

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: P1255403

Luminaire Tested: P3AS20R309035D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255403
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309035D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

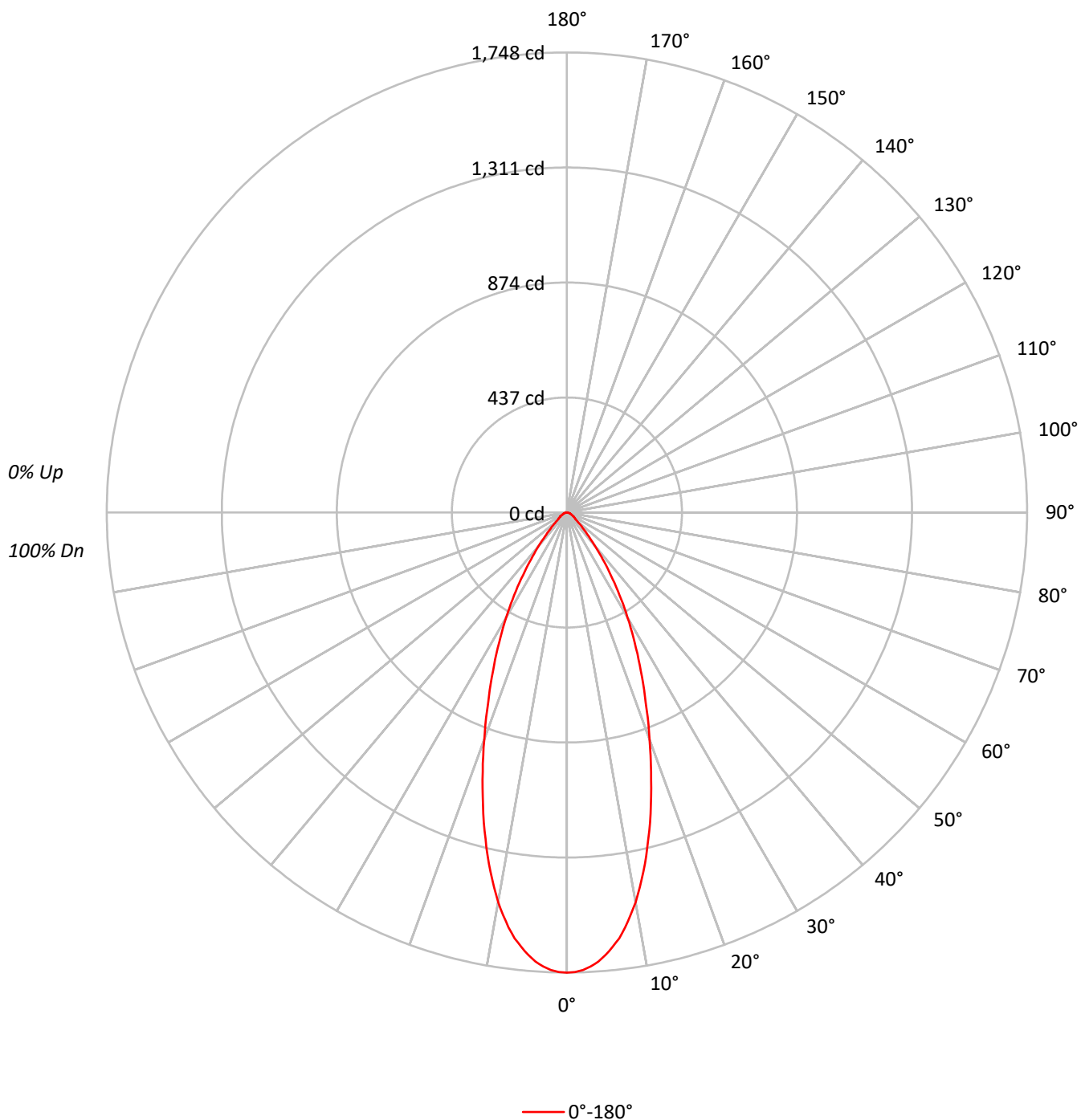
Lumens per Lamp: N/A
Luminaire Lumens: 1122.0 lumens
Efficiency: N/A
Efficacy: 39.0 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	383412
5°	371472
10°	334708
15°	276869
20°	214359
25°	160800
30°	116727
35°	77765
40°	47804
45°	28065
50°	17228
55°	13954
60°	12192
65°	9910
70°	8912
75°	8811
80°	6566
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28065 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.2	13.8
10°-20°	335.9	29.9
20°-30°	305.6	27.2
30°-40°	184.8	16.5
40°-50°	74.1	6.6
50°-60°	32.8	2.9
60°-70°	19.8	1.8
70°-80°	10.8	1.0
80°-90°	3.1	0.3
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°	796.7	71.0
0°-40°	981.5	87.5
0°-60°	1088.3	97.0
0°-90°	1122.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1122.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1748	
5°	1688	155
15°	1220	336
25°	665	306
35°	290	185
45°	90	74
55°	36	33
65°	19	20
75°	10	11
85°	4	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1748.5
1°	1746.7
2°	1739.8
3°	1727.6
4°	1710.2
5°	1687.6
6°	1659.8
7°	1630.2
8°	1591.9
9°	1548.4
10°	1503.2
11°	1451.0
12°	1395.3
13°	1339.6
14°	1278.7
15°	1219.6
17.5°	1064.7
20°	918.6
22.5°	782.9
25°	664.6
27.5°	556.7
30°	461.0
32.5°	372.3
35°	290.5
37.5°	222.7
40°	167.0
42.5°	121.8
45°	90.5
47.5°	67.9
50°	50.5
52.5°	40.0
55°	36.5
57.5°	31.3
60°	27.8
62.5°	22.6
65°	19.1
67.5°	17.4
70°	13.9
72.5°	12.2
75°	10.4
77.5°	8.7
80°	5.2
82.5°	3.5
85°	3.5
87.5°	1.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)