

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: P1258756

Luminaire Tested: P3AS02R159050DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258756
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: P3AS02R159050DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

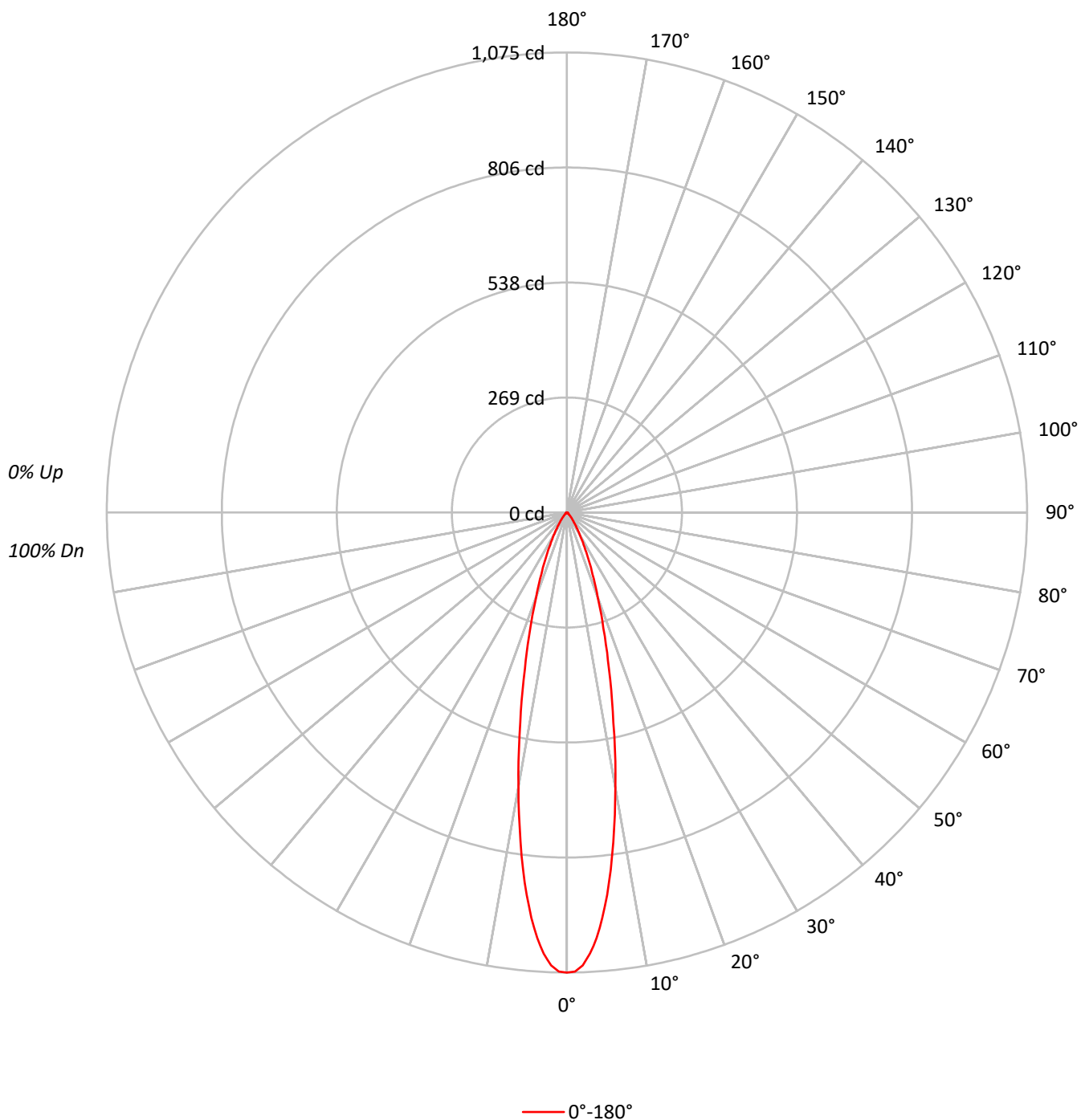
Lumens per Lamp: N/A
Luminaire Lumens: 276.0 lumens
Efficiency: N/A
Efficacy: 76.7 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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°	235771
5°	209288
10°	145332
15°	85948
20°	48958
25°	27994
30°	15496
35°	8245
40°	4580
45°	2481
50°	1535
55°	1223
60°	1053
65°	986
70°	833
75°	932
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2481 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.9	29.3
10°-20°	106.7	38.7
20°-30°	55.0	19.9
30°-40°	20.6	7.5
40°-50°	6.7	2.4
50°-60°	2.9	1.1
60°-70°	1.8	0.7
70°-80°	1.1	0.4
80°-90°	0.3	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°	242.5	87.9
0°-40°	263.1	95.3
0°-60°	272.8	98.8
0°-90°	276.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	276.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1075	
5°	951	81
15°	379	107
25°	116	55
35°	31	21
45°	8	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1075.2
1°	1073.1
2°	1059.0
3°	1032.2
4°	996.8
5°	950.8
6°	898.7
7°	841.5
8°	778.0
9°	715.2
10°	652.7
12.5°	502.3
15°	378.6
17.5°	283.4
20°	209.8
22.5°	156.6
25°	115.7
27.5°	84.3
30°	61.2
32.5°	43.3
35°	30.8
37.5°	22.1
40°	16.0
42.5°	11.4
45°	8.0
47.5°	5.8
50°	4.5
52.5°	3.7
55°	3.2
57.5°	2.7
60°	2.4
62.5°	2.1
65°	1.9
67.5°	1.6
70°	1.3
72.5°	1.3
75°	1.1
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)