

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: P1260838

Luminaire Tested: P3AS20R559050D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260838
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R559050D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

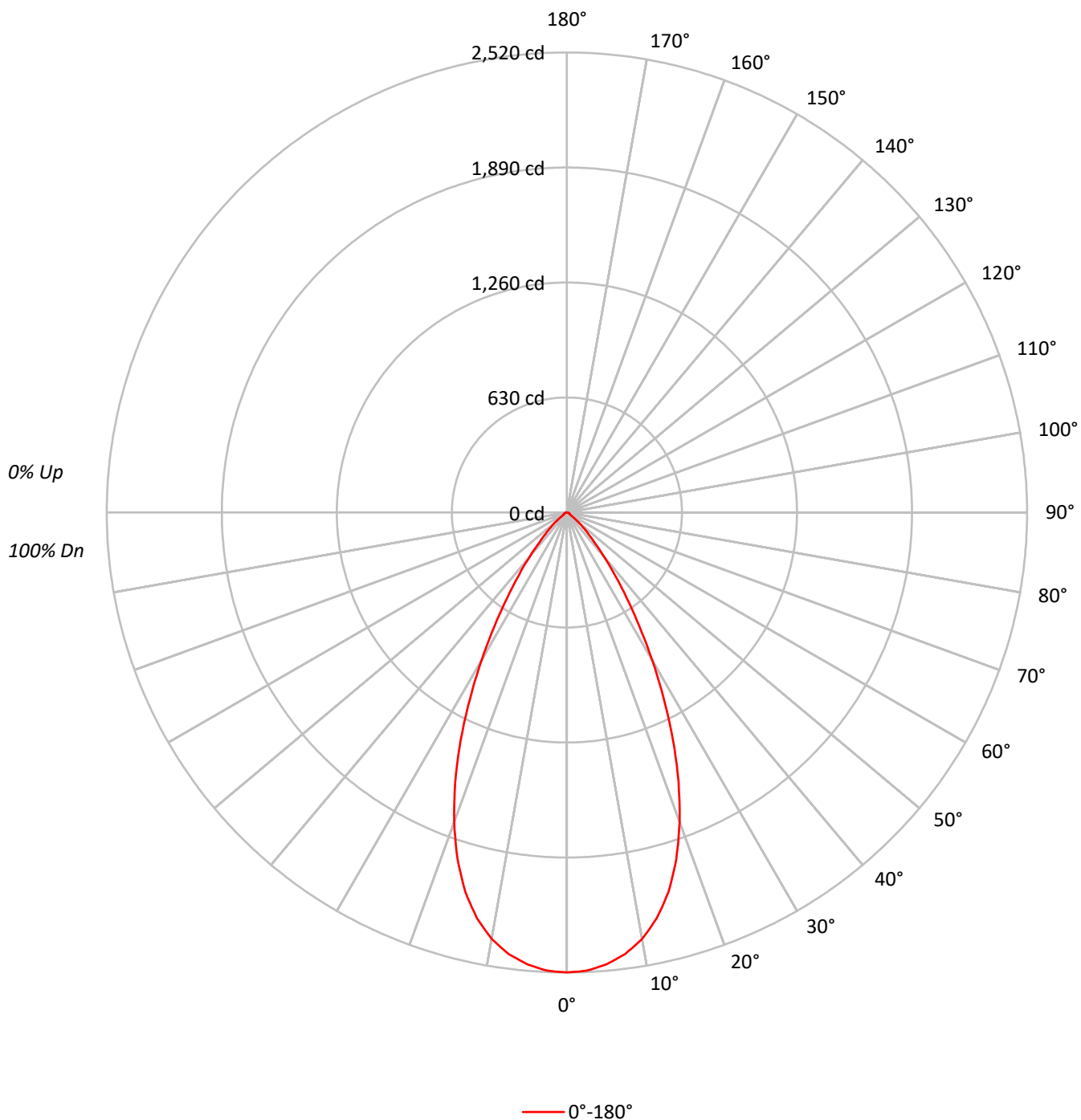
Lumens per Lamp: N/A
Luminaire Lumens: 2011.9 lumens
Efficiency: N/A
Efficacy: 69.9 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	111	108	106		111	108	106	104		104	103	101		101	99	98		97	96	95
2	108	103	99	95		106	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	94	90	86		92	88	85		89	86	84		87	85	82
4	97	90	84	80		95	89	83	79		86	82	78		84	81	78		82	79	77
5	92	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		86	78	73	68		77	72	68		75	71	68		74	70	67
7	84	74	68	64		82	74	68	64		72	67	64		71	67	63		70	66	63
8	80	70	64	60		78	70	64	60		69	63	60		67	63	60		67	62	59
9	76	66	61	57		75	66	60	56		65	60	56		64	59	56		63	59	56
10	73	63	57	53		72	62	57	53		62	57	53		61	56	53		60	56	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	552478
5°	546862
10°	528113
15°	488175
20°	421250
25°	332705
30°	236011
35°	152183
40°	91400
45°	51509
50°	27701
55°	9863
60°	8903
65°	8613
70°	8271
75°	7795
80°	6945
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 51509 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	233.7	11.6
10°-20°	594.6	29.6
20°-30°	623.2	31.0
30°-40°	363.6	18.1
40°-50°	136.0	6.8
50°-60°	32.0	1.6
60°-70°	16.5	0.8
70°-80°	9.7	0.5
80°-90°	2.7	0.1
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°	1451.4	72.1
0°-40°	1815.0	90.2
0°-60°	1983.0	98.6
0°-90°	2011.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2011.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2520	
5°	2484	234
15°	2150	595
25°	1375	623
35°	568	364
45°	166	136
55°	26	32
65°	17	16
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2519.5
2.5°	2512.1
5°	2484.4
7.5°	2440.1
10°	2371.8
12.5°	2275.9
15°	2150.4
17.5°	1991.6
20°	1805.2
22.5°	1596.6
25°	1375.1
27.5°	1148.1
30°	932.1
32.5°	736.5
35°	568.5
37.5°	431.9
40°	319.3
42.5°	228.9
45°	166.1
47.5°	120.0
50°	81.2
52.5°	46.1
55°	25.8
57.5°	22.1
60°	20.3
62.5°	18.5
65°	16.6
67.5°	14.8
70°	12.9
72.5°	11.1
75°	9.2
77.5°	7.4
80°	5.5
82.5°	3.7
85°	1.8
87.5°	1.8
90°	0.0

(END OF REPORT)