

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: P1263375

Luminaire Tested: P3AS20R259727D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263375
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: P3AS20R259727D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

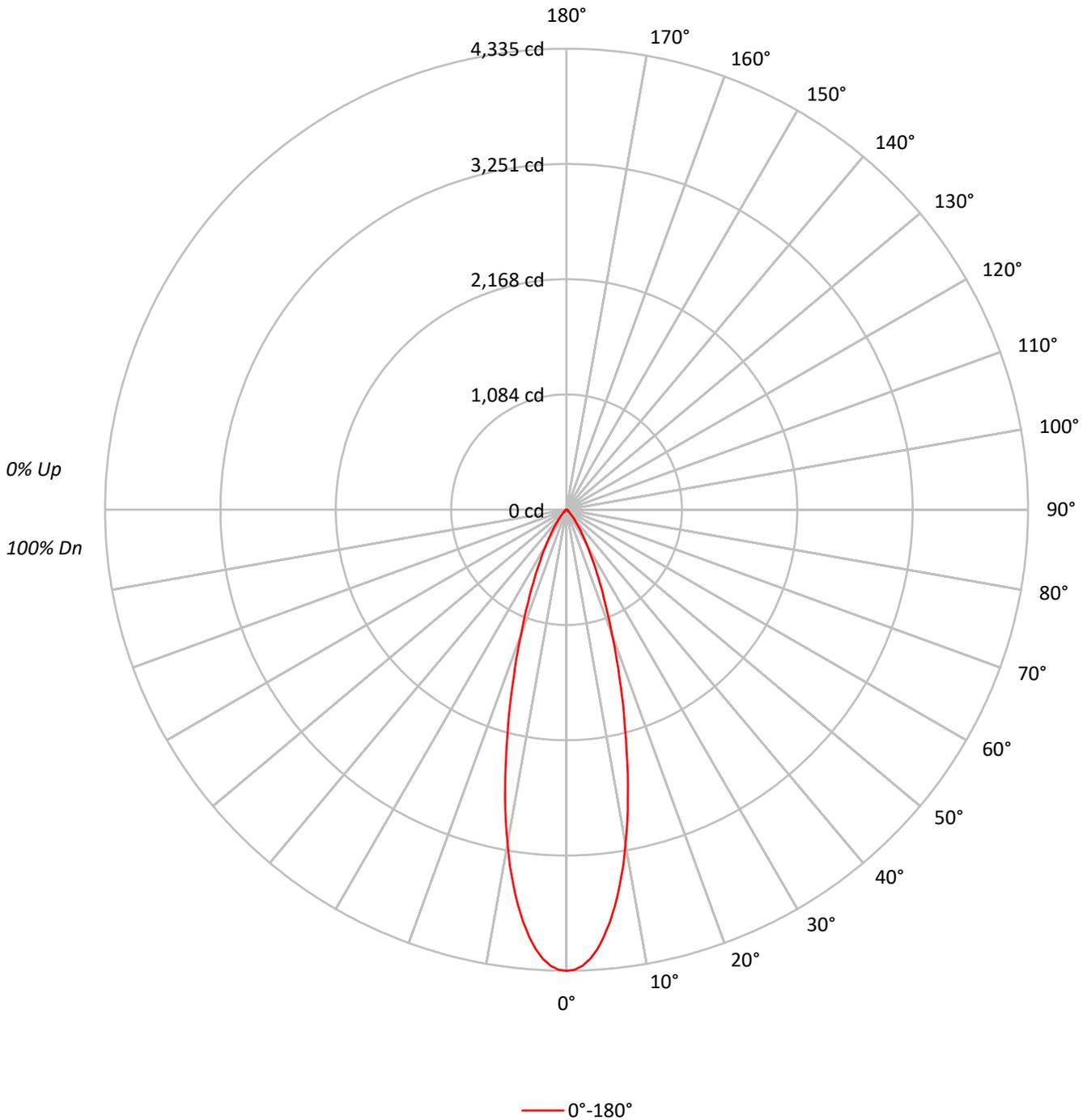
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1481.9 lumens
Efficiency: N/A
Efficacy: 51.5 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): 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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	85	83	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	86	83	81	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82	79	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	82	78	76	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	79	75	73	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	73	70	67	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	950648
5°	886945
10°	710497
15°	482296
20°	291832
25°	170647
30°	97180
35°	53458
40°	28367
45°	14947
50°	8699
55°	6499
60°	5570
65°	5863
70°	5450
75°	4829
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14947 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	357.6	24.1
10°-20°	584.1	39.4
20°-30°	333.7	22.5
30°-40°	131.7	8.9
40°-50°	40.4	2.7
50°-60°	15.9	1.1
60°-70°	10.7	0.7
70°-80°	6.0	0.4
80°-90°	1.9	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°	1275.4	86.1
0°-40°	1407.1	94.9
0°-60°	1463.4	98.7
0°-90°	1481.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1481.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4335	
5°	4029	358
15°	2124	584
25°	705	334
35°	200	132
45°	48	40
55°	17	16
65°	11	11
75°	6	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4335.3
1°	4326.8
2°	4291.4
3°	4229.1
4°	4142.7
5°	4029.4
6°	3896.2
7°	3746.1
8°	3571.9
9°	3393.5
10°	3190.9
11°	2991.2
12°	2771.7
13°	2555.0
14°	2332.6
15°	2124.5
17.5°	1647.2
20°	1250.6
22.5°	939.0
25°	705.3
27.5°	522.6
30°	383.8
32.5°	277.6
35°	199.7
37.5°	141.6
40°	99.1
42.5°	68.0
45°	48.2
47.5°	34.0
50°	25.5
52.5°	19.8
55°	17.0
57.5°	15.6
60°	12.7
62.5°	11.3
65°	11.3
67.5°	9.9
70°	8.5
72.5°	7.1
75°	5.7
77.5°	4.2
80°	2.8
82.5°	2.8
85°	1.4
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)