

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: P1275711

Luminaire Tested: P3AS09R259835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275711
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 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

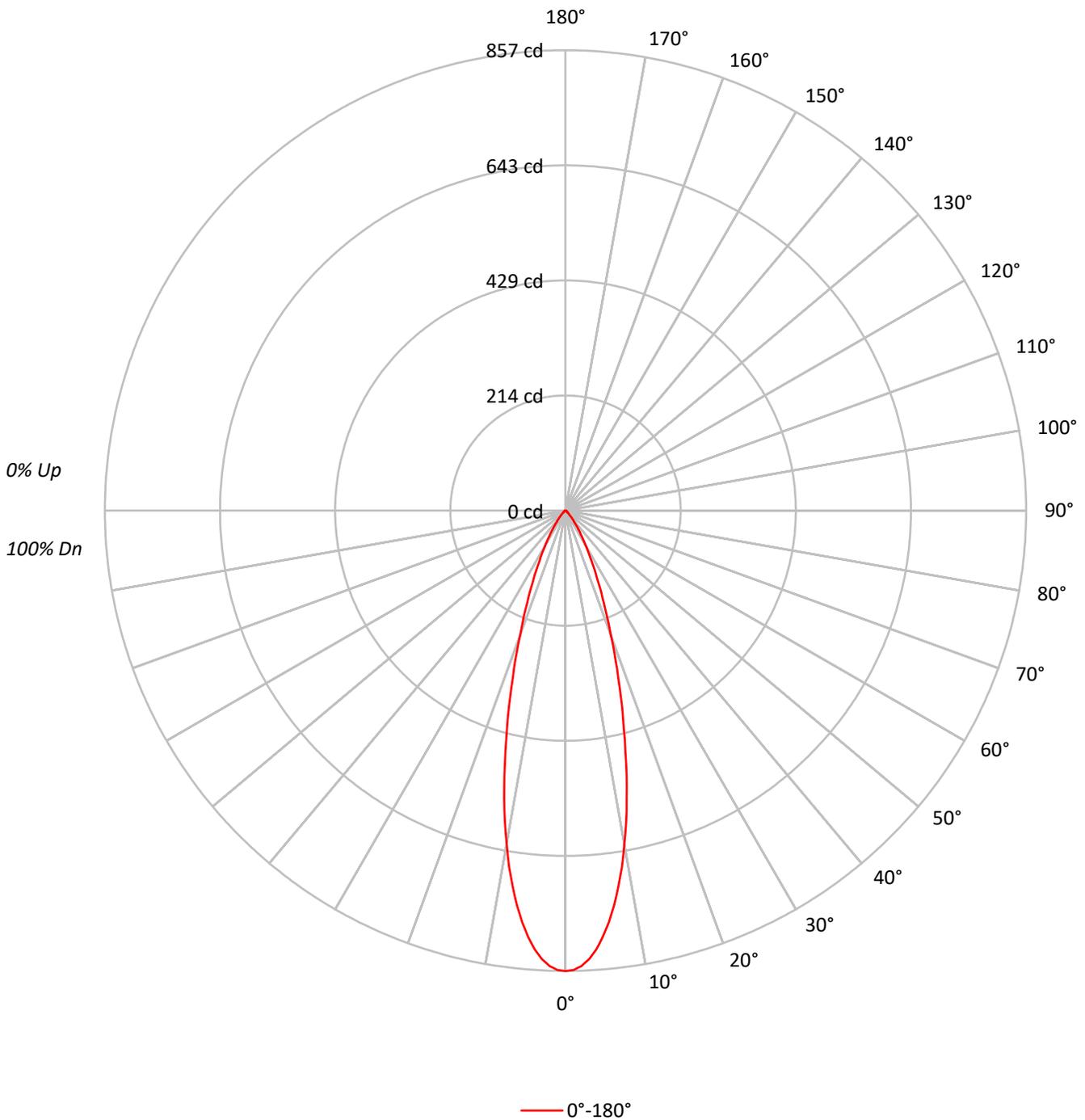
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 293.0 lumens
Efficiency: N/A
Efficacy: 26.6 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 (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°	187945
5°	175346
10°	140478
15°	95347
20°	57685
25°	33728
30°	19218
35°	10574
40°	5611
45°	2946
50°	1706
55°	1300
60°	1096
65°	1141
70°	1090
75°	932
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2946 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.7	24.1
10°-20°	115.5	39.4
20°-30°	66.0	22.5
30°-40°	26.0	8.9
40°-50°	8.0	2.7
50°-60°	3.2	1.1
60°-70°	2.1	0.7
70°-80°	1.2	0.4
80°-90°	0.4	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°	252.1	86.1
0°-40°	278.2	94.9
0°-60°	289.3	98.7
0°-90°	293.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	293.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	857	
5°	797	71
15°	420	115
25°	139	66
35°	40	26
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	857.1
1°	855.4
2°	848.4
3°	836.1
4°	819.0
5°	796.6
6°	770.3
7°	740.6
8°	706.2
9°	670.9
10°	630.9
11°	591.4
12°	548.0
13°	505.1
14°	461.2
15°	420.0
17.5°	325.7
20°	247.2
22.5°	185.6
25°	139.4
27.5°	103.3
30°	75.9
32.5°	54.9
35°	39.5
37.5°	28.0
40°	19.6
42.5°	13.4
45°	9.5
47.5°	6.7
50°	5.0
52.5°	3.9
55°	3.4
57.5°	3.1
60°	2.5
62.5°	2.2
65°	2.2
67.5°	2.0
70°	1.7
72.5°	1.4
75°	1.1
77.5°	0.8
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)