

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: P1252795

Luminaire Tested: P3AS20R509030D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252795
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: P3AS20R509030D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

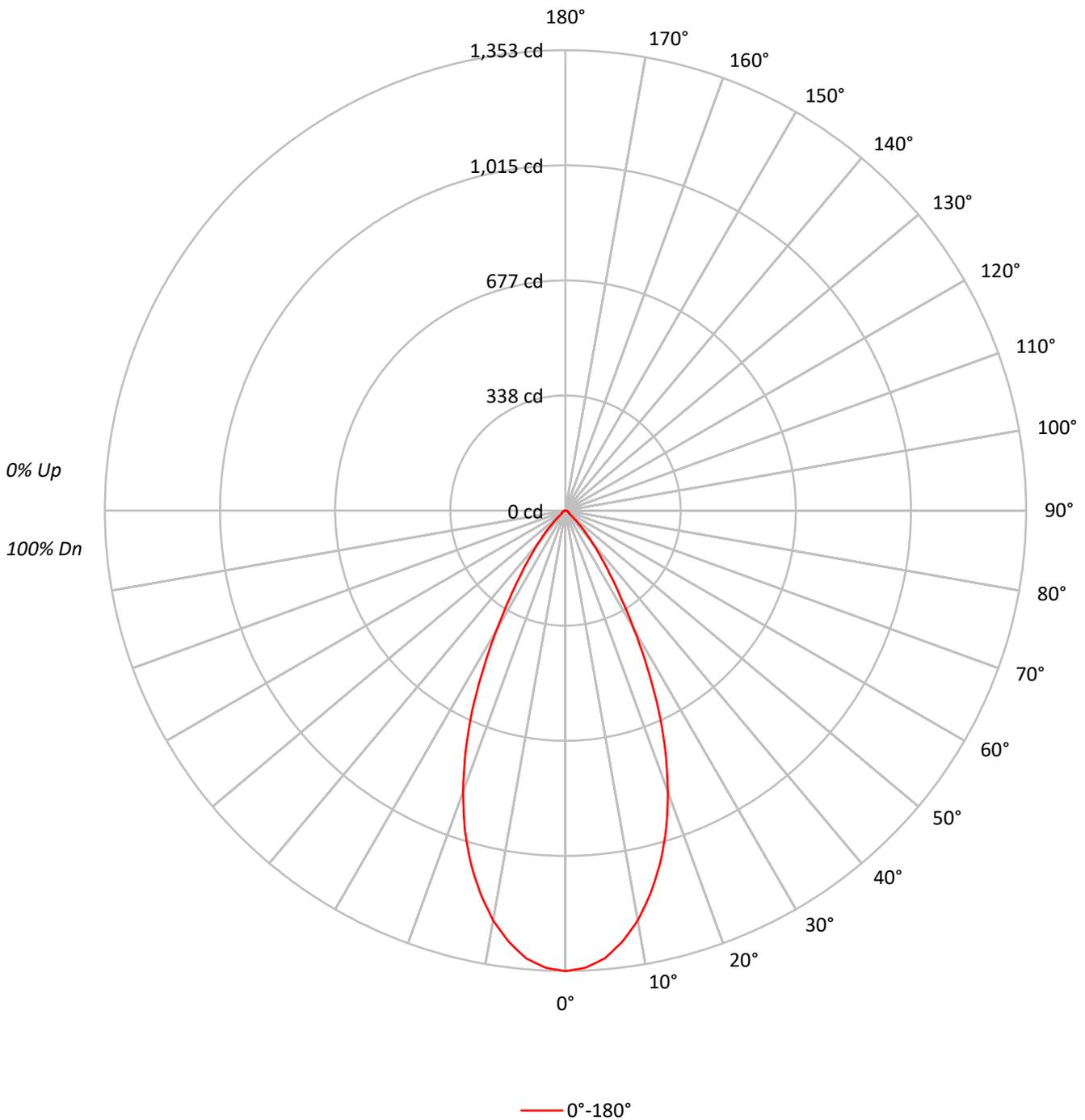
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 932.0 lumens
Efficiency: N/A
Efficacy: 32.4 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): 28.8
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	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94	94	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82	82	82	82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	80	78	76	76	76	76
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72	72	72	72
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	75	72	69	67	67	67	67
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64	64	64	64
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60	60	60	60
9	78	68	63	59	76	68	62	59	67	62	59	66	62	58	65	61	58	57	57	57	57
10	74	65	59	56	73	65	59	56	64	59	55	63	58	55	62	58	55	54	54	54	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	296731
5°	290754
10°	272340
15°	243793
20°	205165
25°	156590
30°	101762
35°	60338
40°	34865
45°	17459
50°	6516
55°	5085
60°	4736
65°	4307
70°	4231
75°	4236
80°	4167
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17459 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.9	13.2
10°-20°	297.0	31.9
20°-30°	291.4	31.3
30°-40°	146.8	15.8
40°-50°	46.4	5.0
50°-60°	12.0	1.3
60°-70°	8.5	0.9
70°-80°	5.2	0.6
80°-90°	1.8	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°	711.3	76.3
0°-40°	858.1	92.1
0°-60°	916.5	98.3
0°-90°	932.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	932.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1353	
5°	1321	123
15°	1074	297
25°	647	291
35°	225	147
45°	56	46
55°	13	12
65°	8	9
75°	5	5
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1353.2
2.5°	1344.9
5°	1320.9
7.5°	1277.8
10°	1223.1
12.5°	1152.7
15°	1073.9
17.5°	982.8
20°	879.2
22.5°	767.3
25°	647.2
27.5°	519.6
30°	401.9
32.5°	302.5
35°	225.4
37.5°	166.6
40°	121.8
42.5°	86.2
45°	56.3
47.5°	32.3
50°	19.1
52.5°	14.1
55°	13.3
57.5°	11.6
60°	10.8
62.5°	9.9
65°	8.3
67.5°	7.5
70°	6.6
72.5°	5.8
75°	5.0
77.5°	4.1
80°	3.3
82.5°	2.5
85°	1.7
87.5°	0.8
90°	0.0

(END OF REPORT)