

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: P1275712

Luminaire Tested: P3AS09R259835DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275712
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259835DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

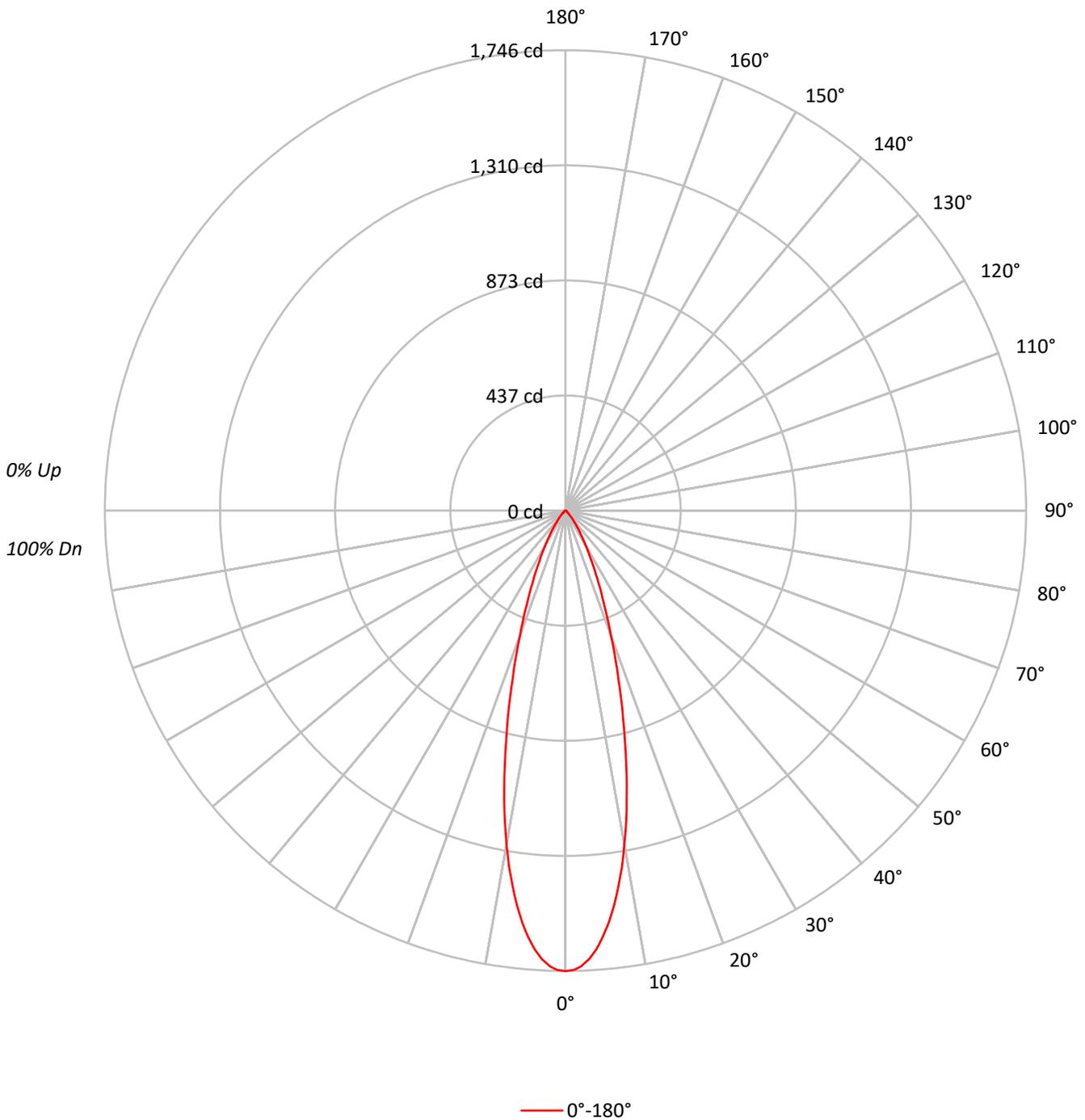
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 597.0 lumens
Efficiency: N/A
Efficacy: 54.3 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
Input Voltage (V): NR
Input Current (A_{in}): 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	100	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	94
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	88	85
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	82	78
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	79	75
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	76	73
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	73	70
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	71	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	382952
5°	357296
10°	286212
15°	194280
20°	117564
25°	68738
30°	39145
35°	21522
40°	11421
45°	6016
50°	3514
55°	2600
60°	2237
65°	2387
70°	2180
75°	1949
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6016 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.0	24.1
10°-20°	235.3	39.4
20°-30°	134.4	22.5
30°-40°	53.0	8.9
40°-50°	16.3	2.7
50°-60°	6.4	1.1
60°-70°	4.3	0.7
70°-80°	2.4	0.4
80°-90°	0.8	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°	513.8	86.1
0°-40°	566.8	94.9
0°-60°	589.5	98.7
0°-90°	597.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	597.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1746	
5°	1623	144
15°	856	235
25°	284	134
35°	80	53
45°	19	16
55°	7	6
65°	5	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1746.4
1°	1743.0
2°	1728.7
3°	1703.6
4°	1668.8
5°	1623.2
6°	1569.5
7°	1509.1
8°	1438.9
9°	1367.0
10°	1285.4
11°	1205.0
12°	1116.5
13°	1029.2
14°	939.7
15°	855.8
17.5°	663.5
20°	503.8
22.5°	378.3
25°	284.1
27.5°	210.5
30°	154.6
32.5°	111.8
35°	80.4
37.5°	57.1
40°	39.9
42.5°	27.4
45°	19.4
47.5°	13.7
50°	10.3
52.5°	8.0
55°	6.8
57.5°	6.3
60°	5.1
62.5°	4.6
65°	4.6
67.5°	4.0
70°	3.4
72.5°	2.9
75°	2.3
77.5°	1.7
80°	1.1
82.5°	1.1
85°	0.6
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)