

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: P1259175

Luminaire Tested: P3AS05R209050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259175
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: P3AS05R209050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

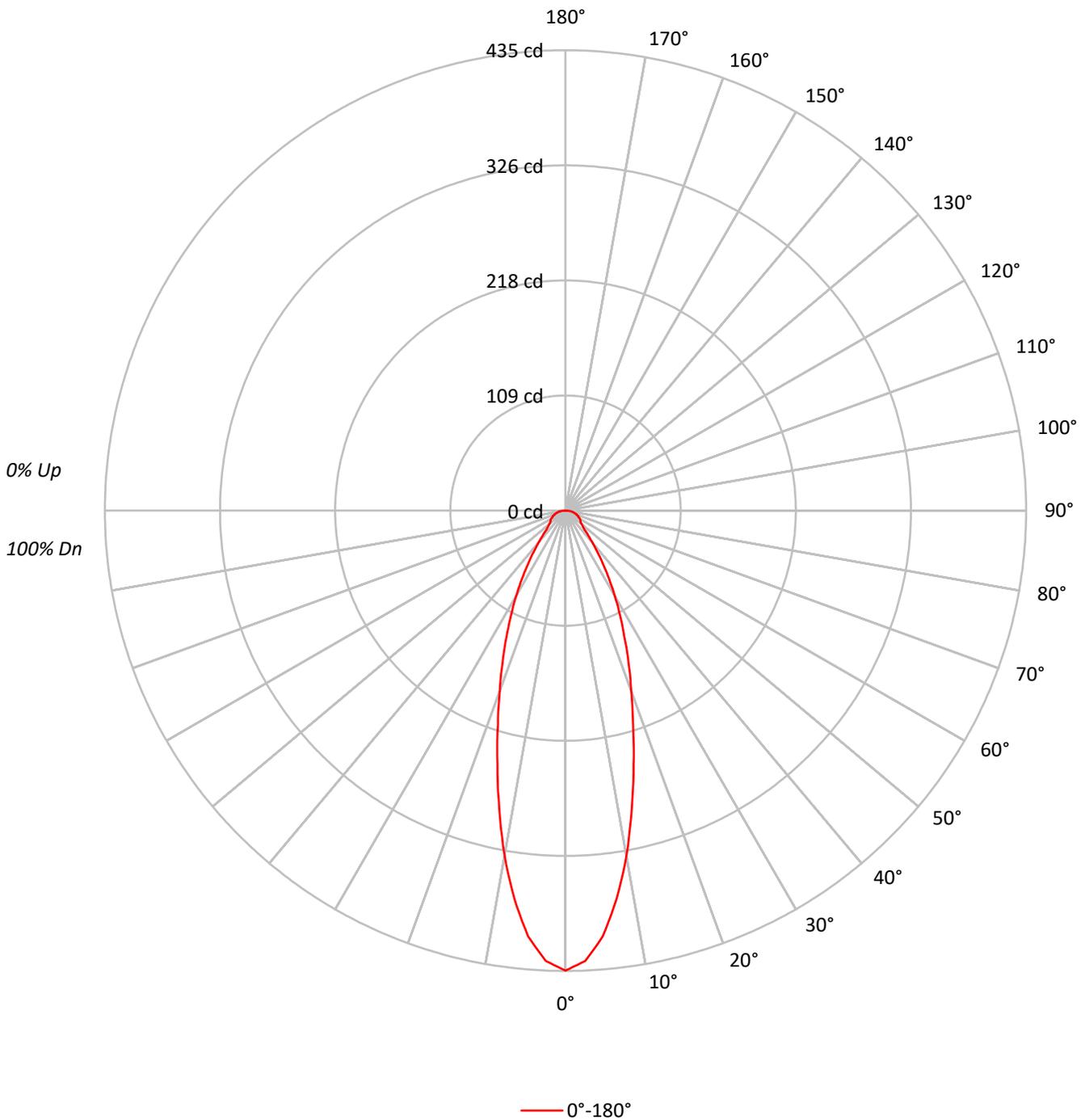
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 268.0 lumens
Efficiency: N/A
Efficacy: 37.2 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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CATALOG NUMBER: P3AS05R209050DE010 E3PHLP1MW

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	62	57	66	61	57	65	60	57	55	55	55	55
8	76	65	59	54	74	65	58	54	64	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	57	52	48	56	51	48	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	95299
5°	88906
10°	73768
15°	56413
20°	42330
25°	31865
30°	23573
35°	16463
40°	11278
45°	7815
50°	6720
55°	6652
60°	6929
65°	6953
70°	7052
75°	7371
80°	7956
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 9240 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.2	13.5
10°-20°	69.1	25.8
20°-30°	60.8	22.7
30°-40°	39.2	14.6
40°-50°	20.8	7.8
50°-60°	15.6	5.8
60°-70°	13.3	5.0
70°-80°	9.4	3.5
80°-90°	3.7	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°	166.0	62.0
0°-40°	205.3	76.6
0°-60°	241.7	90.2
0°-90°	268.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	268.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	435	
5°	404	36
15°	248	69
25°	132	61
35°	62	39
45°	25	21
55°	17	16
65°	13	13
75°	9	9
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	434.6
2.5°	425.9
5°	403.9
7.5°	369.9
10°	331.3
12.5°	288.7
15°	248.5
17.5°	212.2
20°	181.4
22.5°	155.4
25°	131.7
27.5°	111.2
30°	93.1
32.5°	76.5
35°	61.5
37.5°	49.7
40°	39.4
42.5°	31.6
45°	25.2
47.5°	22.1
50°	19.7
52.5°	18.1
55°	17.4
57.5°	16.6
60°	15.8
62.5°	14.2
65°	13.4
67.5°	12.6
70°	11.0
72.5°	10.3
75°	8.7
77.5°	7.9
80°	6.3
82.5°	5.5
85°	3.2
87.5°	1.6
90°	0.0

(END OF REPORT)