

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: P1276758

Luminaire Tested: P3AS20R259835D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276758
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259835D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

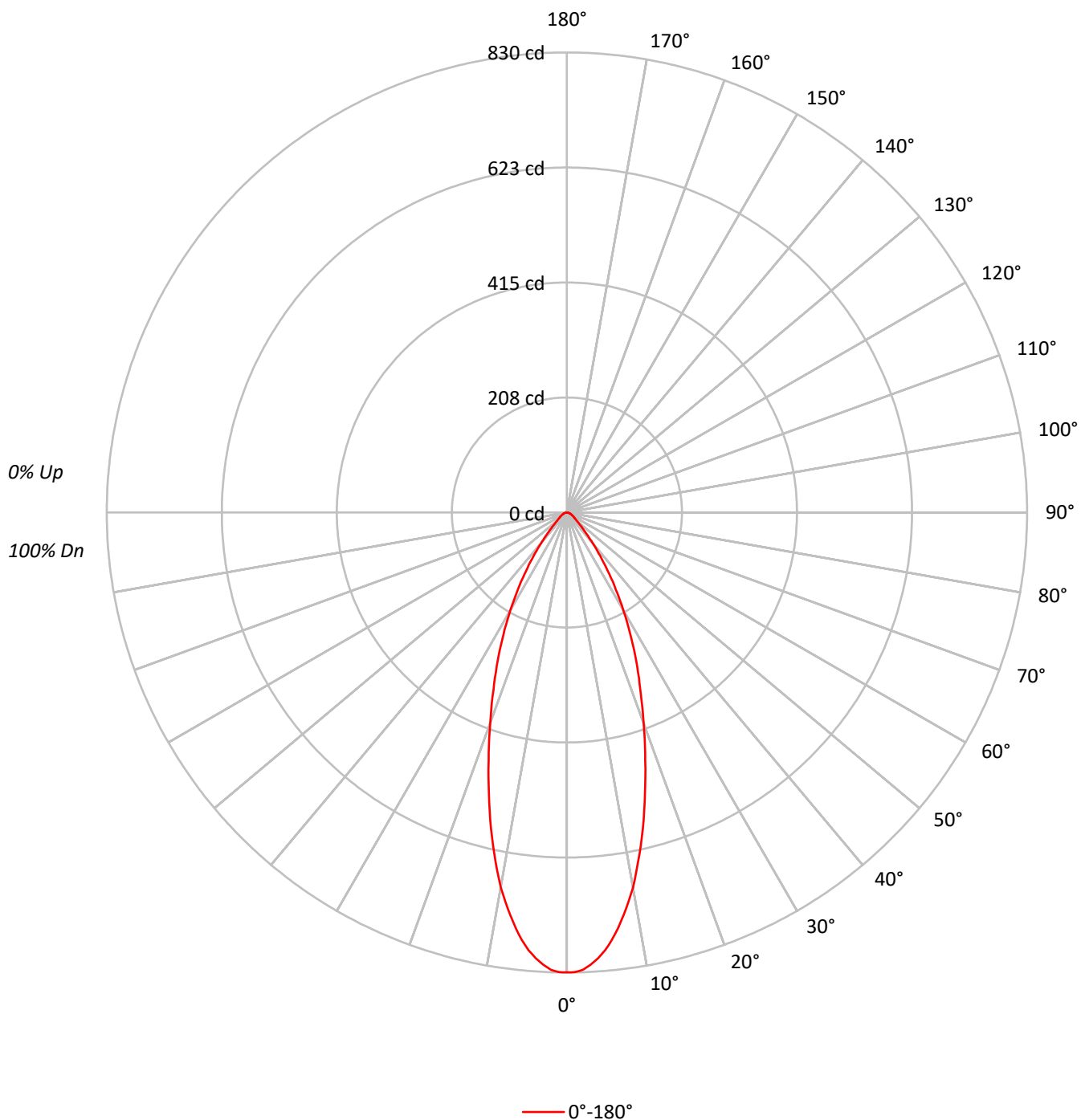
Lumens per Lamp: N/A
Luminaire Lumens: 501.0 lumens
Efficiency: N/A
Efficacy: 18.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		64	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	181893
5°	174510
10°	152881
15°	122884
20°	94415
25°	71423
30°	51628
35°	34291
40°	20782
45°	12125
50°	7744
55°	6270
60°	5482
65°	4877
70°	3975
75°	3982
80°	2904
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12125 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.2	14.4
10°-20°	149.7	29.9
20°-30°	135.4	27.0
30°-40°	81.3	16.2
40°-50°	32.3	6.4
50°-60°	14.9	3.0
60°-70°	9.1	1.8
70°-80°	4.8	1.0
80°-90°	1.4	0.3
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°	357.2	71.3
0°-40°	438.5	87.5
0°-60°	485.7	96.9
0°-90°	501.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	501.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	830	
5°	793	72
15°	541	150
25°	295	135
35°	128	81
45°	39	32
55°	16	15
65°	9	9
75°	5	5
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	829.5
1°	829.5
2°	825.6
3°	817.0
4°	806.1
5°	792.8
6°	775.6
7°	756.1
8°	733.4
9°	710.8
10°	686.6
11°	658.4
12°	629.5
13°	600.6
14°	571.7
15°	541.3
17.5°	469.4
20°	404.6
22.5°	346.0
25°	295.2
27.5°	247.6
30°	203.9
32.5°	164.0
35°	128.1
37.5°	97.6
40°	72.6
42.5°	53.1
45°	39.1
47.5°	29.7
50°	22.7
52.5°	18.7
55°	16.4
57.5°	14.1
60°	12.5
62.5°	10.2
65°	9.4
67.5°	7.8
70°	6.2
72.5°	5.5
75°	4.7
77.5°	3.9
80°	2.3
82.5°	1.6
85°	1.6
87.5°	0.8



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)