

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: P1258843

Luminaire Tested: P3AS02R309050DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258843
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309050DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

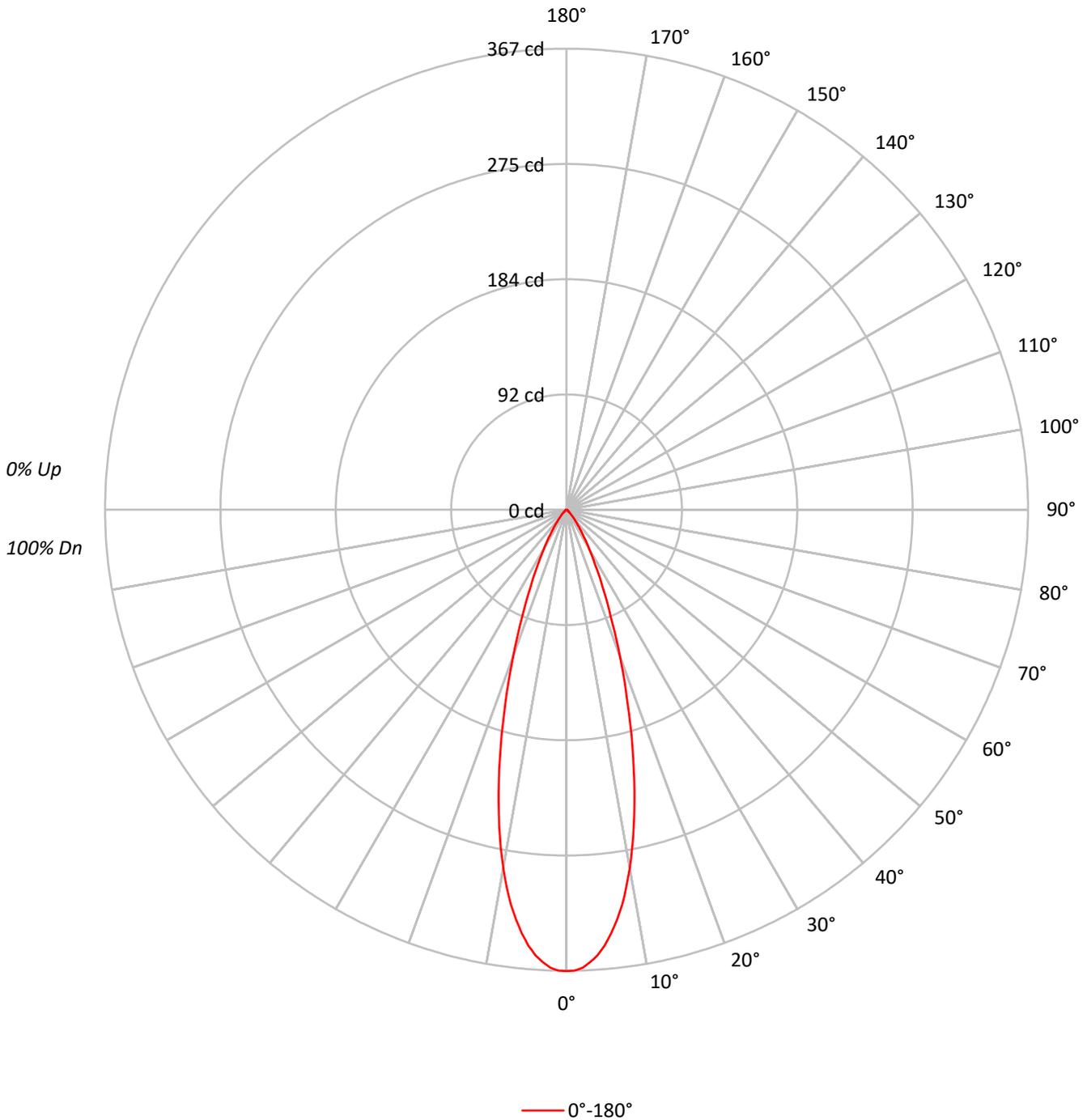
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 138.0 lumens
Efficiency: N/A
Efficacy: 38.3 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	97	97	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	92	92	92	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	87	87	87	86
4	101	95	90	86	99	94	89	86	92	88	85	90	87	84	88	85	83	83	83	83	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	79	79	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	76	76	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	78	75	73	73	73	73	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	70	70	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	67	67	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	65	65	65	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	80520
5°	76645
10°	64461
15°	46493
20°	28843
25°	16404
30°	9115
35°	4952
40°	2605
45°	1427
50°	751
55°	497
60°	439
65°	467
70°	449
75°	339
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1427 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.4	22.7
10°-20°	55.7	40.4
20°-30°	32.2	23.3
30°-40°	12.2	8.9
40°-50°	3.8	2.7
50°-60°	1.3	0.9
60°-70°	0.9	0.6
70°-80°	0.5	0.3
80°-90°	0.1	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°	119.3	86.4
0°-40°	131.5	95.3
0°-60°	136.5	98.9
0°-90°	138.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	138.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	367	
5°	348	31
15°	205	56
25°	68	32
35°	18	12
45°	5	4
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	367.2
1°	367.0
2°	364.8
3°	360.6
4°	355.4
5°	348.2
6°	339.1
7°	328.9
8°	317.6
9°	304.0
10°	289.5
11°	273.9
12°	257.3
13°	240.0
14°	222.4
15°	204.8
17.5°	161.5
20°	123.6
22.5°	91.6
25°	67.8
27.5°	49.3
30°	36.0
32.5°	25.9
35°	18.5
37.5°	12.9
40°	9.1
42.5°	6.4
45°	4.6
47.5°	3.1
50°	2.2
52.5°	1.6
55°	1.3
57.5°	1.2
60°	1.0
62.5°	0.9
65°	0.9
67.5°	0.8
70°	0.7
72.5°	0.5
75°	0.4
77.5°	0.4
80°	0.3
82.5°	0.3
85°	0.1
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)