

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: P1276691

Luminaire Tested: P3AS20R159835D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276691
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159835D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

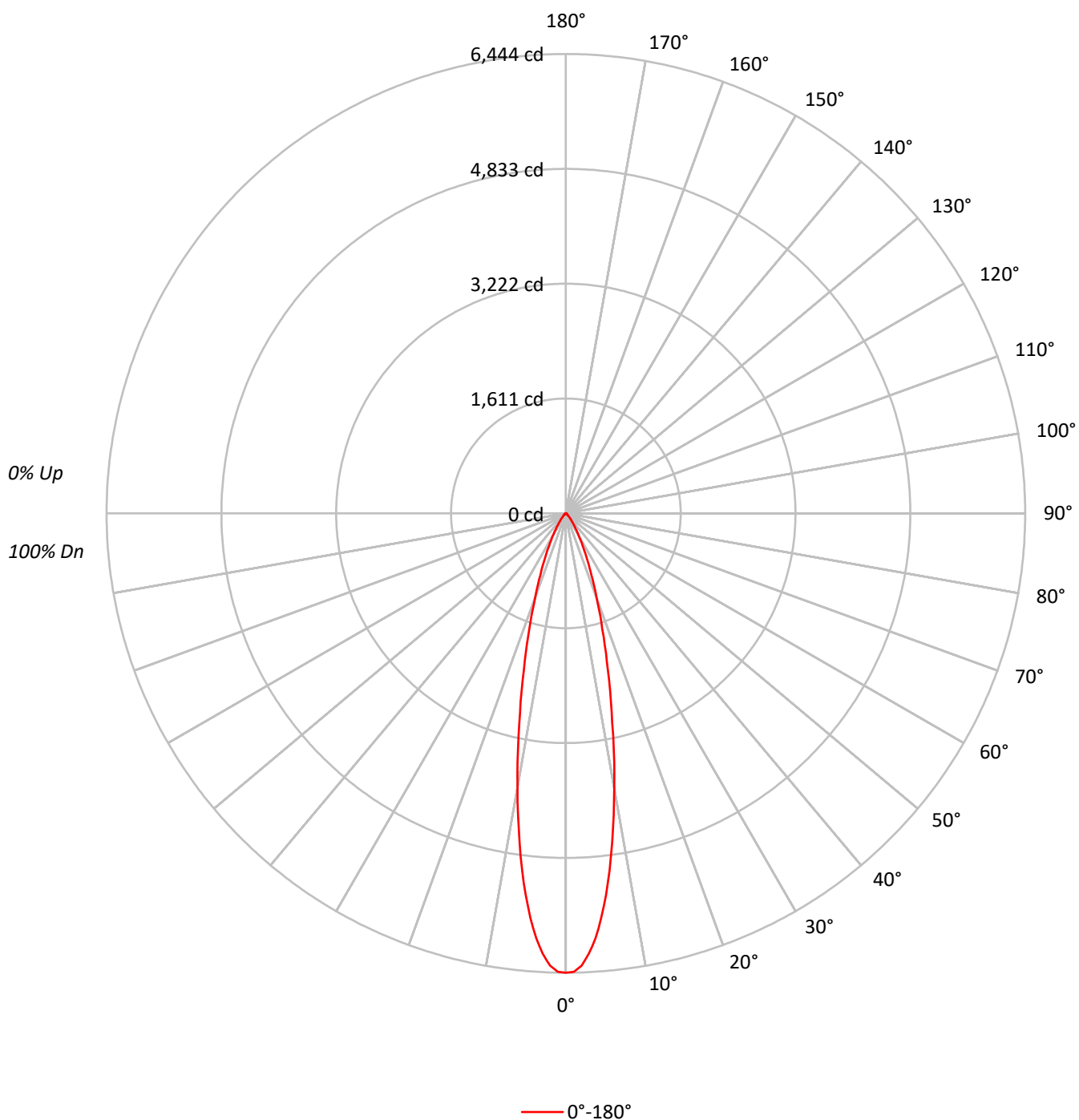
Lumens per Lamp: N/A
Luminaire Lumens: 1654.0 lumens
Efficiency: N/A
Efficacy: 60.4 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1412957
5°	1254212
10°	870993
15°	515099
20°	293372
25°	167695
30°	92799
35°	49470
40°	27366
45°	14823
50°	9245
55°	7302
60°	6271
65°	5811
70°	5129
75°	5422
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14823 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	484.5	29.3
10°-20°	639.5	38.7
20°-30°	329.2	19.9
30°-40°	123.6	7.5
40°-50°	40.5	2.4
50°-60°	17.4	1.1
60°-70°	11.0	0.7
70°-80°	6.5	0.4
80°-90°	1.7	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°	1453.2	87.9
0°-40°	1576.9	95.3
0°-60°	1634.7	98.8
0°-90°	1654.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1654.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6444	
5°	5698	485
15°	2269	639
25°	693	329
35°	185	124
45°	48	40
55°	19	17
65°	11	11
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	6443.6
1°	6430.8
2°	6346.4
3°	6185.4
4°	5973.5
5°	5697.9
6°	5385.6
7°	5043.0
8°	4662.2
9°	4286.2
10°	3911.7
12.5°	3009.9
15°	2269.0
17.5°	1698.5
20°	1257.2
22.5°	938.5
25°	693.1
27.5°	505.1
30°	366.5
32.5°	259.7
35°	184.8
37.5°	132.2
40°	95.6
42.5°	68.5
45°	47.8
47.5°	35.1
50°	27.1
52.5°	22.3
55°	19.1
57.5°	15.9
60°	14.3
62.5°	12.7
65°	11.2
67.5°	9.6
70°	8.0
72.5°	8.0
75°	6.4
77.5°	4.8
80°	3.2
82.5°	3.2
85°	1.6
87.5°	0.0
90°	0.0

(END OF REPORT)