

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: P1259759

Luminaire Tested: P3AS09R659050DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259759
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R659050DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

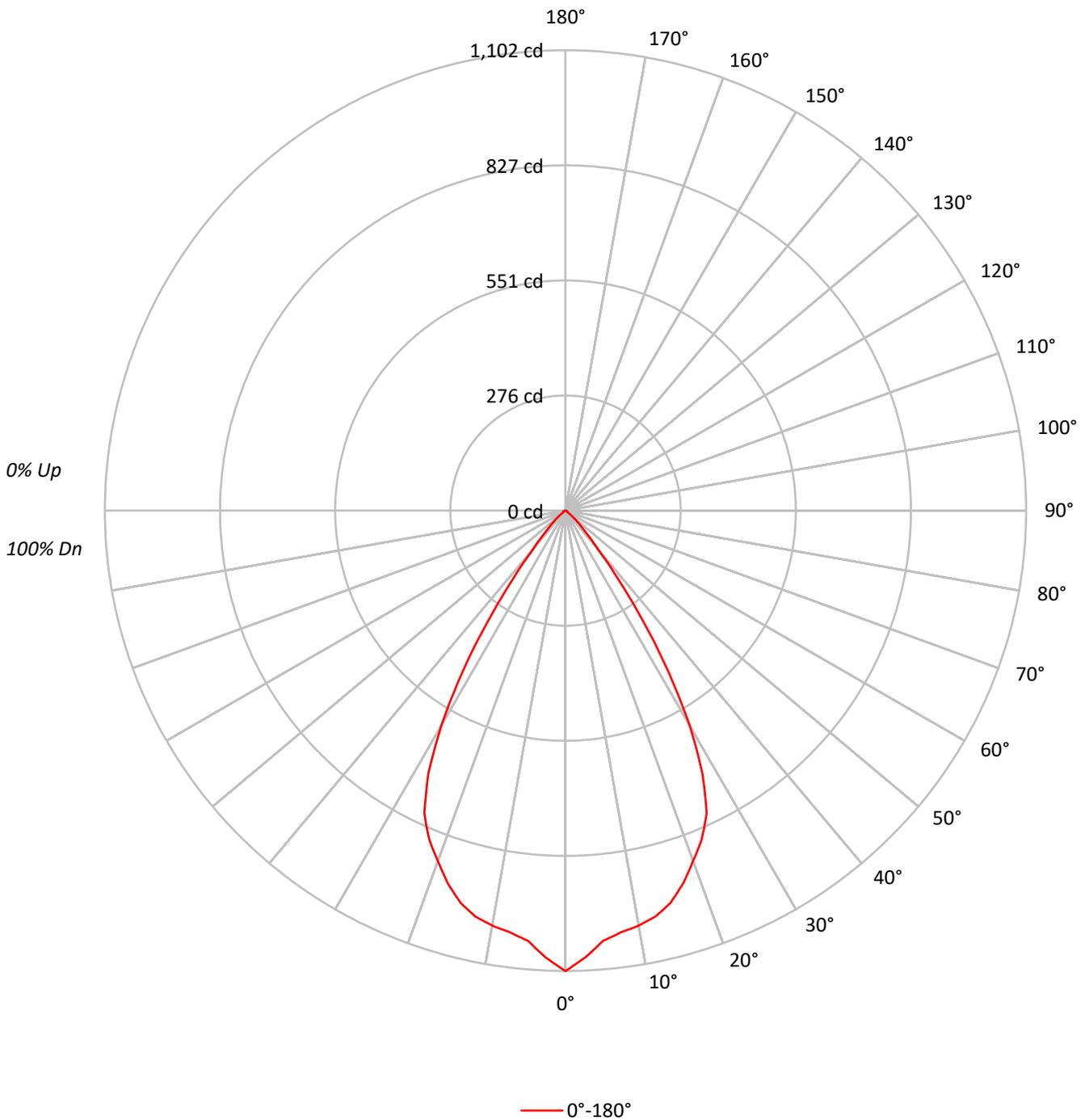
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 989.0 lumens
Efficiency: N/A
Efficacy: 89.1 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
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: P1259759
CATALOG NUMBER: P3AS09R659050DE010 E3CD1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1259759

CATALOG NUMBER: P3AS09R659050DE010 E3CD1MW

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	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94	94	94	94
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87	87	87	87
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	88	85	83	81	81	81	81
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75	75	75	75
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70	70	70	70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58	58	58	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54	54	54	54
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51	51	51	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	241691
5°	227470
10°	224578
15°	220614
20°	208291
25°	193342
30°	150276
35°	86920
40°	35037
45°	16126
50°	6277
55°	2447
60°	2105
65°	2075
70°	2052
75°	2033
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16126 cd/sqm



TEST NUMBER: P1259759
 CATALOG NUMBER: P3AS09R659050DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.2	9.9
10°-20°	271.4	27.4
20°-30°	355.3	35.9
30°-40°	205.8	20.8
40°-50°	44.0	4.5
50°-60°	7.2	0.7
60°-70°	4.0	0.4
70°-80°	2.3	0.2
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°	724.9	73.3
0°-40°	930.6	94.1
0°-60°	981.9	99.3
0°-90°	989.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	989.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1102	
5°	1033	98
15°	972	271
25°	799	355
35°	325	206
45°	52	44
55°	6	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1259759
CATALOG NUMBER: P3AS09R659050DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1102.2
2.5°	1071.0
5°	1033.4
7.5°	1018.2
10°	1008.6
12.5°	995.0
15°	971.8
17.5°	935.8
20°	892.6
22.5°	851.8
25°	799.1
27.5°	710.3
30°	593.5
32.5°	459.9
35°	324.7
37.5°	205.6
40°	122.4
42.5°	76.8
45°	52.0
47.5°	33.6
50°	18.4
52.5°	8.8
55°	6.4
57.5°	5.6
60°	4.8
62.5°	4.8
65°	4.0
67.5°	3.2
70°	3.2
72.5°	2.4
75°	2.4
77.5°	1.6
80°	1.6
82.5°	0.8
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)