N/A
Efficacy: 28.9 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	102	102	102	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	94	95	93	92	92	92	92	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	83	83	83	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	76	76	76	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	70	70	70	68
5	88	78	72	67	86	77	71	66	76	70	66	74	69	65	72	68	65	65	65	65	63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	60	60	60	59
7	79	69	62	58	78	68	62	57	67	61	57	66	60	57	64	60	56	56	56	56	55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	53	53	53	51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	50	50	50	49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	47	47	47	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	67538
5°	63680
10°	54441
15°	43632
20°	34000
25°	25574
30°	18661
35°	13144
40°	9017
45°	6450
50°	5288
55°	5085
60°	5131
65°	5241
70°	5450
75°	5846
80°	6061
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 7224 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.2	12.6
10°-20°	53.4	25.7
20°-30°	48.7	23.4
30°-40°	31.0	14.9
40°-50°	16.6	8.0
50°-60°	12.1	5.8
60°-70°	10.2	4.9
70°-80°	7.1	3.4
80°-90°	2.9	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°	128.2	61.6
0°-40°	159.2	76.5
0°-60°	187.9	90.3
0°-90°	208.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	208.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	308	
5°	289	26
15°	192	53
25°	106	49
35°	49	31
45°	21	17
55°	13	12
65°	10	10
75°	7	7
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	308.0
2.5°	303.2
5°	289.3
7.5°	269.0
10°	244.5
12.5°	218.3
15°	192.2
17.5°	168.1
20°	145.7
22.5°	124.9
25°	105.7
27.5°	88.6
30°	73.7
32.5°	59.8
35°	49.1
37.5°	39.0
40°	31.5
42.5°	25.1
45°	20.8
47.5°	17.1
50°	15.5
52.5°	14.4
55°	13.3
57.5°	12.8
60°	11.7
62.5°	11.2
65°	10.1
67.5°	9.6
70°	8.5
72.5°	7.5
75°	6.9
77.5°	5.9
80°	4.8
82.5°	4.3
85°	2.7
87.5°	1.1
90°	0.0

(END OF REPORT)