

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: P1246509

Luminaire Tested: P3A09R359024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246509
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R359024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

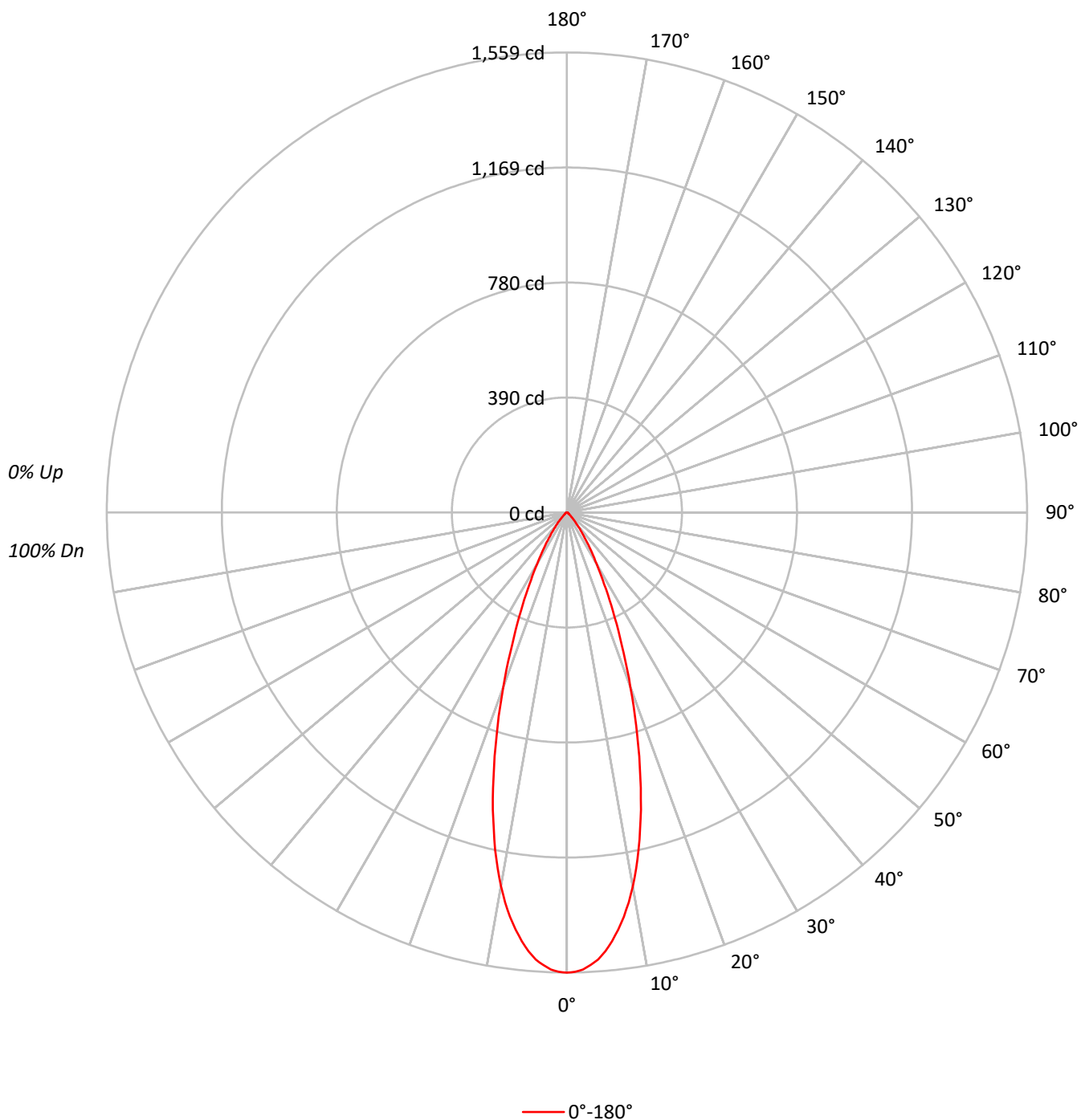
Lumens per Lamp: N/A
Luminaire Lumens: 678.0 lumens
Efficiency: N/A
Efficacy: 61.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1246509

CATALOG NUMBER: P3A09R359024DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1246509

CATALOG NUMBER: P3A09R359024DE010 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	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	69	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	341946
5°	328637
10°	286345
15°	219320
20°	146733
25°	88795
30°	50945
35°	28482
40°	15143
45°	7815
50°	3753
55°	2944
60°	2807
65°	2335
70°	2500
75°	2203
80°	2399
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7815 cd/sqm

TEST NUMBER: P1246509

CATALOG NUMBER: P3A09R359024DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	135.8	20.0
10°-20°	263.2	38.8
20°-30°	172.3	25.4
30°-40°	69.9	10.3
40°-50°	21.0	3.1
50°-60°	7.1	1.1
60°-70°	4.8	0.7
70°-80°	2.8	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°	571.4	84.3
0°-40°	641.3	94.6
0°-60°	669.5	98.7
0°-90°	678.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	678.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1559	
5°	1493	136
15°	966	263
25°	367	172
35°	106	70
45°	25	21
55°	8	7
65°	4	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1246509

CATALOG NUMBER: P3A09R359024DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1559.4
1°	1556.9
2°	1549.8
3°	1535.6
4°	1518.8
5°	1493.0
6°	1460.8
7°	1424.6
8°	1384.0
9°	1337.6
10°	1286.0
11°	1228.6
12°	1168.6
13°	1101.5
14°	1037.7
15°	966.1
17.5°	792.6
20°	628.8
22.5°	483.7
25°	367.0
27.5°	273.4
30°	201.2
32.5°	147.7
35°	106.4
37.5°	75.5
40°	52.9
42.5°	36.8
45°	25.2
47.5°	16.8
50°	11.0
52.5°	8.4
55°	7.7
57.5°	7.1
60°	6.4
62.5°	5.8
65°	4.5
67.5°	3.9
70°	3.9
72.5°	3.2
75°	2.6
77.5°	1.9
80°	1.9
82.5°	1.3
85°	0.6
87.5°	0.6



TEST NUMBER: P1246509

CATALOG NUMBER: P3A09R359024DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)