

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: P1276746

Luminaire Tested: P3AS20R259835D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276746
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259835D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

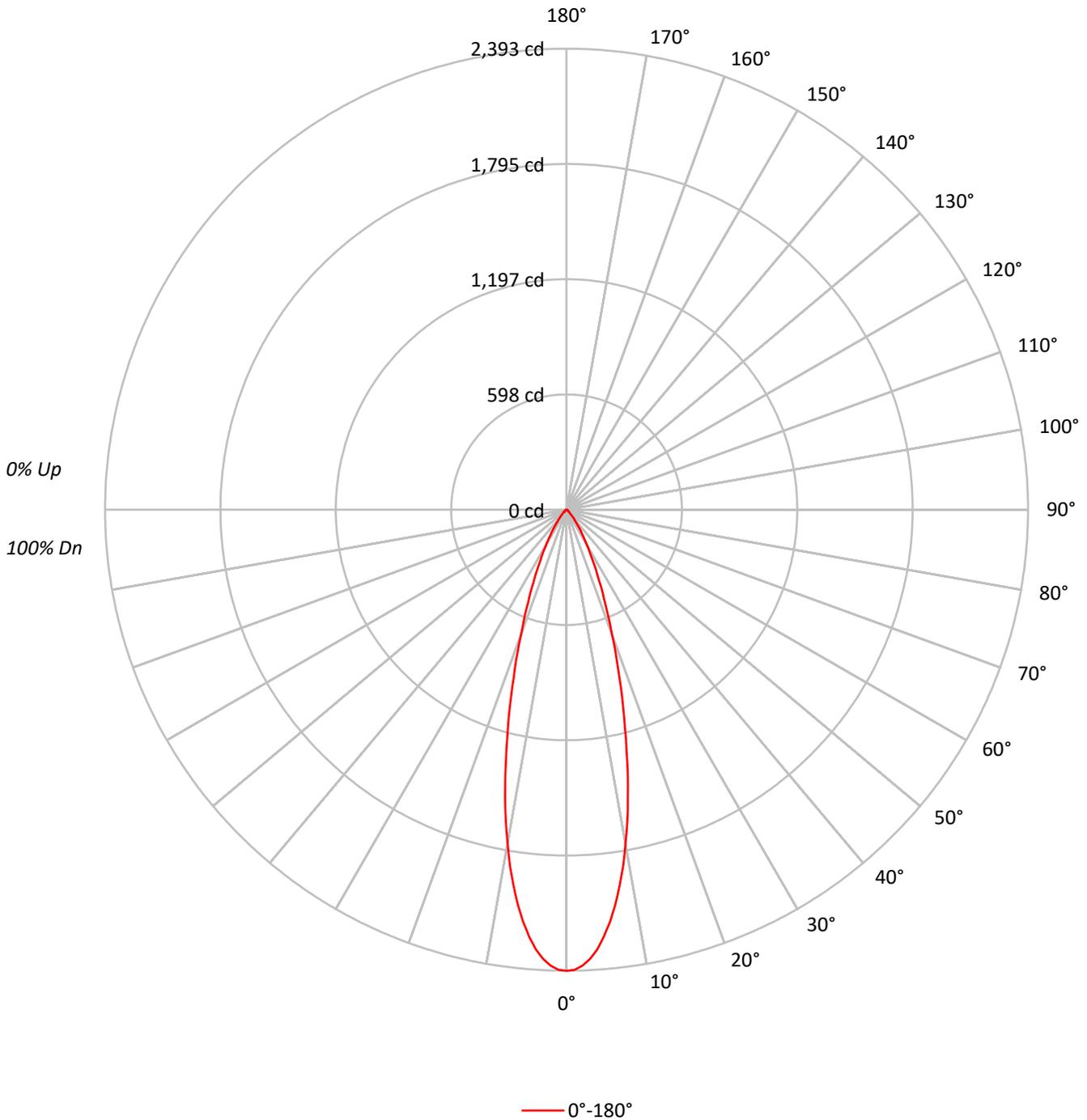
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 818.1 lumens
Efficiency: N/A
Efficacy: 29.9 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
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			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	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	75	75	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	72	72	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	66	66	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	64	64	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	524717
5°	489543
10°	392177
15°	266199
20°	161084
25°	94191
30°	53654
35°	29500
40°	15658
45°	8249
50°	4810
55°	3594
60°	3070
65°	3269
70°	3013
75°	2626
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8249 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.4	24.1
10°-20°	322.4	39.4
20°-30°	184.2	22.5
30°-40°	72.7	8.9
40°-50°	22.3	2.7
50°-60°	8.8	1.1
60°-70°	5.9	0.7
70°-80°	3.3	0.4
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°	704.0	86.1
0°-40°	776.7	94.9
0°-60°	807.8	98.7
0°-90°	818.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	818.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2393	
5°	2224	197
15°	1173	322
25°	389	184
35°	110	73
45°	27	22
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2392.9
1°	2388.2
2°	2368.7
3°	2334.3
4°	2286.6
5°	2224.0
6°	2150.6
7°	2067.7
8°	1971.5
9°	1873.0
10°	1761.3
11°	1651.0
12°	1529.9
13°	1410.3
14°	1287.5
15°	1172.6
17.5°	909.2
20°	690.3
22.5°	518.3
25°	389.3
27.5°	288.5
30°	211.9
32.5°	153.2
35°	110.2
37.5°	78.2
40°	54.7
42.5°	37.5
45°	26.6
47.5°	18.8
50°	14.1
52.5°	10.9
55°	9.4
57.5°	8.6
60°	7.0
62.5°	6.3
65°	6.3
67.5°	5.5
70°	4.7
72.5°	3.9
75°	3.1
77.5°	2.3
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)