

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: P1274679

Luminaire Tested: P3AS20R259830D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274679
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: P3AS20R259830D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

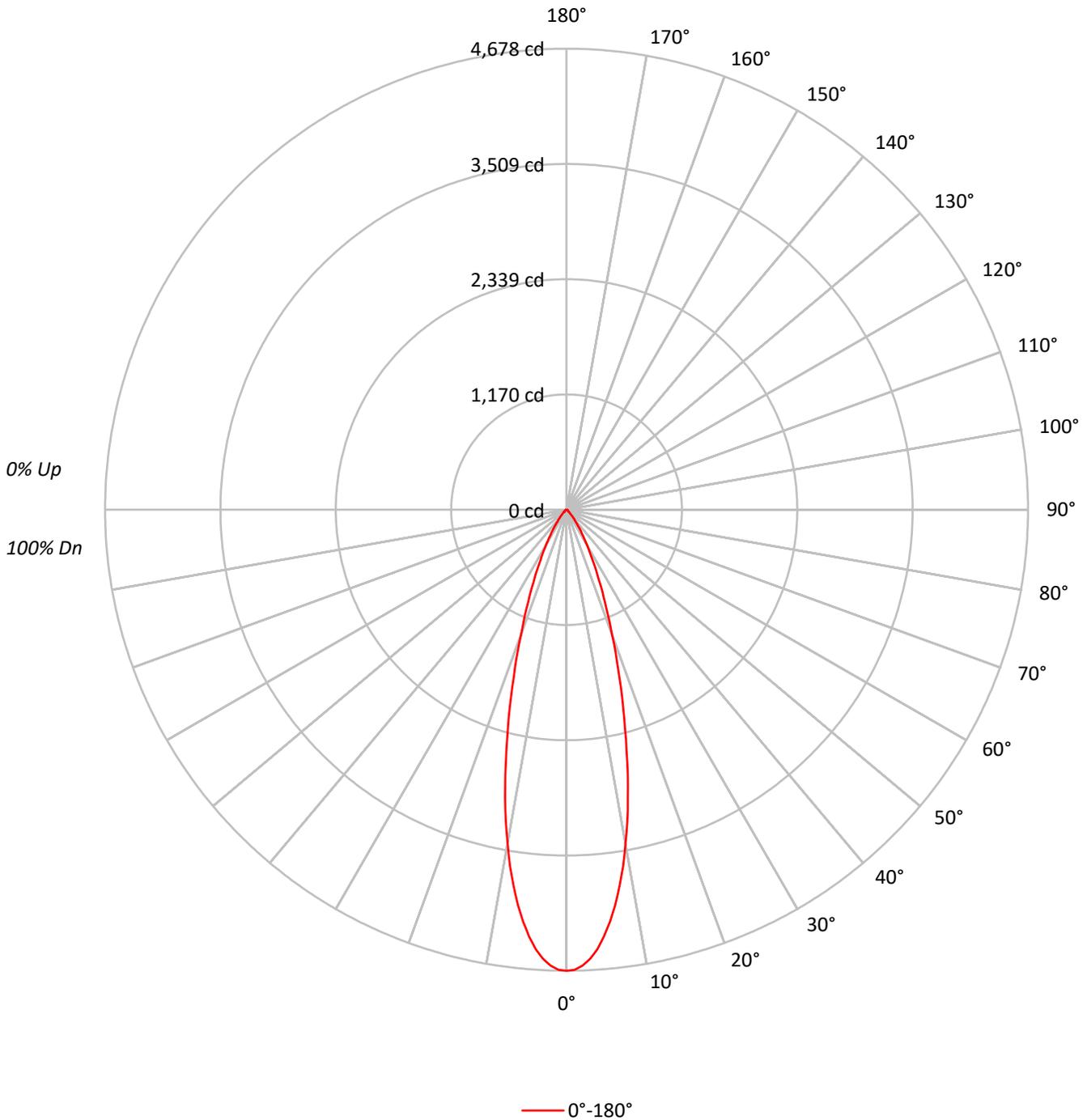
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1599.0 lumens
Efficiency: N/A
Efficacy: 58.4 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): 27.4
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	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	75	75	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	72	72	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	66	66	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	64	64	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1025707
5°	956964
10°	766586
15°	520366
20°	314864
25°	184124
30°	104852
35°	57688
40°	30629
45°	16126
50°	9381
55°	6996
60°	6052
65°	6330
70°	5898
75°	5168
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16126 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	385.8	24.1
10°-20°	630.2	39.4
20°-30°	360.1	22.5
30°-40°	142.1	8.9
40°-50°	43.6	2.7
50°-60°	17.2	1.1
60°-70°	11.5	0.7
70°-80°	6.4	0.4
80°-90°	2.1	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°	1376.1	86.1
0°-40°	1518.2	94.9
0°-60°	1578.9	98.7
0°-90°	1599.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1599.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4678	
5°	4348	386
15°	2292	630
25°	761	360
35°	216	142
45°	52	44
55°	18	17
65°	12	12
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4677.6
1°	4668.4
2°	4630.2
3°	4563.0
4°	4469.7
5°	4347.5
6°	4203.8
7°	4041.9
8°	3853.9
9°	3661.4
10°	3442.8
11°	3227.4
12°	2990.5
13°	2756.7
14°	2516.8
15°	2292.2
17.5°	1777.2
20°	1349.3
22.5°	1013.1
25°	761.0
27.5°	563.9
30°	414.1
32.5°	299.5
35°	215.5
37.5°	152.8
40°	107.0
42.5°	73.3
45°	52.0
47.5°	36.7
50°	27.5
52.5°	21.4
55°	18.3
57.5°	16.8
60°	13.8
62.5°	12.2
65°	12.2
67.5°	10.7
70°	9.2
72.5°	7.6
75°	6.1
77.5°	4.6
80°	3.1
82.5°	3.1
85°	1.5
87.5°	1.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)