

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: P1252701

Luminaire Tested: P3AS20R309030D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252701
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: P3AS20R309030D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

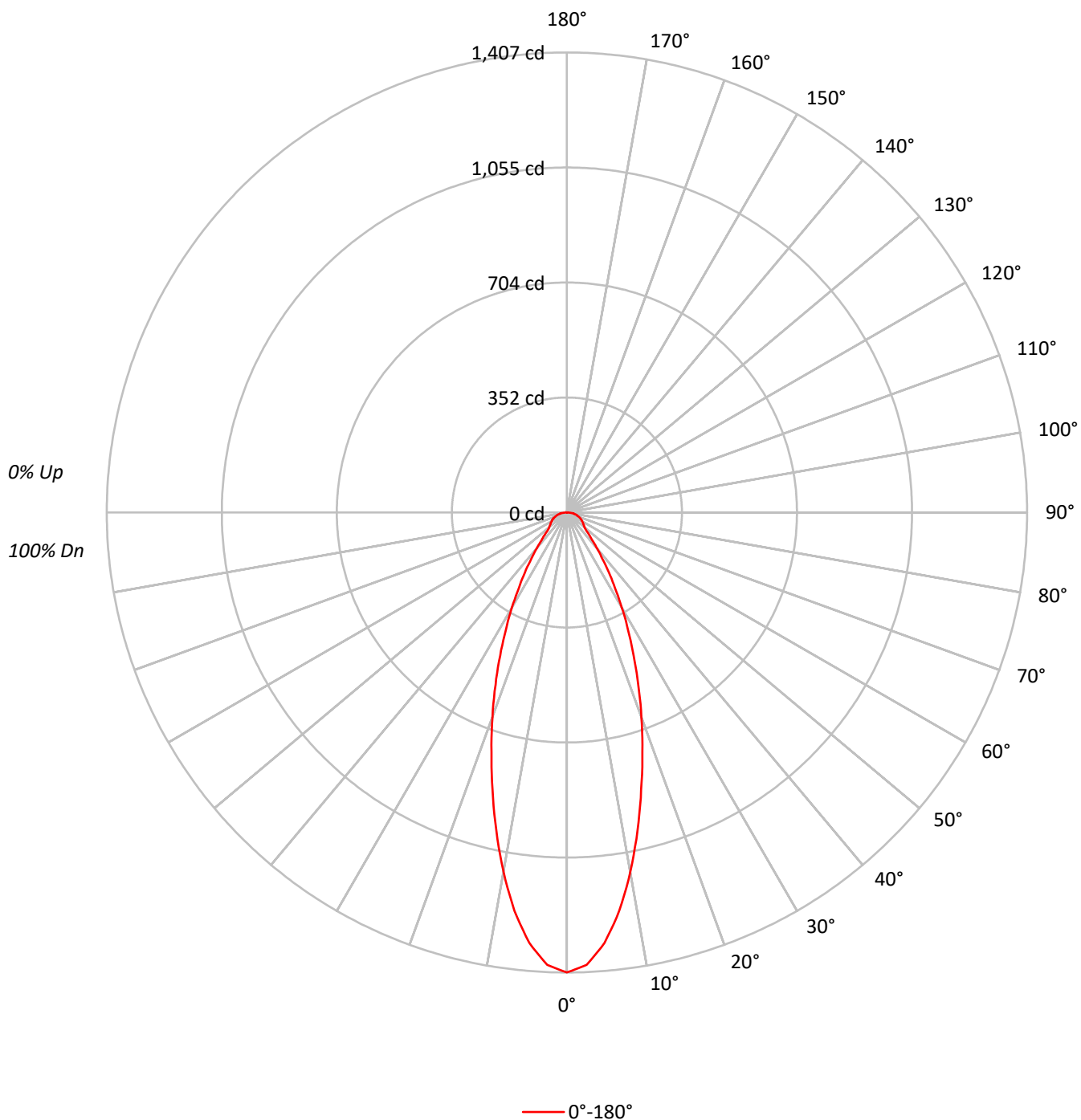
Lumens per Lamp: N/A
Luminaire Lumens: 950.0 lumens
Efficiency: N/A
Efficacy: 33.0 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	76	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	58	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°	308440
5°	290842
10°	248604
15°	199229
20°	155297
25°	116789
30°	85178
35°	60043
40°	41163
45°	29491
50°	24119
55°	23282
60°	23507
65°	24023
70°	25004
75°	26857
80°	27655
85°	30695

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 32760 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.6	12.6
10°-20°	243.9	25.7
20°-30°	222.2	23.4
30°-40°	141.4	14.9
40°-50°	75.7	8.0
50°-60°	55.3	5.8
60°-70°	46.5	4.9
70°-80°	32.5	3.4
80°-90°	12.9	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°	585.6	61.6
0°-40°	727.0	76.5
0°-60°	858.1	90.3
0°-90°	950.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	950.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1407	
5°	1321	120
15°	878	244
25°	483	222
35°	224	141
45°	95	76
55°	61	55
65°	46	46
75°	32	32
85°	12	13
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1406.6
2.5°	1384.7
5°	1321.3
7.5°	1228.7
10°	1116.5
12.5°	997.1
15°	877.6
17.5°	767.9
20°	665.5
22.5°	570.5
25°	482.7
27.5°	404.7
30°	336.4
32.5°	273.0
35°	224.3
37.5°	178.0
40°	143.8
42.5°	114.6
45°	95.1
47.5°	78.0
50°	70.7
52.5°	65.8
55°	60.9
57.5°	58.5
60°	53.6
62.5°	51.2
65°	46.3
67.5°	43.9
70°	39.0
72.5°	34.1
75°	31.7
77.5°	26.8
80°	21.9
82.5°	19.5
85°	12.2
87.5°	4.9
90°	0.0

(END OF REPORT)