

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: P1274851

Luminaire Tested: P3AS20R559830D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274851
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R559830D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

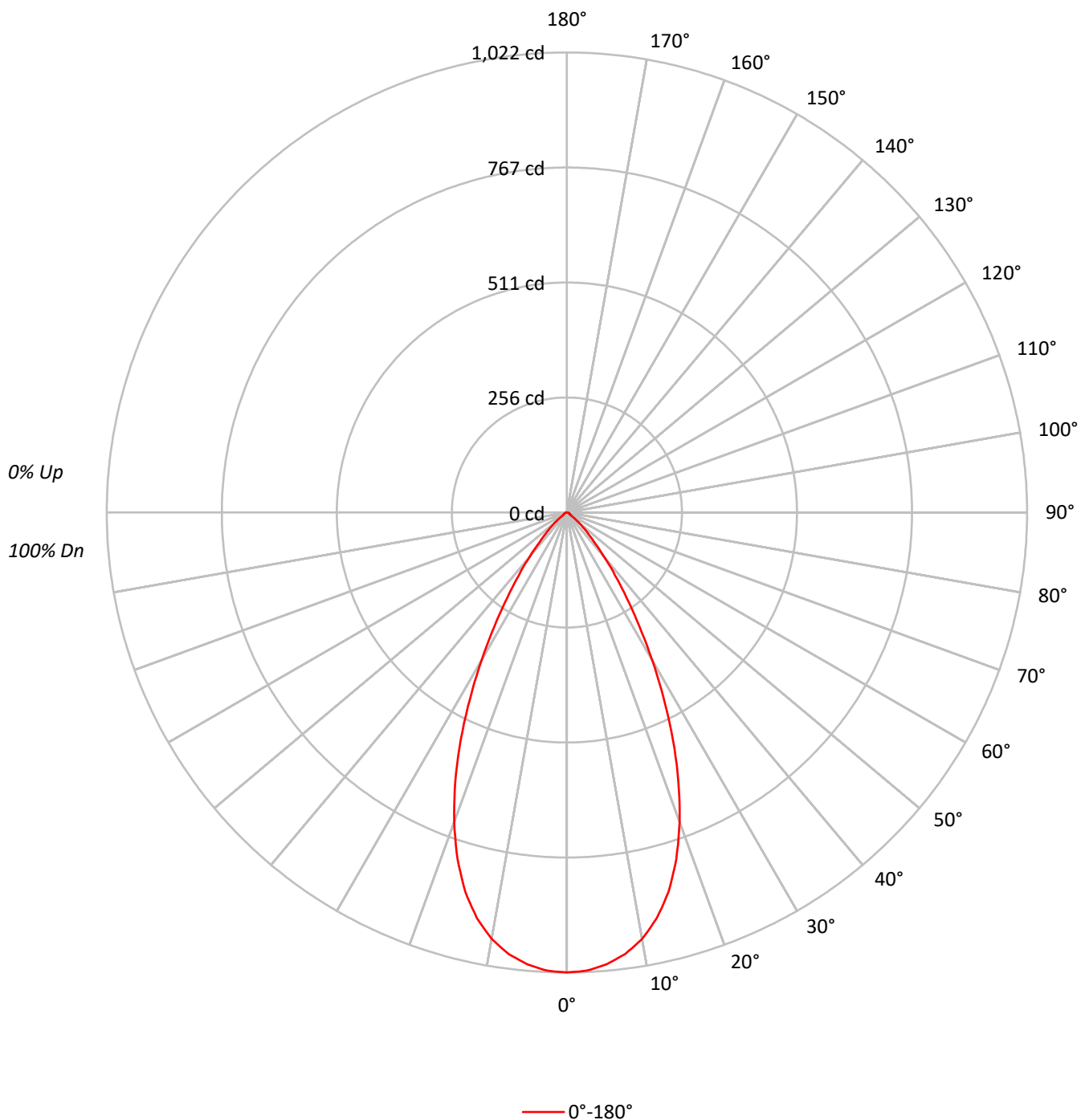
Lumens per Lamp: N/A
Luminaire Lumens: 815.9 lumens
Efficiency: N/A
Efficacy: 29.8 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	95	90	86	92	88	85		89	86	84		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	224061
5°	221791
10°	214180
15°	197981
20°	170838
25°	134935
30°	95711
35°	61730
40°	37069
45°	20901
50°	11224
55°	4014
60°	3596
65°	3476
70°	3334
75°	3135
80°	2778
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20901 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.8	11.6
10°-20°	241.2	29.6
20°-30°	252.7	31.0
30°-40°	147.5	18.1
40°-50°	55.2	6.8
50°-60°	13.0	1.6
60°-70°	6.7	0.8
70°-80°	3.9	0.5
80°-90°	1.1	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°	588.6	72.1
0°-40°	736.1	90.2
0°-60°	804.3	98.6
0°-90°	815.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	815.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1022	
5°	1008	95
15°	872	241
25°	558	253
35°	231	147
45°	67	55
55°	10	13
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1021.8
2.5°	1018.8
5°	1007.6
7.5°	989.6
10°	961.9
12.5°	923.0
15°	872.1
17.5°	807.7
20°	732.1
22.5°	647.5
25°	557.7
27.5°	465.6
30°	378.0
32.5°	298.7
35°	230.6
37.5°	175.2
40°	129.5
42.5°	92.8
45°	67.4
47.5°	48.7
50°	32.9
52.5°	18.7
55°	10.5
57.5°	9.0
60°	8.2
62.5°	7.5
65°	6.7
67.5°	6.0
70°	5.2
72.5°	4.5
75°	3.7
77.5°	3.0
80°	2.2
82.5°	1.5
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)