

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: P1275418

Luminaire Tested: P3AS05R309835DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275418
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: P3AS05R309835DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

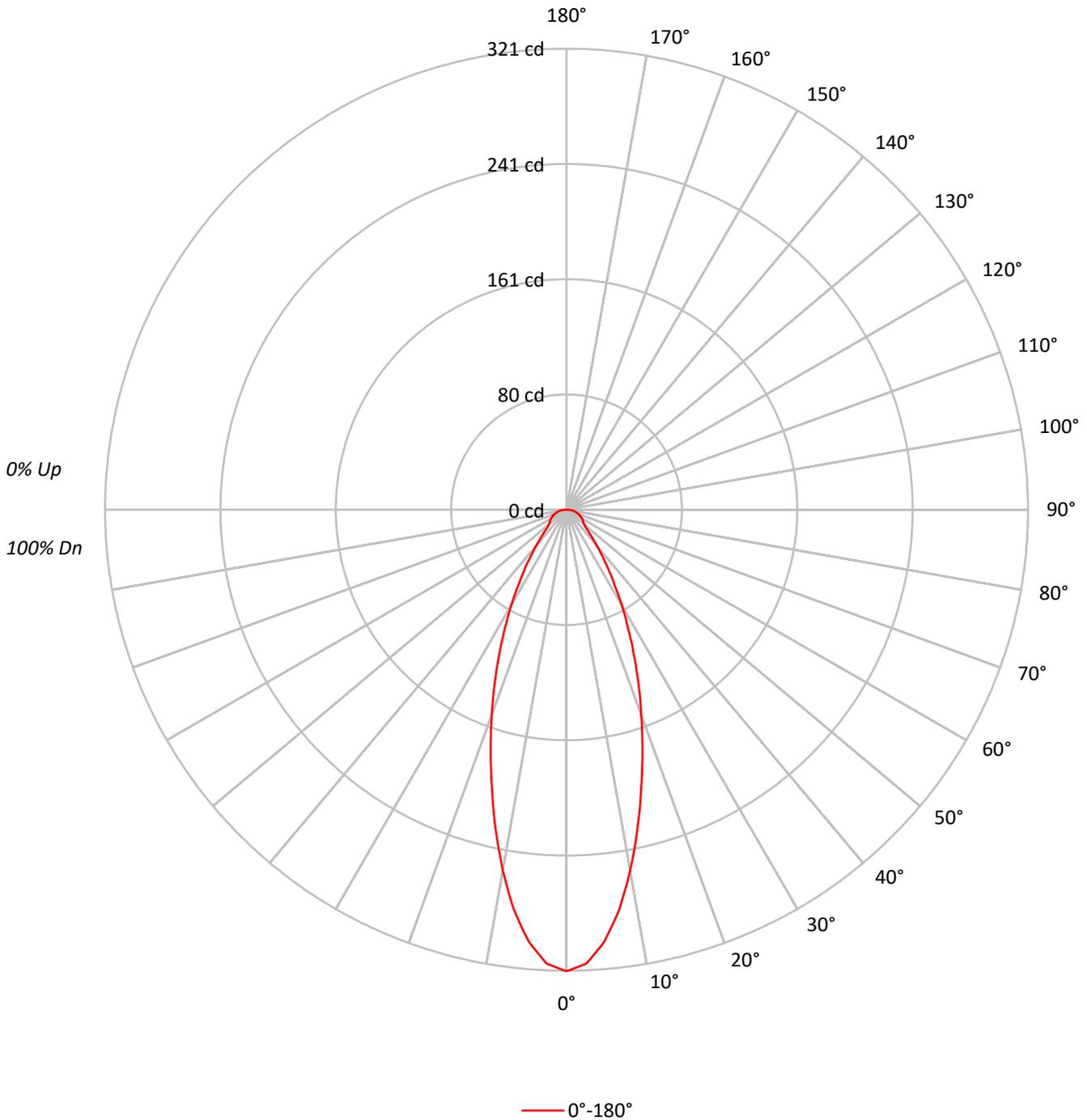
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 217.0 lumens
Efficiency: N/A
Efficacy: 30.1 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	100			100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	94	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	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	66	76	70	66	74	69	65	72	68	65	63			63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59			59
7	79	69	62	58	78	68	62	57	67	61	57	66	60	57	64	60	56	55			55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51			51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	70455
5°	66432
10°	56779
15°	45517
20°	35470
25°	26687
30°	19446
35°	13706
40°	9418
45°	6729
50°	5492
55°	5314
60°	5394
65°	5500
70°	5706
75°	6100
80°	6314
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 7560 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.3	12.6
10°-20°	55.7	25.7
20°-30°	50.7	23.4
30°-40°	32.3	14.9
40°-50°	17.3	8.0
50°-60°	12.6	5.8
60°-70°	10.6	4.9
70°-80°	7.4	3.4
80°-90°	3.0	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°	133.8	61.6
0°-40°	166.1	76.5
0°-60°	196.0	90.3
0°-90°	217.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	217.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	321	
5°	302	27
15°	200	56
25°	110	51
35°	51	32
45°	22	17
55°	14	13
65°	11	11
75°	7	7
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	321.3
2.5°	316.3
5°	301.8
7.5°	280.7
10°	255.0
12.5°	227.8
15°	200.5
17.5°	175.4
20°	152.0
22.5°	130.3
25°	110.3
27.5°	92.4
30°	76.8
32.5°	62.4
35°	51.2
37.5°	40.7
40°	32.9
42.5°	26.2
45°	21.7
47.5°	17.8
50°	16.1
52.5°	15.0
55°	13.9
57.5°	13.4
60°	12.3
62.5°	11.7
65°	10.6
67.5°	10.0
70°	8.9
72.5°	7.8
75°	7.2
77.5°	6.1
80°	5.0
82.5°	4.5
85°	2.8
87.5°	1.1
90°	0.0

(END OF REPORT)