

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: P1258969

Luminaire Tested: P3AS02R509050DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258969
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R509050DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

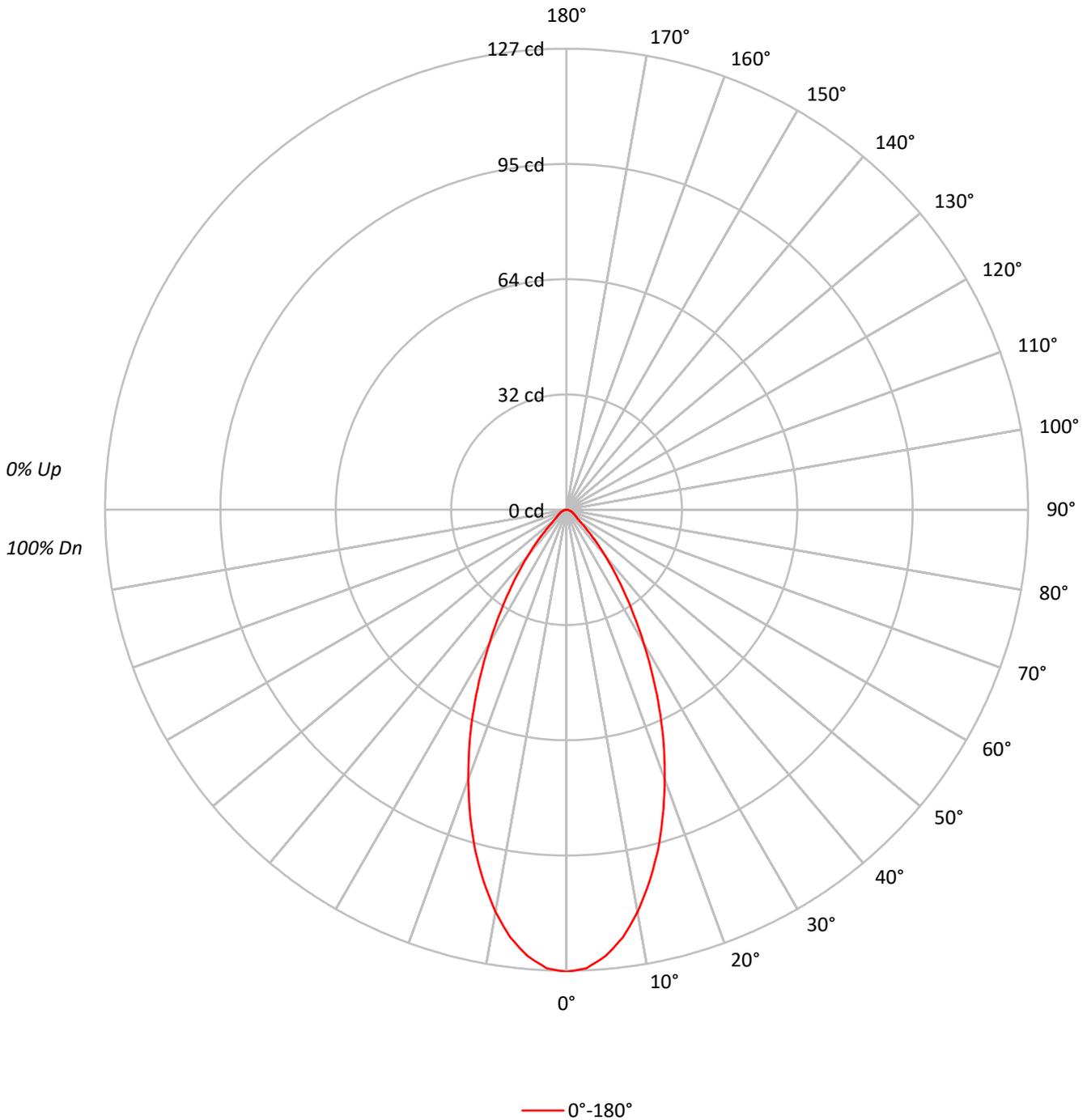
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 96.0 lumens
Efficiency: N/A
Efficacy: 26.7 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
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				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	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	93	93	93	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85	85	85	85
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79	79	79	79
4	96	88	83	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73	73	73	73
5	91	83	77	72	90	82	76	72	80	75	71	78	74	70	77	73	70	68	68	68	68
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64	64	64	64
7	82	73	67	62	81	72	66	62	71	66	62	70	65	61	69	64	61	60	60	60	60
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	57	56	56	56	56
9	75	65	59	55	74	64	59	55	63	58	55	63	58	54	62	57	54	53	53	53	53
10	71	62	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50	50	50	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	27914
5°	27163
10°	25050
15°	22043
20°	18435
25°	14614
30°	10736
35°	7362
40°	4695
45°	2605
50°	1433
55°	1185
60°	1009
65°	934
70°	833
75°	763
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2605 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.4	11.9
10°-20°	26.9	28.0
20°-30°	27.5	28.7
30°-40°	17.4	18.2
40°-50°	6.9	7.2
50°-60°	2.8	2.9
60°-70°	1.8	1.9
70°-80°	0.9	0.9
80°-90°	0.3	0.3
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°	65.8	68.6
0°-40°	83.3	86.7
0°-60°	93.0	96.9
0°-90°	96.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	96.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	127	
5°	123	11
15°	97	27
25°	60	28
35°	28	17
45°	8	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	127.3
2.5°	126.4
5°	123.4
7.5°	118.8
10°	112.5
12.5°	105.1
15°	97.1
17.5°	88.2
20°	79.0
22.5°	69.8
25°	60.4
27.5°	51.1
30°	42.4
32.5°	34.6
35°	27.5
37.5°	21.6
40°	16.4
42.5°	12.1
45°	8.4
47.5°	5.7
50°	4.2
52.5°	3.5
55°	3.1
57.5°	2.7
60°	2.3
62.5°	2.1
65°	1.8
67.5°	1.6
70°	1.3
72.5°	1.0
75°	0.9
77.5°	0.6
80°	0.5
82.5°	0.4
85°	0.3
87.5°	0.1
90°	0.0

(END OF REPORT)