

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: P1246449

Luminaire Tested: P3A09R259024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246449
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: P3A09R259024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

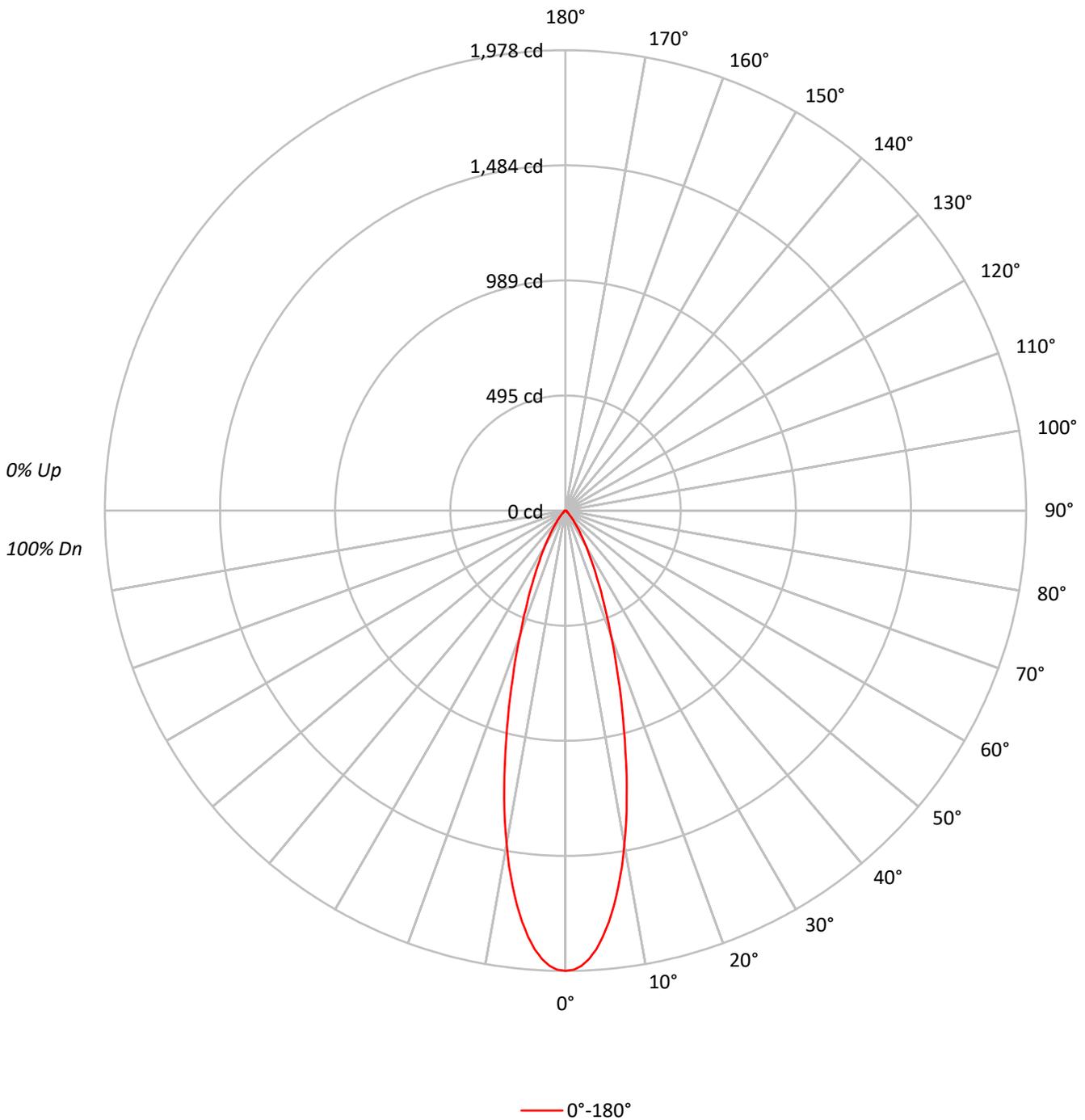
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 676.0 lumens
Efficiency: N/A
Efficacy: 60.9 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): 11.1
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°	433628
5°	404577
10°	324087
15°	219979
20°	133105
25°	77835
30°	44336
35°	24387
40°	12939
45°	6822
50°	3957
55°	2982
60°	2544
65°	2698
70°	2500
75°	2203
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6822 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.1	24.1
10°-20°	266.4	39.4
20°-30°	152.2	22.5
30°-40°	60.1	8.9
40°-50°	18.4	2.7
50°-60°	7.3	1.1
60°-70°	4.9	0.7
70°-80°	2.7	0.4
80°-90°	0.9	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°	581.7	86.1
0°-40°	641.8	94.9
0°-60°	667.5	98.7
0°-90°	676.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	676.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1978	
5°	1838	163
15°	969	266
25°	322	152
35°	91	60
45°	22	18
55°	8	7
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1977.5
1°	1973.6
2°	1957.5
3°	1929.1
4°	1889.6
5°	1838.0
6°	1777.2
7°	1708.8
8°	1629.3
9°	1547.9
10°	1455.5
11°	1364.4
12°	1264.3
13°	1165.4
14°	1064.0
15°	969.0
17.5°	751.3
20°	570.4
22.5°	428.3
25°	321.7
27.5°	238.4
30°	175.1
32.5°	126.6
35°	91.1
37.5°	64.6
40°	45.2
42.5°	31.0
45°	22.0
47.5°	15.5
50°	11.6
52.5°	9.0
55°	7.8
57.5°	7.1
60°	5.8
62.5°	5.2
65°	5.2
67.5°	4.5
70°	3.9
72.5°	3.2
75°	2.6
77.5°	1.9
80°	1.3
82.5°	1.3
85°	0.6
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)