

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: P1271778

Luminaire Tested: P3AS09R609827DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271778
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609827DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

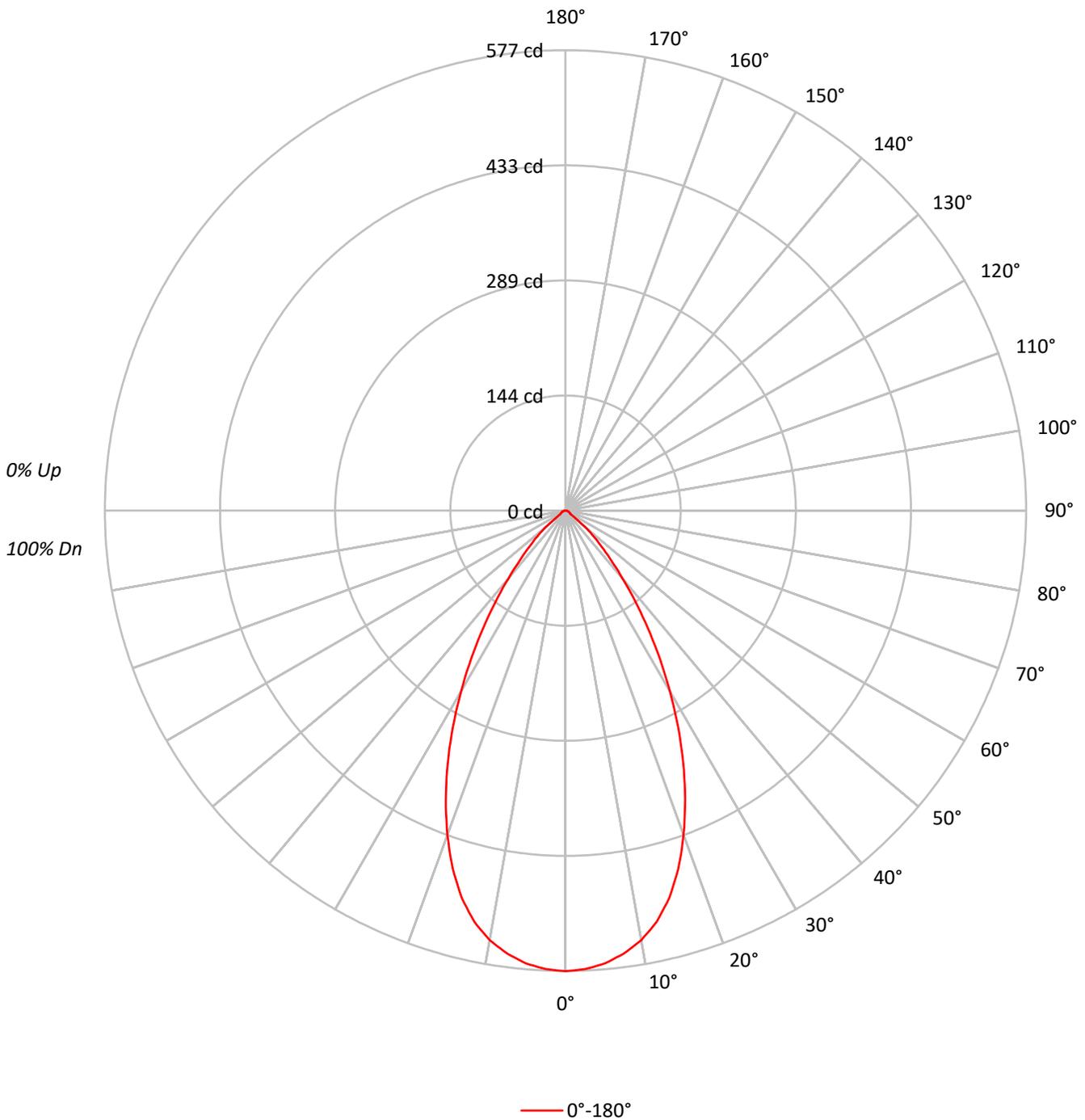
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 536.0 lumens
Efficiency: N/A
Efficacy: 48.7 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1271778
CATALOG NUMBER: P3AS09R609827DE010 E3DL1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1271778

CATALOG NUMBER: P3AS09R609827DE010 E3DL1MW

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			
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			
3	101	95	89	85	99	93	88	84	91	86	83	88	85	82	86	83	80	79			
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75	73			
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68			
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63			
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59			
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	126569
5°	125379
10°	121708
15°	114030
20°	100925
25°	84440
30°	66162
35°	47997
40°	31946
45°	19909
50°	10780
55°	3135
60°	2895
65°	2646
70°	2629
75°	2626
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19909 cd/sqm



TEST NUMBER: P1271778
 CATALOG NUMBER: P3AS09R609827DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.6	10.0
10°-20°	139.4	26.0
20°-30°	158.9	29.6
30°-40°	112.7	21.0
40°-50°	51.1	9.5
50°-60°	10.9	2.0
60°-70°	5.2	1.0
70°-80°	3.2	0.6
80°-90°	1.1	0.2
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°	351.8	65.6
0°-40°	464.5	86.7
0°-60°	526.5	98.2
0°-90°	536.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	536.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	577	
5°	570	54
15°	502	139
25°	349	159
35°	179	113
45°	64	51
55°	8	11
65°	5	5
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1271778
CATALOG NUMBER: P3AS09R609827DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	577.2
2.5°	575.2
5°	569.6
7.5°	559.9
10°	546.6
12.5°	527.8
15°	502.3
17.5°	470.2
20°	432.5
22.5°	391.8
25°	349.0
27.5°	305.2
30°	261.3
32.5°	219.6
35°	179.3
37.5°	143.7
40°	111.6
42.5°	84.6
45°	64.2
47.5°	47.9
50°	31.6
52.5°	14.8
55°	8.2
57.5°	7.1
60°	6.6
62.5°	6.1
65°	5.1
67.5°	4.6
70°	4.1
72.5°	3.6
75°	3.1
77.5°	2.5
80°	2.0
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)