

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: P1253140

Luminaire Tested: P3AS24R509030D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253140
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: P3AS24R509030D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

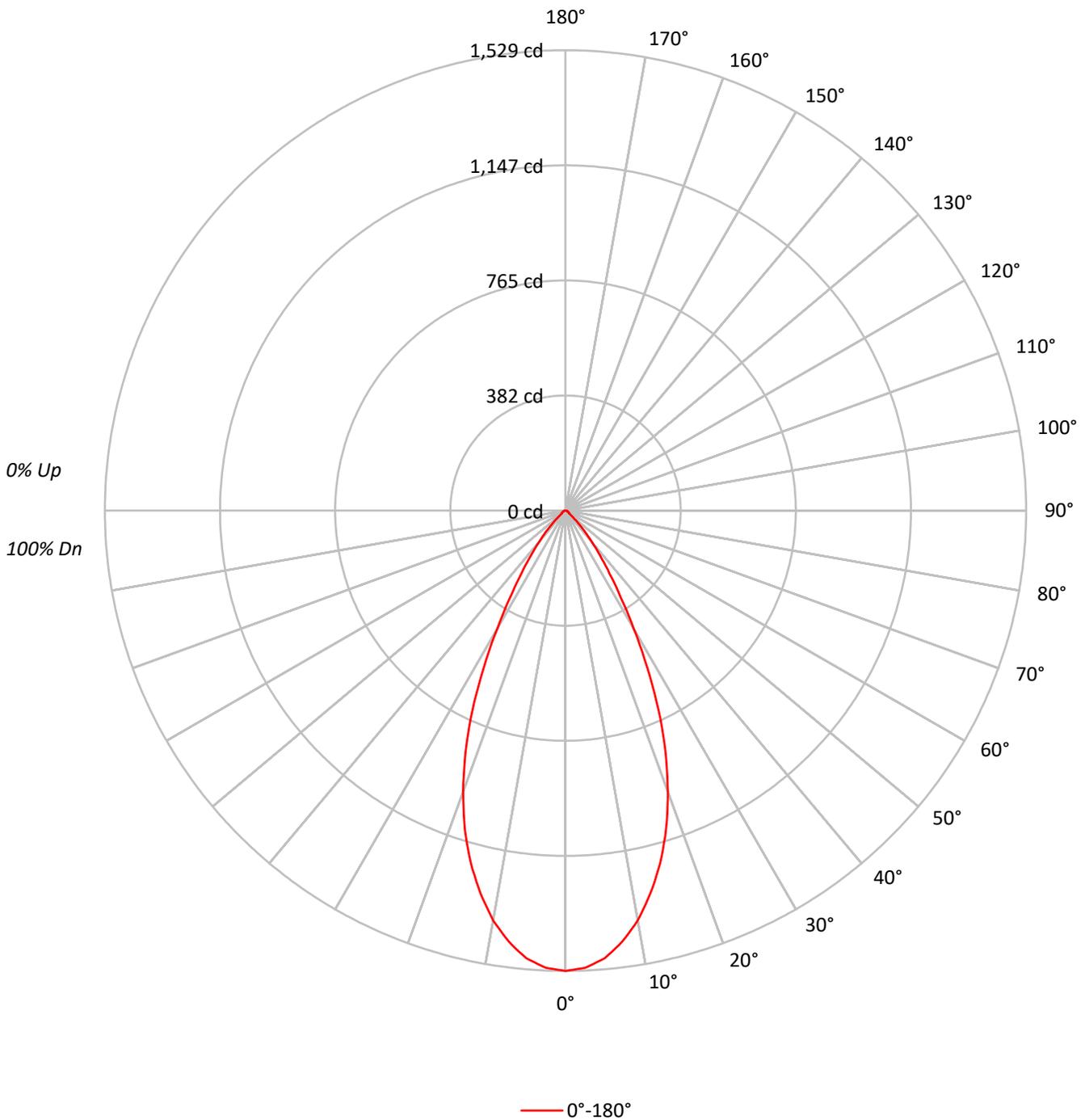
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1053.0 lumens
Efficiency: N/A
Efficacy: 36.6 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): 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			
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94			
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87			
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82			
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	80	78	76			
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72			
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	75	72	69	67			
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64			
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60			
9	78	68	63	59	76	68	62	59	67	62	59	66	62	58	65	61	58	57			
10	74	65	59	56	73	65	59	56	64	59	55	63	58	55	62	58	55	54			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	335258
5°	328505
10°	307699
15°	275461
20°	231813
25°	176913
30°	114980
35°	68181
40°	39388
45°	19754
50°	7335
55°	5735
60°	5350
65°	4877
70°	4809
75°	4745
80°	4672
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19754 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.8	13.2
10°-20°	335.6	31.9
20°-30°	329.2	31.3
30°-40°	165.9	15.8
40°-50°	52.4	5.0
50°-60°	13.6	1.3
60°-70°	9.6	0.9
70°-80°	5.9	0.6
80°-90°	2.0	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°	803.6	76.3
0°-40°	969.5	92.1
0°-60°	1035.4	98.3
0°-90°	1053.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1053.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1529	
5°	1492	139
15°	1213	336
25°	731	329
35°	255	166
45°	64	52
55°	15	14
65°	9	10
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1528.9
2.5°	1519.5
5°	1492.4
7.5°	1443.7
10°	1381.9
12.5°	1302.3
15°	1213.4
17.5°	1110.4
20°	993.4
22.5°	867.0
25°	731.2
27.5°	587.0
30°	454.1
32.5°	341.7
35°	254.7
37.5°	188.2
40°	137.6
42.5°	97.4
45°	63.7
47.5°	36.5
50°	21.5
52.5°	15.9
55°	15.0
57.5°	13.1
60°	12.2
62.5°	11.2
65°	9.4
67.5°	8.4
70°	7.5
72.5°	6.6
75°	5.6
77.5°	4.7
80°	3.7
82.5°	2.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)