

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: P1267197

Luminaire Tested: P3A09R609735DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267197
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R609735DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

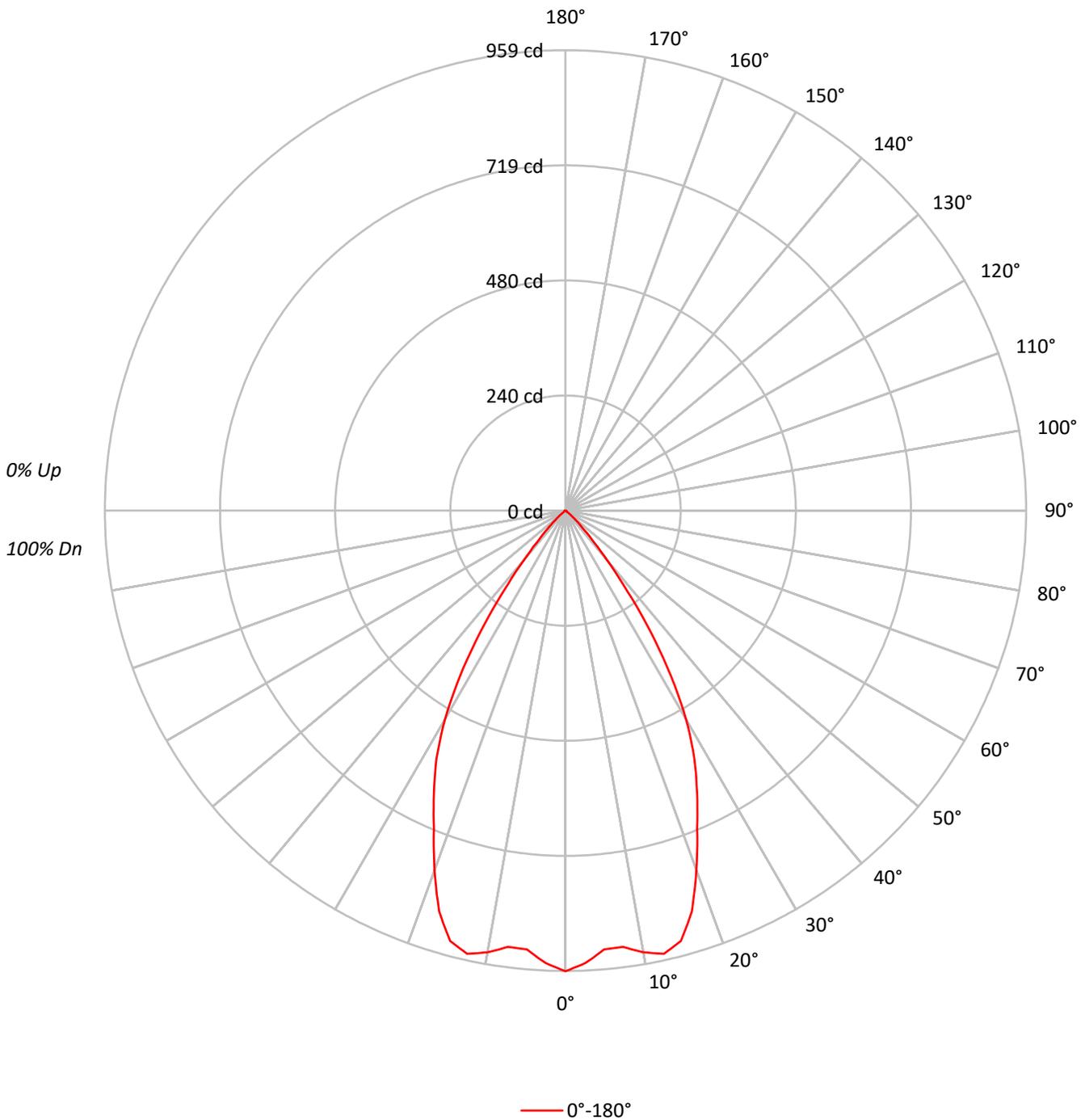
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 881.0 lumens
Efficiency: N/A
Efficacy: 79.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
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: P1267197
CATALOG NUMBER: P3A09R609735DE010 E3D1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1267197
 CATALOG NUMBER: P3A09R609735DE010 E3D1MW

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	100	98	97	96	95	94	94	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81	81	81	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76	76	76	76
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72	71	71	71	71
6	88	79	73	69	87	79	73	69	77	72	68	76	71	68	74	70	68	66	66	66	66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62	62	62	62
8	80	70	64	60	78	70	64	60	69	64	60	68	63	60	67	62	59	58	58	58	58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55	55	55	55
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51	51	51	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	210378
5°	202025
10°	208012
15°	210694
20°	186030
25°	156783
30°	127159
35°	82824
40°	38043
45°	14575
50°	4878
55°	1300
60°	1184
65°	1038
70°	898
75°	1186
80°	884
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14575 cd/sqm



TEST NUMBER: P1267197
 CATALOG NUMBER: P3A09R609735DE010 E3D1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.3	10.0
10°-20°	254.1	28.8
20°-30°	296.4	33.6
30°-40°	191.3	21.7
40°-50°	42.9	4.9
50°-60°	4.3	0.5
60°-70°	2.0	0.2
70°-80°	1.2	0.1
80°-90°	0.5	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°	638.9	72.5
0°-40°	830.2	94.2
0°-60°	877.3	99.6
0°-90°	881.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	881.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	959	
5°	918	88
15°	928	254
25°	648	296
35°	309	191
45°	47	43
55°	3	4
65°	2	2
75°	1	1
85°	1	0
90°	0	



TEST NUMBER: P1267197
CATALOG NUMBER: P3A09R609735DE010 E3D1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	959.4
2.5°	943.7
5°	917.8
7.5°	916.5
10°	934.2
12.5°	945.8
15°	928.1
17.5°	874.9
20°	797.2
22.5°	716.1
25°	648.0
27.5°	581.2
30°	502.2
32.5°	409.5
35°	309.4
37.5°	211.2
40°	132.9
42.5°	79.7
45°	47.0
47.5°	27.3
50°	14.3
52.5°	4.8
55°	3.4
57.5°	2.7
60°	2.7
62.5°	2.0
65°	2.0
67.5°	2.0
70°	1.4
72.5°	1.4
75°	1.4
77.5°	0.7
80°	0.7
82.5°	0.7
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)