

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: P1254260

Luminaire Tested: P3AS09R309035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254260
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: P3AS09R309035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

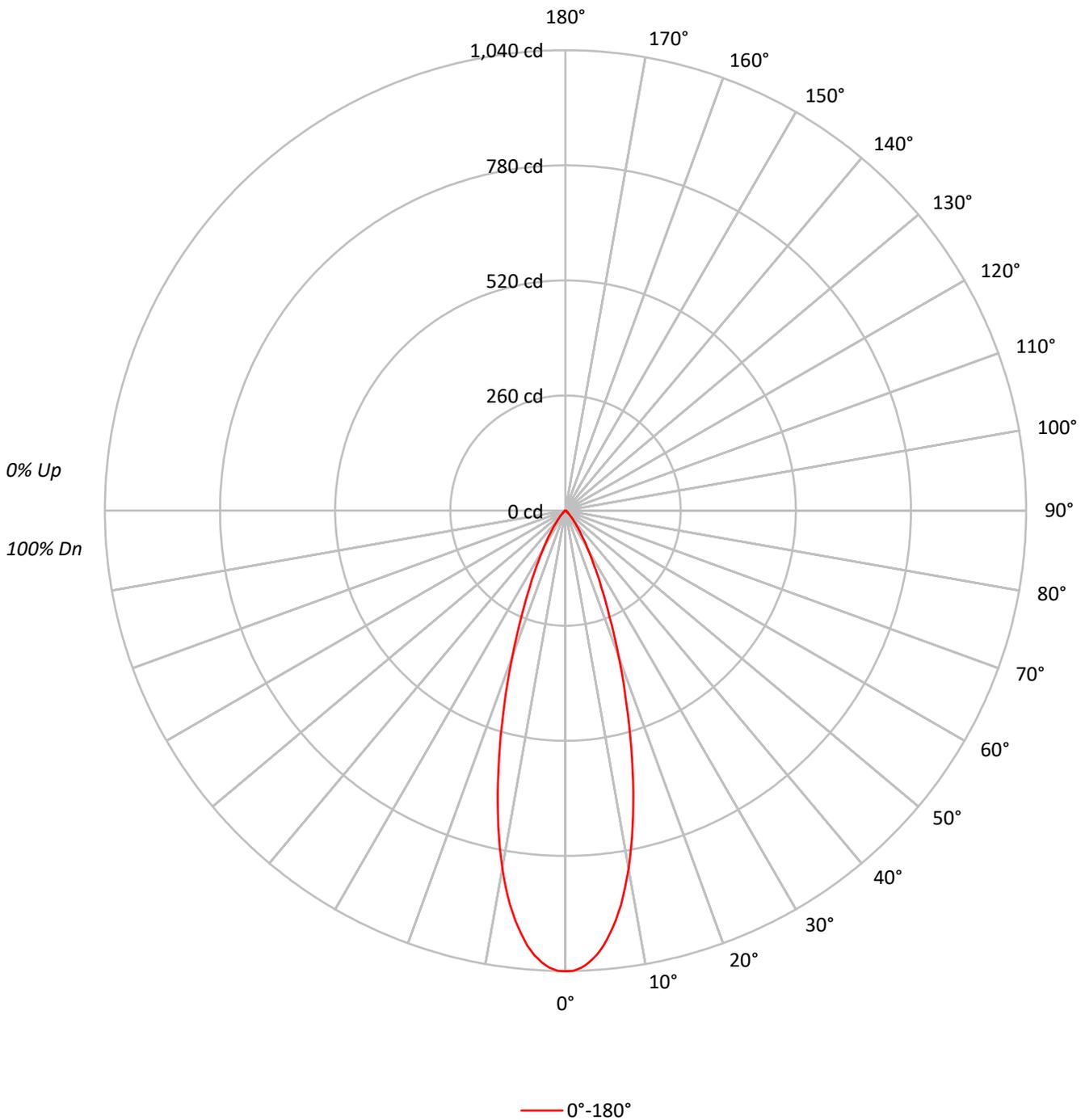
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 391.0 lumens
Efficiency: N/A
Efficacy: 35.2 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): 11.1
Input Voltage (V): NR
Input Current (A_{in}): 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	85	81	77	84	80	77	83	79	76	81	78	76	75	75	75	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	71	71	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	69	69	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	66	66	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	63	63	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	228162
5°	217169
10°	182673
15°	131737
20°	81720
25°	46478
30°	25801
35°	14027
40°	7414
45°	4000
50°	2149
55°	1415
60°	1316
65°	1349
70°	1154
75°	932
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4000 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.8	22.7
10°-20°	157.9	40.4
20°-30°	91.3	23.3
30°-40°	34.6	8.9
40°-50°	10.6	2.7
50°-60°	3.6	0.9
60°-70°	2.4	0.6
70°-80°	1.3	0.3
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°	338.0	86.5
0°-40°	372.7	95.3
0°-60°	386.9	98.9
0°-90°	391.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	391.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1040	
5°	987	89
15°	580	158
25°	192	91
35°	52	35
45°	13	11
55°	4	4
65°	3	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1040.5
1°	1039.8
2°	1033.5
3°	1021.7
4°	1006.9
5°	986.6
6°	960.7
7°	931.9
8°	899.8
9°	861.4
10°	820.4
11°	776.0
12°	729.1
13°	680.0
14°	630.1
15°	580.3
17.5°	457.6
20°	350.2
22.5°	259.7
25°	192.1
27.5°	139.6
30°	101.9
32.5°	73.5
35°	52.4
37.5°	36.6
40°	25.9
42.5°	18.1
45°	12.9
47.5°	8.9
50°	6.3
52.5°	4.4
55°	3.7
57.5°	3.3
60°	3.0
62.5°	2.6
65°	2.6
67.5°	2.2
70°	1.8
72.5°	1.5
75°	1.1
77.5°	1.1
80°	0.7
82.5°	0.7
85°	0.4
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)