

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: P1259913

Luminaire Tested: P3AS13R209050DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259913
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R209050DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

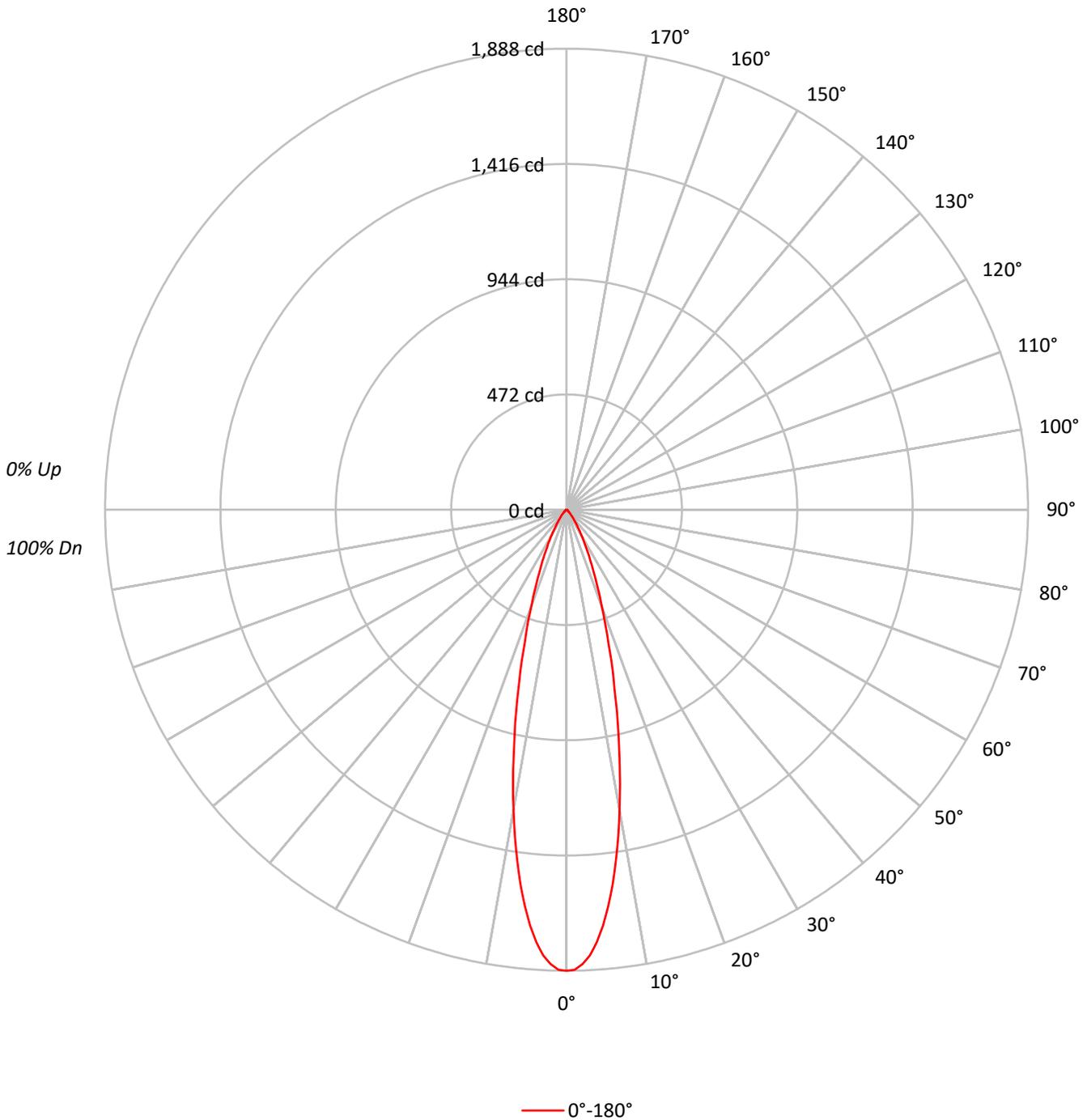
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 538.0 lumens
Efficiency: N/A
Efficacy: 36.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95			95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91			91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87			87
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83			83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79			79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76			76
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73			73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71			71
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68			68
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66			66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	413936
5°	376270
10°	278084
15°	172033
20°	98242
25°	56084
30°	31448
35°	17106
40°	9360
45°	5148
50°	3002
55°	2179
60°	2061
65°	1868
70°	1667
75°	1779
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5148 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.0	27.5
10°-20°	211.3	39.3
20°-30°	110.3	20.5
30°-40°	42.6	7.9
40°-50°	13.8	2.6
50°-60°	5.5	1.0
60°-70°	3.6	0.7
70°-80°	2.1	0.4
80°-90°	0.7	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°	469.6	87.3
0°-40°	512.3	95.2
0°-60°	531.6	98.8
0°-90°	538.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	538.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1888	
5°	1709	148
15°	758	211
25°	232	110
35°	64	43
45°	17	14
55°	6	5
65°	4	4
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1887.7
1°	1884.0
2°	1861.7
3°	1827.4
4°	1774.4
5°	1709.4
6°	1632.5
7°	1547.2
8°	1448.5
9°	1352.3
10°	1248.9
12.5°	992.7
15°	757.8
17.5°	567.0
20°	421.0
22.5°	311.8
25°	231.8
27.5°	171.0
30°	124.2
32.5°	89.9
35°	63.9
37.5°	46.3
40°	32.7
42.5°	23.4
45°	16.6
47.5°	12.0
50°	8.8
52.5°	6.8
55°	5.7
57.5°	5.2
60°	4.7
62.5°	4.2
65°	3.6
67.5°	3.1
70°	2.6
72.5°	2.6
75°	2.1
77.5°	1.6
80°	1.0
82.5°	1.0
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)