

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: P1254553

Luminaire Tested: P3AS13R129035DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254553
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R129035DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

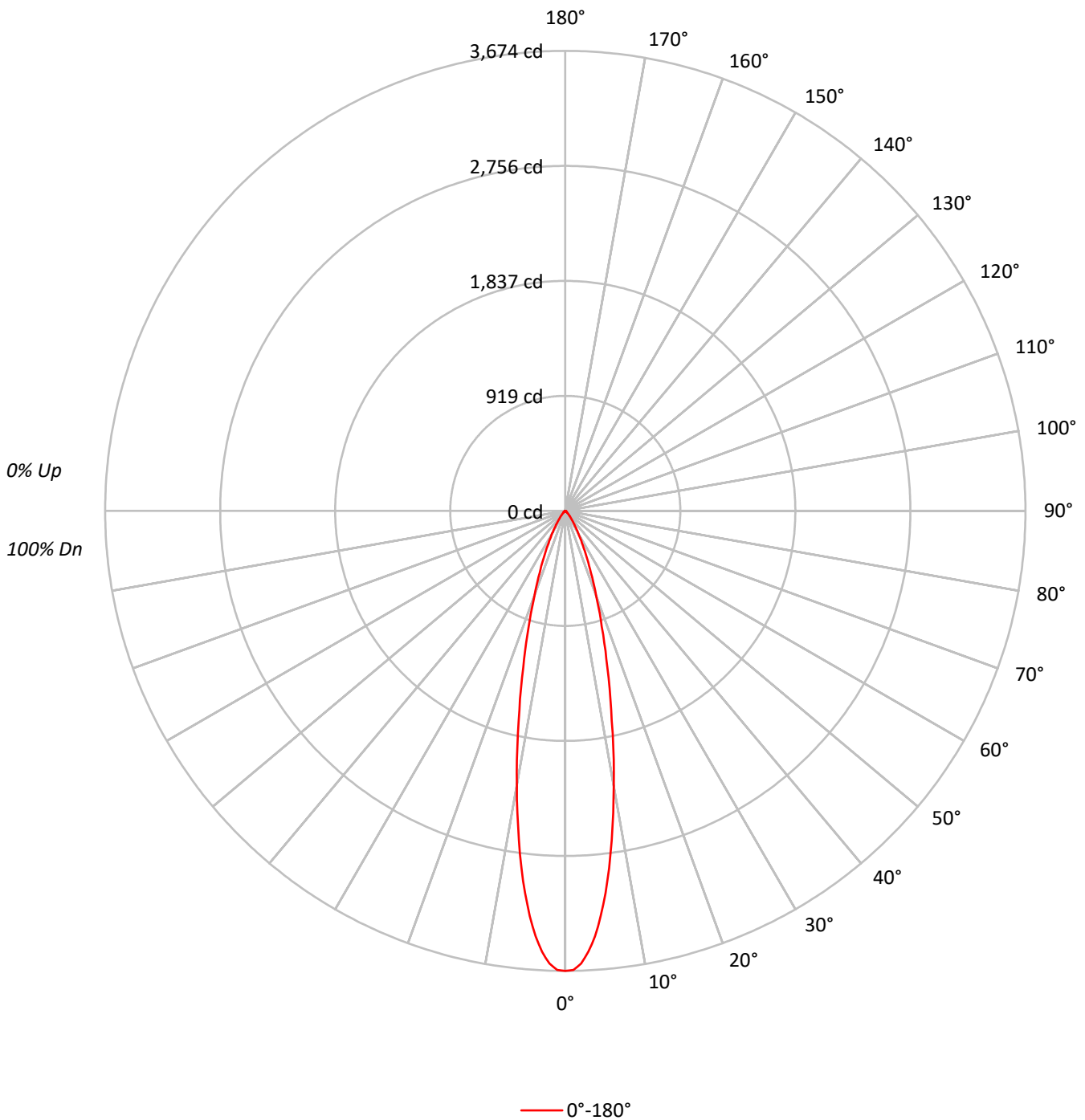
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 943.0 lumens
Efficiency: N/A
Efficacy: 60.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	93	96	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	88	92	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	85	89	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	81	86	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	78	83	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	75	81	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	73	78	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	70	76	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	68	74	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	805571
5°	715054
10°	496584
15°	293668
20°	167268
25°	95618
30°	52894
35°	28215
40°	15601
45°	8466
50°	5254
55°	4167
60°	3596
65°	3321
70°	2885
75°	3050
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8466 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	276.2	29.3
10°-20°	364.6	38.7
20°-30°	187.7	19.9
30°-40°	70.5	7.5
40°-50°	23.1	2.4
50°-60°	9.9	1.1
60°-70°	6.3	0.7
70°-80°	3.7	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°	828.5	87.9
0°-40°	899.0	95.3
0°-60°	932.0	98.8
0°-90°	943.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	943.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3674	
5°	3248	276
15°	1294	365
25°	395	188
35°	105	70
45°	27	23
55°	11	10
65°	6	6
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3673.7
1°	3666.4
2°	3618.3
3°	3526.5
4°	3405.7
5°	3248.5
6°	3070.5
7°	2875.2
8°	2658.1
9°	2443.7
10°	2230.2
12.5°	1716.0
15°	1293.6
17.5°	968.4
20°	716.8
22.5°	535.1
25°	395.2
27.5°	288.0
30°	208.9
32.5°	148.1
35°	105.4
37.5°	75.4
40°	54.5
42.5°	39.1
45°	27.3
47.5°	20.0
50°	15.4
52.5°	12.7
55°	10.9
57.5°	9.1
60°	8.2
62.5°	7.3
65°	6.4
67.5°	5.5
70°	4.5
72.5°	4.5
75°	3.6
77.5°	2.7
80°	1.8
82.5°	1.8
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)