

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: P1260697

Luminaire Tested: P3AS20R309050D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260697
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309050D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

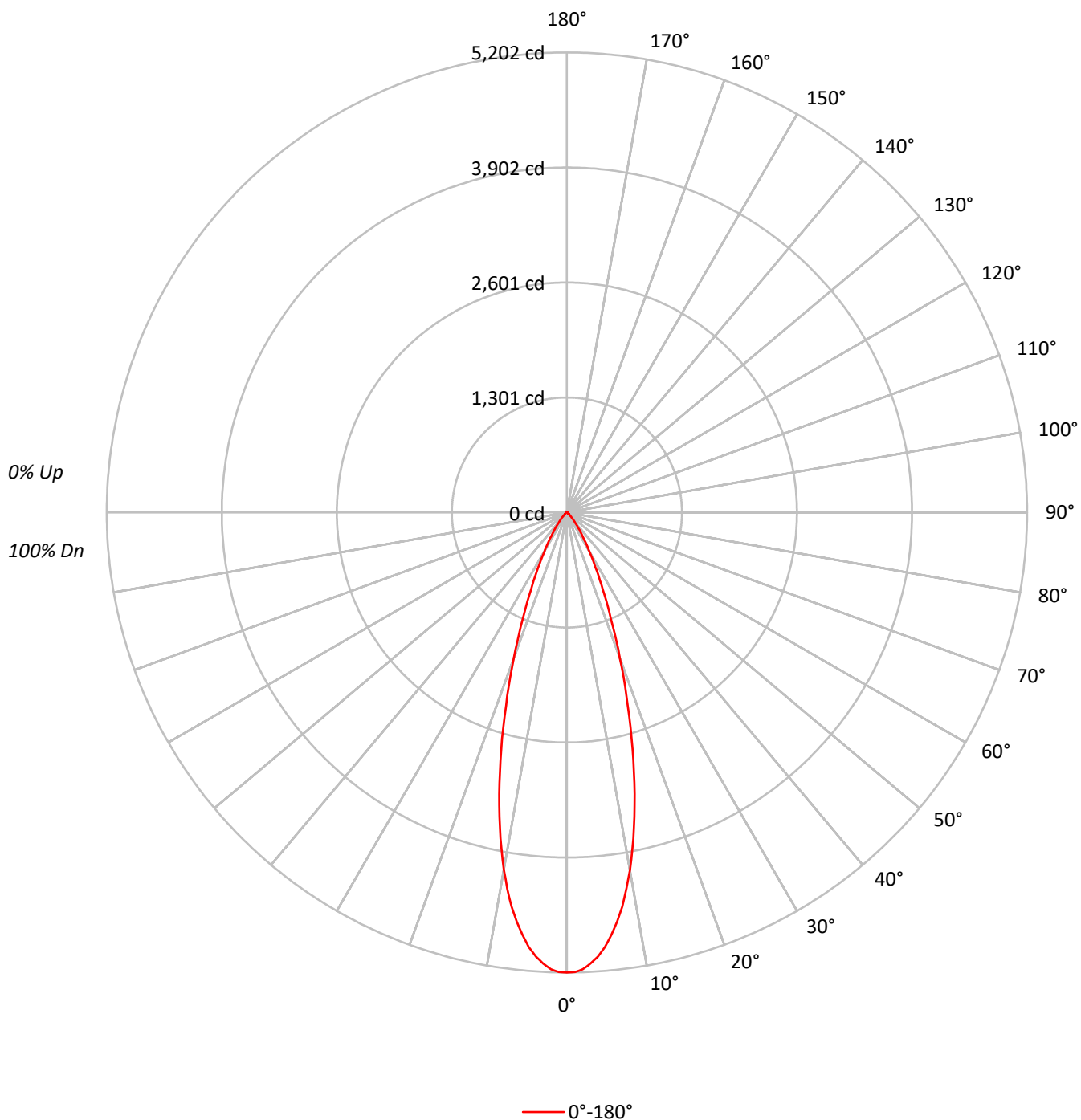
Lumens per Lamp: N/A
Luminaire Lumens: 1954.9 lumens
Efficiency: N/A
Efficacy: 67.9 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1140808
5°	1085800
10°	913321
15°	658642
20°	408556
25°	232344
30°	129058
35°	70189
40°	37012
45°	20033
50°	10712
55°	7073
60°	6491
65°	6693
70°	5898
75°	4660
80°	4672
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20033 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	444.2	22.7
10°-20°	789.6	40.4
20°-30°	456.3	23.3
30°-40°	173.2	8.9
40°-50°	53.1	2.7
50°-60°	17.9	0.9
60°-70°	12.1	0.6
70°-80°	6.6	0.3
80°-90°	2.0	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°	1690.1	86.5
0°-40°	1863.2	95.3
0°-60°	1934.3	98.9
0°-90°	1954.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1954.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5202	
5°	4933	444
15°	2901	790
25°	960	456
35°	262	173
45°	65	53
55°	18	18
65°	13	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5202.5
1°	5198.8
2°	5167.4
3°	5108.3
4°	5034.4
5°	4932.8
6°	4803.6
7°	4659.5
8°	4498.8
9°	4306.8
10°	4101.8
11°	3880.2
12°	3645.6
13°	3400.0
14°	3150.7
15°	2901.3
17.5°	2288.2
20°	1750.8
22.5°	1298.3
25°	960.3
27.5°	698.1
30°	509.7
32.5°	367.5
35°	262.2
37.5°	182.8
40°	129.3
42.5°	90.5
45°	64.6
47.5°	44.3
50°	31.4
52.5°	22.2
55°	18.5
57.5°	16.6
60°	14.8
62.5°	12.9
65°	12.9
67.5°	11.1
70°	9.2
72.5°	7.4
75°	5.5
77.5°	5.5
80°	3.7
82.5°	3.7
85°	1.8
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)