

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: P1275354

Luminaire Tested: P3AS05R209835DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275354
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R209835DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

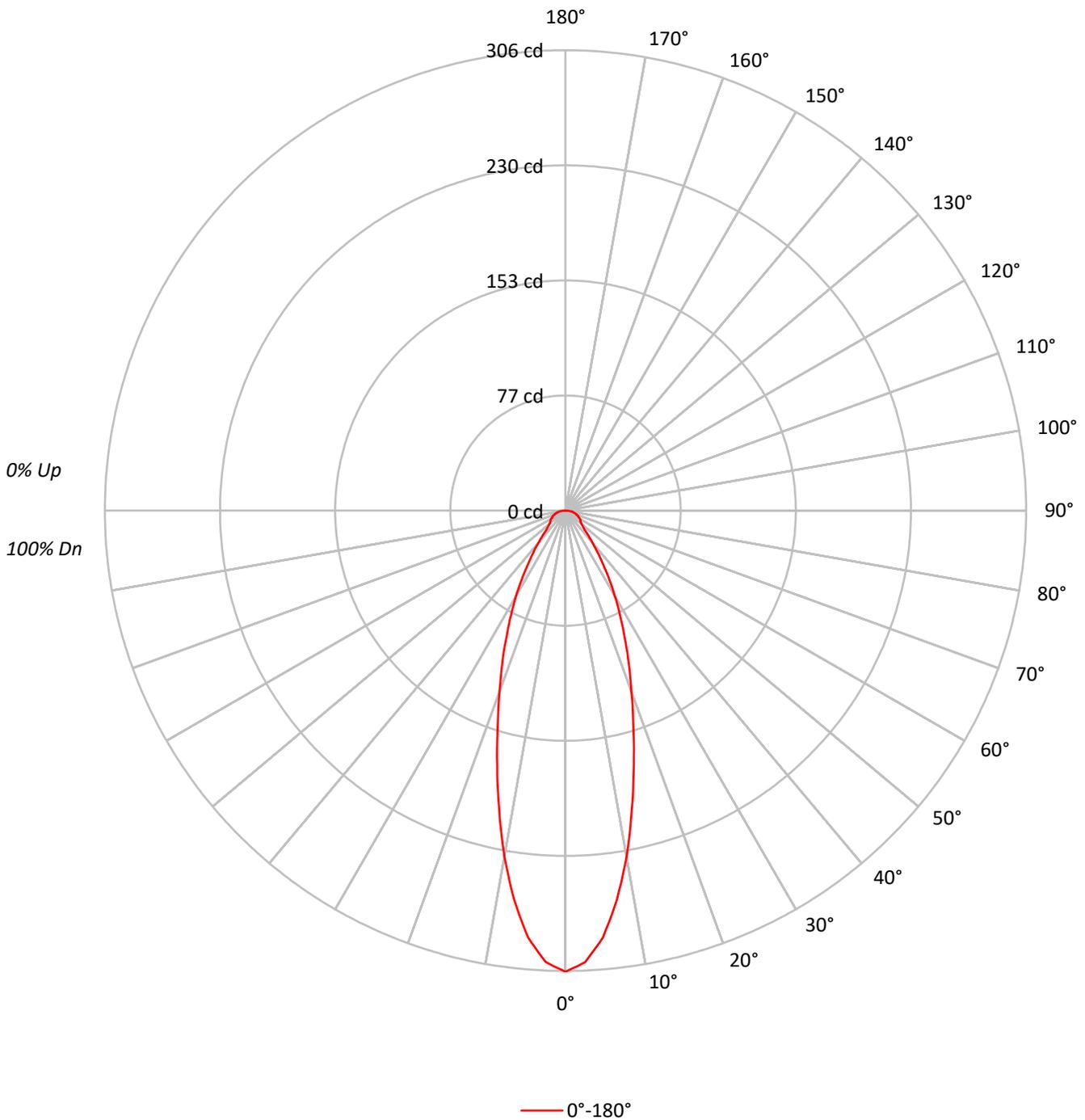
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 189.0 lumens
Efficiency: N/A
Efficacy: 26.2 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
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	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	62	57	66	61	57	65	60	57	55			55
8	76	65	59	54	74	65	58	54	64	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	57	52	48	56	51	48	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	67210
5°	62690
10°	52014
15°	39773
20°	29846
25°	22477
30°	16610
35°	11618
40°	7958
45°	5520
50°	4742
55°	4664
60°	4868
65°	4929
70°	5001
75°	5168
80°	5683
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 6552 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.5	13.5
10°-20°	48.7	25.8
20°-30°	42.9	22.7
30°-40°	27.7	14.6
40°-50°	14.7	7.8
50°-60°	11.0	5.8
60°-70°	9.4	5.0
70°-80°	6.6	3.5
80°-90°	2.6	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°	117.1	62.0
0°-40°	144.7	76.6
0°-60°	170.4	90.2
0°-90°	189.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	189.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	306	
5°	285	26
15°	175	49
25°	93	43
35°	43	28
45°	18	15
55°	12	11
65°	10	9
75°	6	7
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	306.5
2.5°	300.4
5°	284.8
7.5°	260.9
10°	233.6
12.5°	203.6
15°	175.2
17.5°	149.6
20°	127.9
22.5°	109.6
25°	92.9
27.5°	78.4
30°	65.6
32.5°	54.0
35°	43.4
37.5°	35.0
40°	27.8
42.5°	22.3
45°	17.8
47.5°	15.6
50°	13.9
52.5°	12.8
55°	12.2
57.5°	11.7
60°	11.1
62.5°	10.0
65°	9.5
67.5°	8.9
70°	7.8
72.5°	7.2
75°	6.1
77.5°	5.6
80°	4.5
82.5°	3.9
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)