

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: P1246423

Luminaire Tested: P3A09R209024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246423
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R209024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

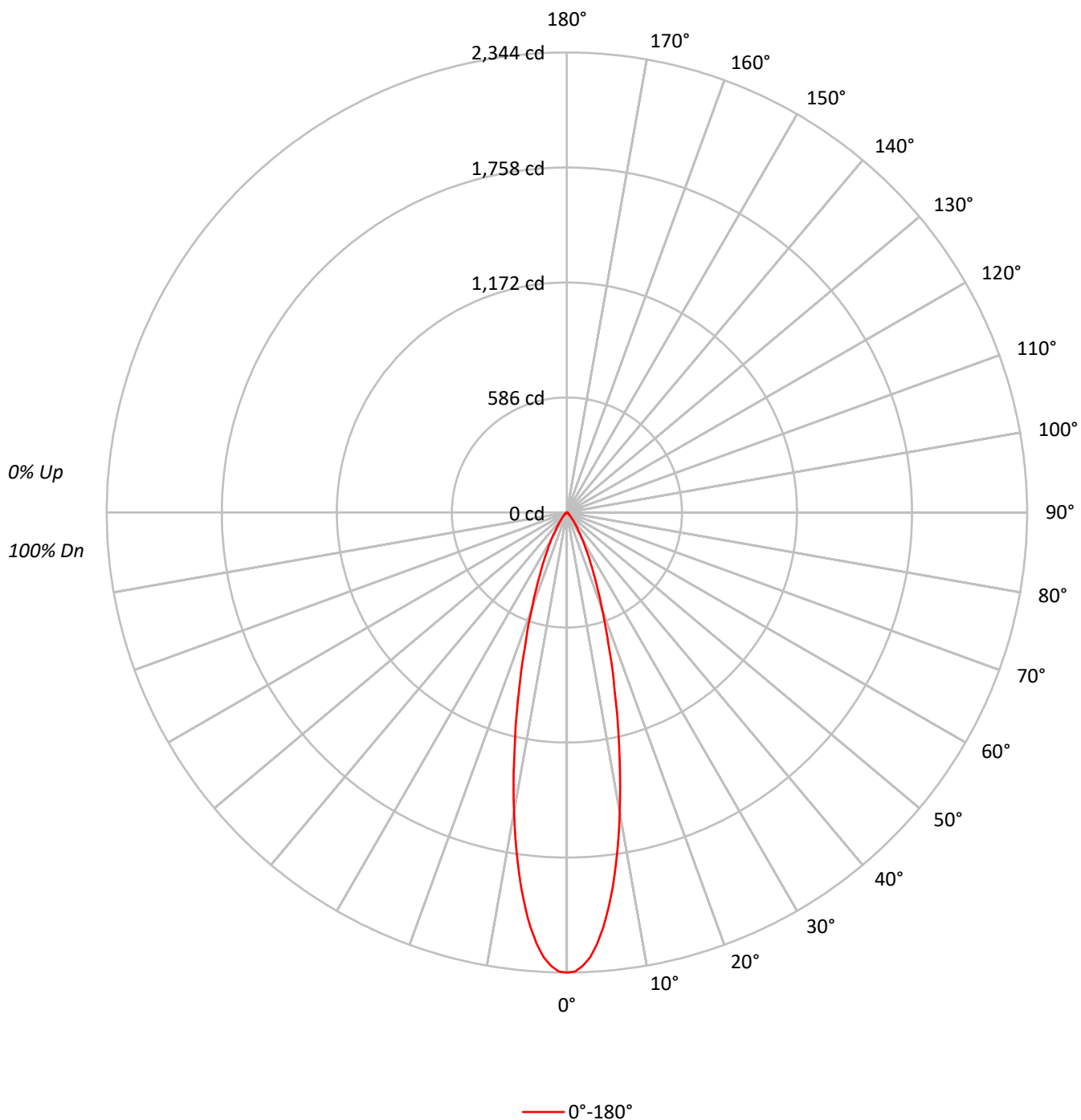
Lumens per Lamp: N/A
Luminaire Lumens: 668.0 lumens
Efficiency: N/A
Efficacy: 60.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1246423

CATALOG NUMBER: P3A09R209024DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1246423

CATALOG NUMBER: P3A09R209024DE010 E3DL1MW

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	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	513950
5°	467201
10°	345284
15°	213599
20°	121974
25°	69633
30°	39044
35°	21255
40°	11650
45°	6419
50°	3753
55°	2714
60°	2544
65°	2335
70°	2052
75°	2203
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6419 cd/sqm

TEST NUMBER: P1246423

CATALOG NUMBER: P3A09R209024DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.8	27.5
10°-20°	262.4	39.3
20°-30°	136.9	20.5
30°-40°	52.9	7.9
40°-50°	17.2	2.6
50°-60°	6.8	1.0
60°-70°	4.5	0.7
70°-80°	2.6	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°	583.1	87.3
0°-40°	636.1	95.2
0°-60°	660.0	98.8
0°-90°	668.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	668.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2344	
5°	2122	184
15°	941	262
25°	288	137
35°	79	53
45°	21	17
55°	7	7
65°	4	4
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1246423

CATALOG NUMBER: P3A09R209024DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2343.8
1°	2339.3
2°	2311.5
3°	2268.9
4°	2203.1
5°	2122.5
6°	2026.9
7°	1921.1
8°	1798.5
9°	1679.1
10°	1550.7
12.5°	1232.6
15°	940.9
17.5°	704.0
20°	522.7
22.5°	387.2
25°	287.8
27.5°	212.3
30°	154.2
32.5°	111.6
35°	79.4
37.5°	57.4
40°	40.7
42.5°	29.0
45°	20.7
47.5°	14.8
50°	11.0
52.5°	8.4
55°	7.1
57.5°	6.5
60°	5.8
62.5°	5.2
65°	4.5
67.5°	3.9
70°	3.2
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
90°	0.0

(END OF REPORT)