

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: P1253904

Luminaire Tested: P3AS05R309035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253904
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: P3AS05R309035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

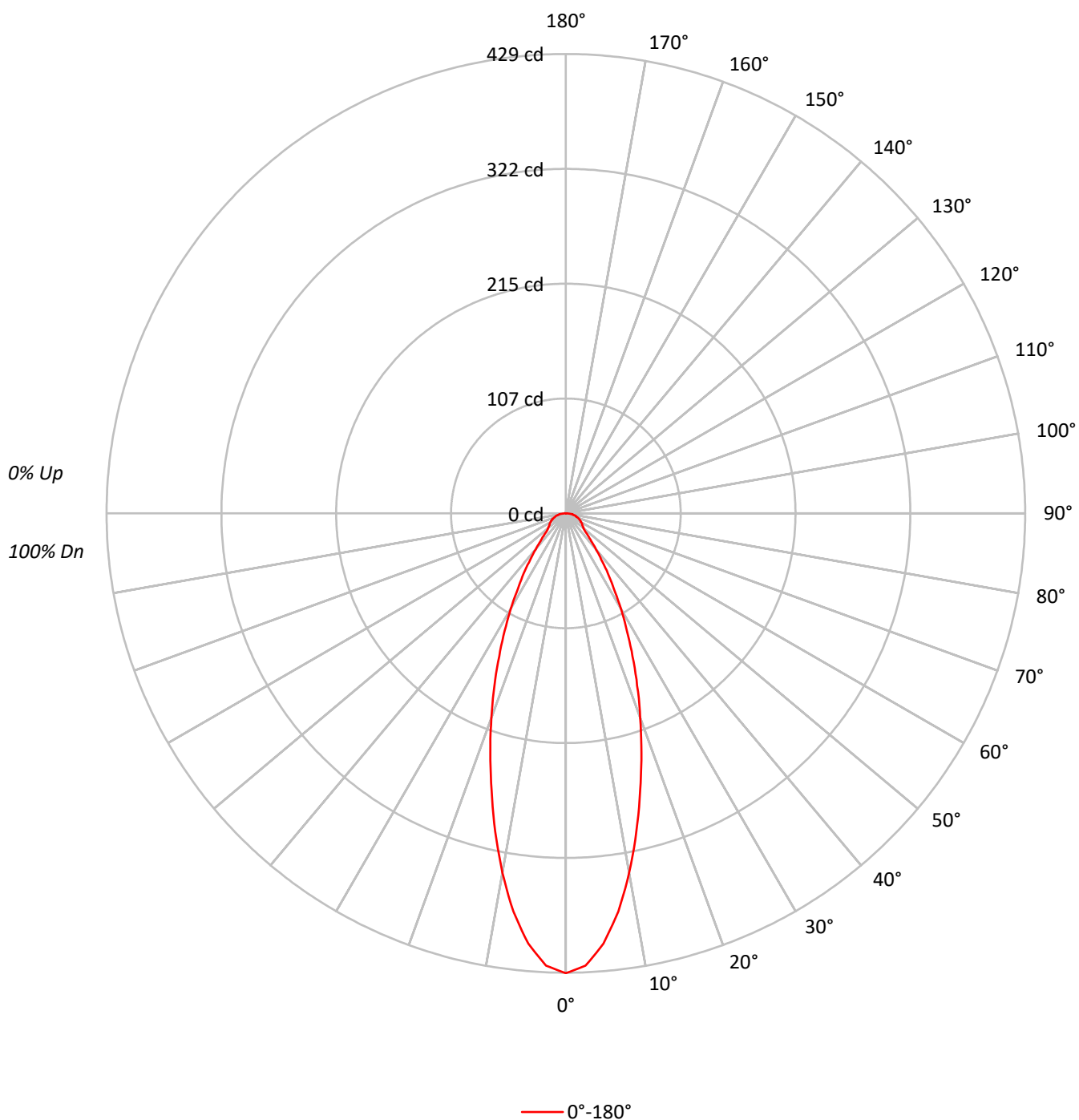
Lumens per Lamp: N/A
Luminaire Lumens: 290.0 lumens
Efficiency: N/A
Efficacy: 40.3 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
Input Voltage (V): NR
Input Current (Ain): 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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	97		98	96	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	94159
5°	88774
10°	75884
15°	60818
20°	47417
25°	35639
30°	26004
35°	18337
40°	12566
45°	8993
50°	7369
55°	7111
60°	7192
65°	7316
70°	7629
75°	8218
80°	8461
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 10080 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.5	12.6
10°-20°	74.4	25.7
20°-30°	67.8	23.4
30°-40°	43.2	14.9
40°-50°	23.1	8.0
50°-60°	16.9	5.8
60°-70°	14.2	4.9
70°-80°	9.9	3.4
80°-90°	4.0	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°	178.8	61.6
0°-40°	221.9	76.5
0°-60°	261.9	90.3
0°-90°	290.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	290.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	429	
5°	403	36
15°	268	74
25°	147	68
35°	68	43
45°	29	23
55°	19	17
65°	14	14
75°	10	10
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	429.4
2.5°	422.7
5°	403.3
7.5°	375.1
10°	340.8
12.5°	304.4
15°	267.9
17.5°	234.4
20°	203.2
22.5°	174.1
25°	147.3
27.5°	123.5
30°	102.7
32.5°	83.3
35°	68.5
37.5°	54.3
40°	43.9
42.5°	35.0
45°	29.0
47.5°	23.8
50°	21.6
52.5°	20.1
55°	18.6
57.5°	17.9
60°	16.4
62.5°	15.6
65°	14.1
67.5°	13.4
70°	11.9
72.5°	10.4
75°	9.7
77.5°	8.2
80°	6.7
82.5°	6.0
85°	3.7
87.5°	1.5
90°	0.0

(END OF REPORT)