

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: P1276033

Luminaire Tested: P3AS13R209835DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276033
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R209835DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

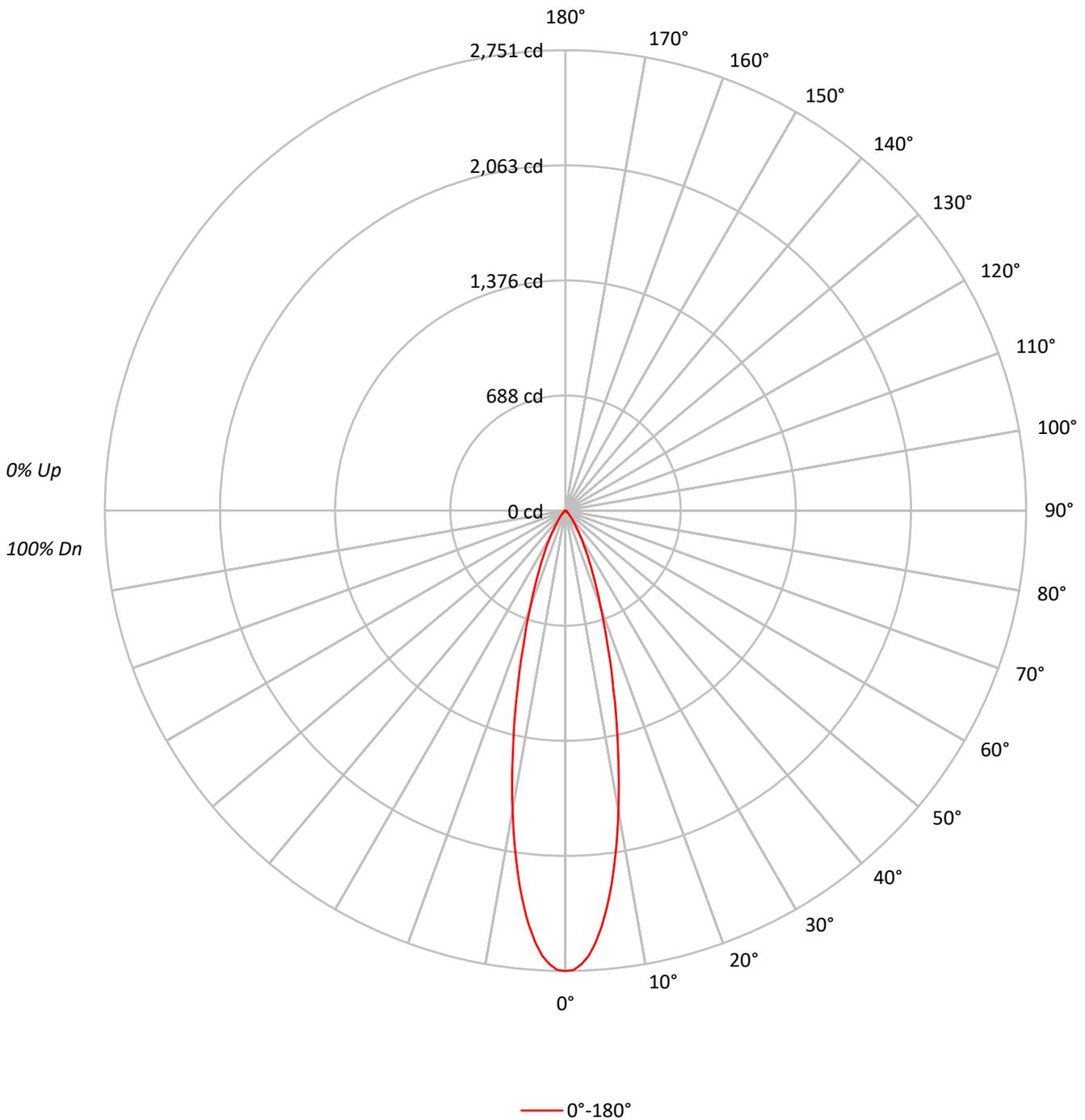
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 784.0 lumens
Efficiency: N/A
Efficacy: 54.1 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95			95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91			91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87			87
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83			83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79			79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76			76
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73			73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71			71
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68			68
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66			66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	603197
5°	548315
10°	405247
15°	250694
20°	143162
25°	81731
30°	45830
35°	24949
40°	13654
45°	7505
50°	4401
55°	3173
60°	2982
65°	2750
70°	2436
75°	2542
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7505 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.7	27.5
10°-20°	307.9	39.3
20°-30°	160.7	20.5
30°-40°	62.1	7.9
40°-50°	20.2	2.6
50°-60°	7.9	1.0
60°-70°	5.2	0.7
70°-80°	3.1	0.4
80°-90°	1.0	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°	684.4	87.3
0°-40°	746.5	95.2
0°-60°	774.6	98.8
0°-90°	784.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	784.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2751	
5°	2491	216
15°	1104	308
25°	338	161
35°	93	62
45°	24	20
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2750.8
1°	2745.5
2°	2712.9
3°	2662.9
4°	2585.7
5°	2491.0
6°	2378.9
7°	2254.7
8°	2110.8
9°	1970.7
10°	1820.0
12.5°	1446.6
15°	1104.3
17.5°	826.3
20°	613.5
22.5°	454.4
25°	337.8
27.5°	249.2
30°	181.0
32.5°	131.0
35°	93.2
37.5°	67.4
40°	47.7
42.5°	34.1
45°	24.2
47.5°	17.4
50°	12.9
52.5°	9.8
55°	8.3
57.5°	7.6
60°	6.8
62.5°	6.1
65°	5.3
67.5°	4.5
70°	3.8
72.5°	3.8
75°	3.0
77.5°	2.3
80°	1.5
82.5°	1.5
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)