

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: P1258383

Luminaire Tested: P3AS24R209040D010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258383
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: P3AS24R209040D010 E3DL1H
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

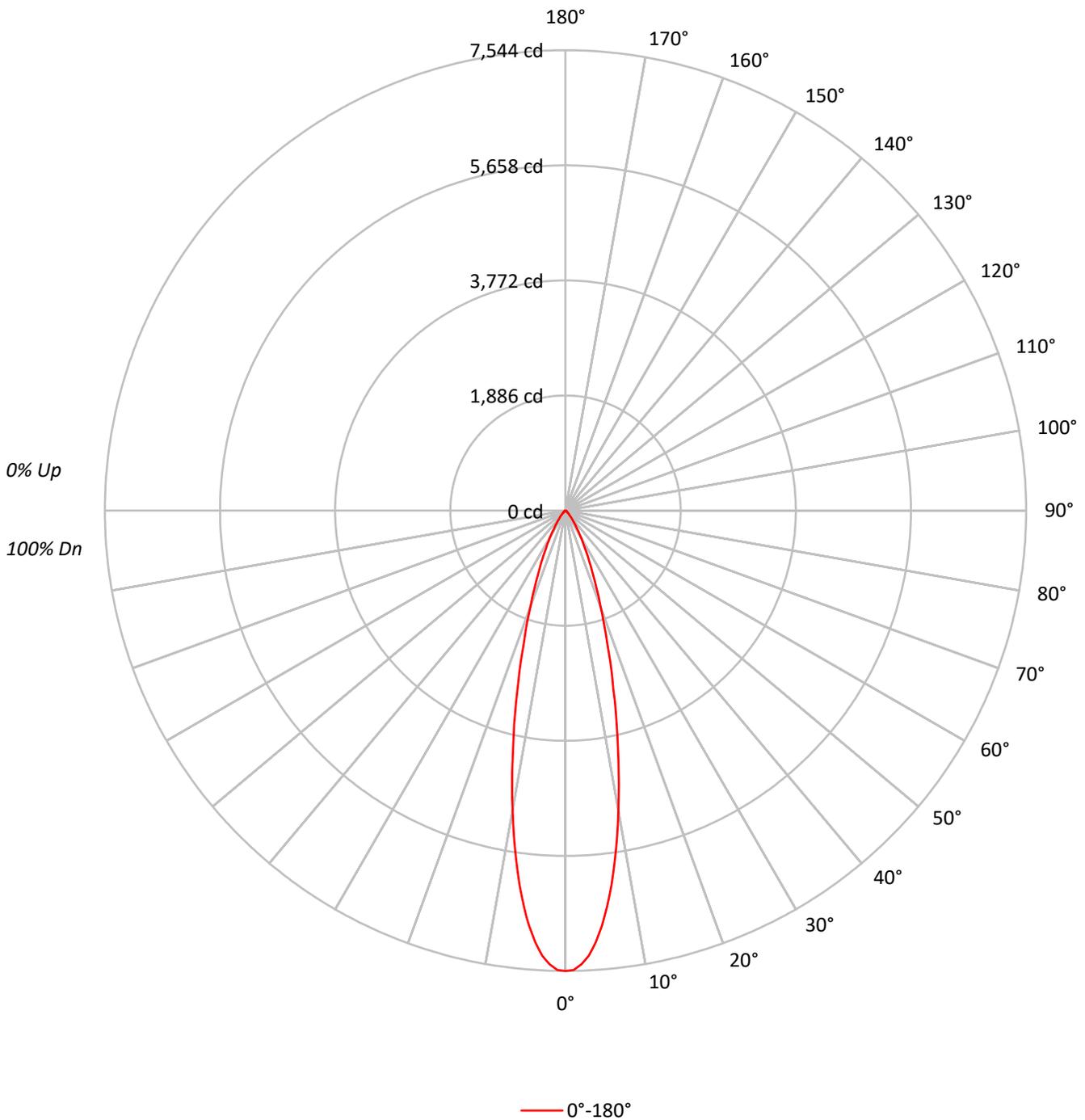
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2150.1 lumens
Efficiency: N/A
Efficacy: 74.7 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): 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			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°	1654188
5°	1503694
10°	1111313
15°	687473
20°	392594
25°	224118
30°	125690
35°	68395
40°	37470
45°	20622
50°	12042
55°	8717
60°	8201
65°	7524
70°	6668
75°	7032
80°	5304
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 20622 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	591.6	27.5
10°-20°	844.5	39.3
20°-30°	440.8	20.5
30°-40°	170.5	7.9
40°-50°	55.3	2.6
50°-60°	21.8	1.0
60°-70°	14.4	0.7
70°-80°	8.5	0.4
80°-90°	2.9	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°	1876.8	87.3
0°-40°	2047.2	95.2
0°-60°	2124.3	98.8
0°-90°	2150.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2150.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7544	
5°	6831	592
15°	3028	844
25°	926	441
35°	256	170
45°	66	55
55°	23	22
65°	14	14
75°	8	8
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	7543.7
1°	7529.1
2°	7439.8
3°	7302.7
4°	7090.9
5°	6831.3
6°	6523.9
7°	6183.2
8°	5788.6
9°	5404.4
10°	4991.0
12.5°	3967.1
15°	3028.3
17.5°	2266.0
20°	1682.4
22.5°	1246.2
25°	926.3
27.5°	683.3
30°	496.4
32.5°	359.3
35°	255.5
37.5°	184.9
40°	130.9
42.5°	93.5
45°	66.5
47.5°	47.8
50°	35.3
52.5°	27.0
55°	22.8
57.5°	20.8
60°	18.7
62.5°	16.6
65°	14.5
67.5°	12.5
70°	10.4
72.5°	10.4
75°	8.3
77.5°	6.2
80°	4.2
82.5°	4.2
85°	2.1
87.5°	2.1
90°	0.0

(END OF REPORT)