

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: P1287648

Luminaire Tested: P3AS17R609030D2WDE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287648
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: P3AS17R609030D2WDE010 E3DL1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3DL1M
TRIM
Light Source: -
Ballast/Driver: -

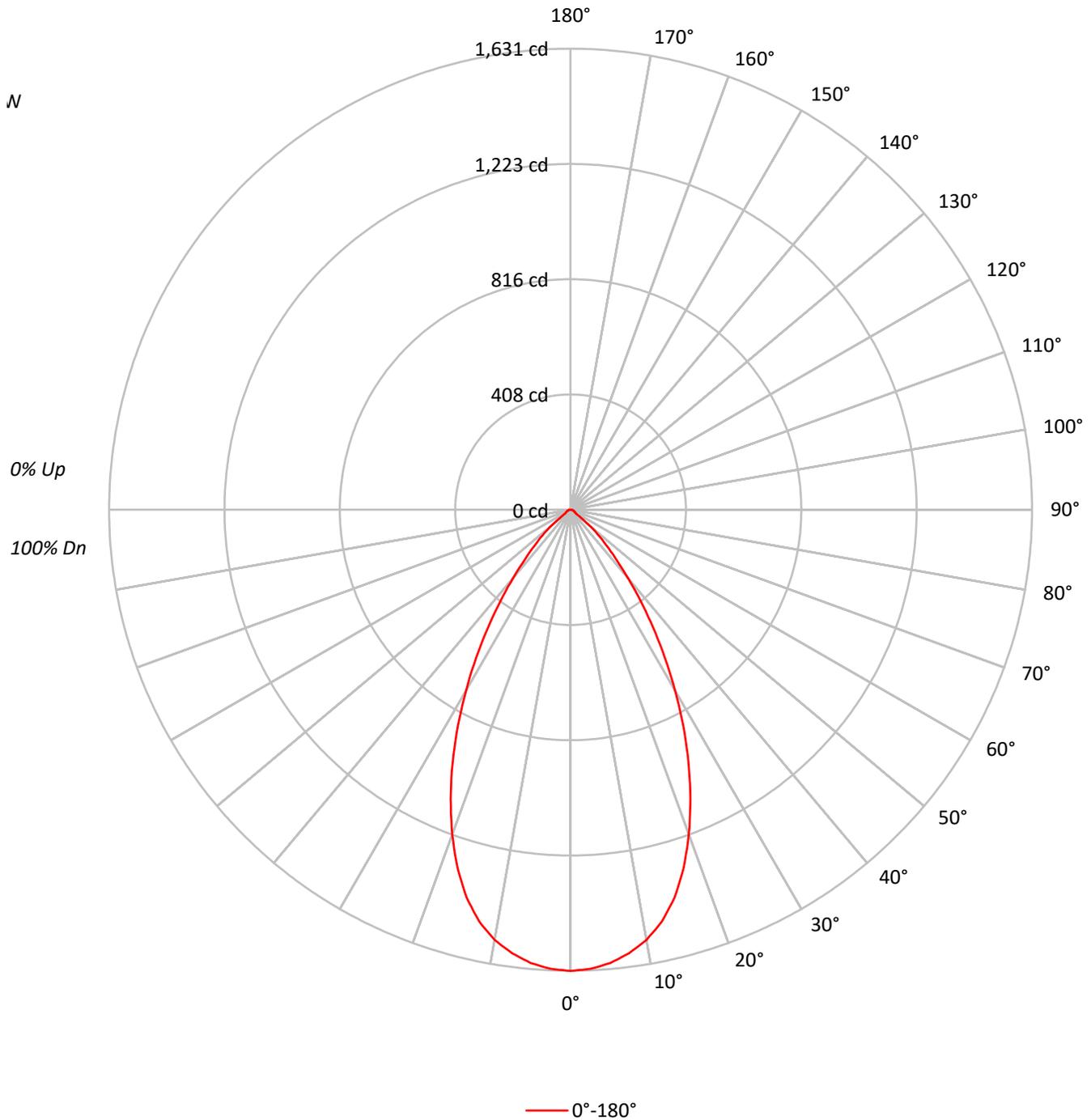
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1515.0 lumens
Efficiency: N/A
Efficacy: 55.5 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): 27.3
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

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Luminous Intensity Polar Plot





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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
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°	357734
5°	354346
10°	344015
15°	322317
20°	285275
25°	238635
30°	187041
35°	135693
40°	90255
45°	56254
50°	30464
55°	8793
60°	8201
65°	7472
70°	7373
75°	7286
80°	7324
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 56254 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.6	10.0
10°-20°	393.9	26.0
20°-30°	449.0	29.6
30°-40°	318.4	21.0
40°-50°	144.5	9.5
50°-60°	30.7	2.0
60°-70°	14.8	1.0
70°-80°	9.1	0.6
80°-90°	3.1	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°	994.5	65.6
0°-40°	1312.9	86.7
0°-60°	1488.0	98.2
0°-90°	1515.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1515.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1631	
5°	1610	152
15°	1420	394
25°	986	449
35°	507	318
45°	181	144
55°	23	31
65°	14	15
75°	9	9
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1631.4
2.5°	1625.7
5°	1609.8
7.5°	1582.5
10°	1545.0
12.5°	1491.8
15°	1419.8
17.5°	1329.0
20°	1222.5
22.5°	1107.3
25°	986.3
27.5°	862.5
30°	738.7
32.5°	620.6
35°	506.9
37.5°	406.1
40°	315.3
42.5°	239.0
45°	181.4
47.5°	135.4
50°	89.3
52.5°	41.8
55°	23.0
57.5°	20.2
60°	18.7
62.5°	17.3
65°	14.4
67.5°	13.0
70°	11.5
72.5°	10.1
75°	8.6
77.5°	7.2
80°	5.8
82.5°	4.3
85°	2.9
87.5°	1.4
90°	0.0

(END OF REPORT)