

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: P1275857

Luminaire Tested: P3AS09R509835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275857
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R509835DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

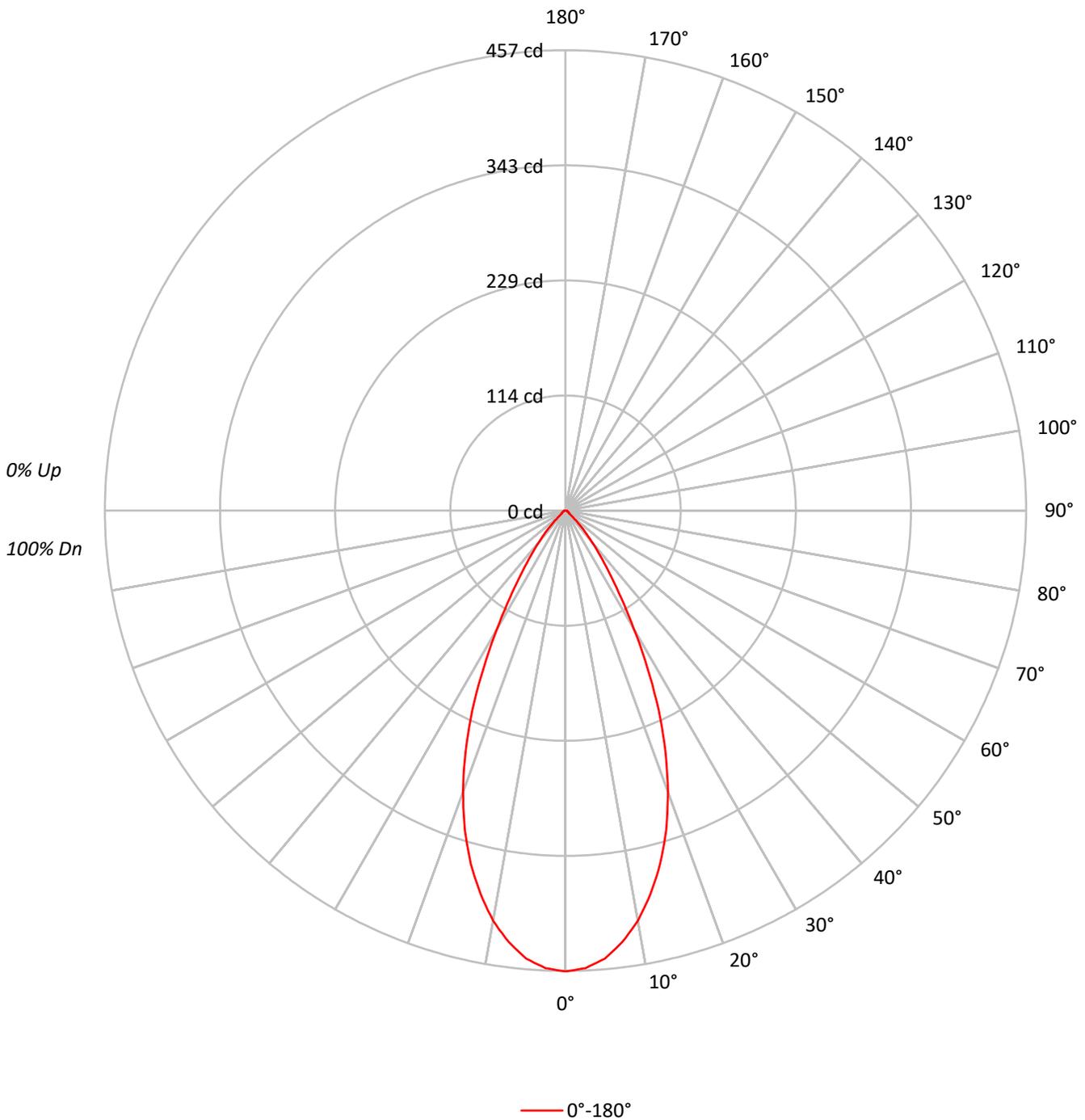
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 315.0 lumens
Efficiency: N/A
Efficacy: 28.6 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
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				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	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94				94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87				87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82				82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	80	78	76				76
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72				72
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	75	72	69	67				67
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64				64
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60				60
9	78	68	63	59	76	68	62	59	67	62	59	66	62	58	65	61	58	57				57
10	74	65	59	56	73	65	59	56	64	59	55	63	58	55	62	58	55	54				54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	100299
5°	98261
10°	92049
15°	82407
20°	69353
25°	52914
30°	34385
35°	20398
40°	11794
45°	5892
50°	2183
55°	1720
60°	1579
65°	1453
70°	1410
75°	1440
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5892 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.5	13.2
10°-20°	100.4	31.9
20°-30°	98.5	31.3
30°-40°	49.6	15.8
40°-50°	15.7	5.0
50°-60°	4.1	1.3
60°-70°	2.9	0.9
70°-80°	1.8	0.6
80°-90°	0.6	0.2
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°	240.4	76.3
0°-40°	290.0	92.1
0°-60°	309.7	98.3
0°-90°	315.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	315.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	457	
5°	446	42
15°	363	100
25°	219	98
35°	76	50
45°	19	16
55°	4	4
65°	3	3
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	457.4
2.5°	454.6
5°	446.4
7.5°	431.9
10°	413.4
12.5°	389.6
15°	363.0
17.5°	332.2
20°	297.2
22.5°	259.3
25°	218.7
27.5°	175.6
30°	135.8
32.5°	102.2
35°	76.2
37.5°	56.3
40°	41.2
42.5°	29.1
45°	19.0
47.5°	10.9
50°	6.4
52.5°	4.8
55°	4.5
57.5°	3.9
60°	3.6
62.5°	3.4
65°	2.8
67.5°	2.5
70°	2.2
72.5°	2.0
75°	1.7
77.5°	1.4
80°	1.1
82.5°	0.8
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)