

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: P1262069

Luminaire Tested: P3AS05R609727DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262069
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: P3AS05R609727DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

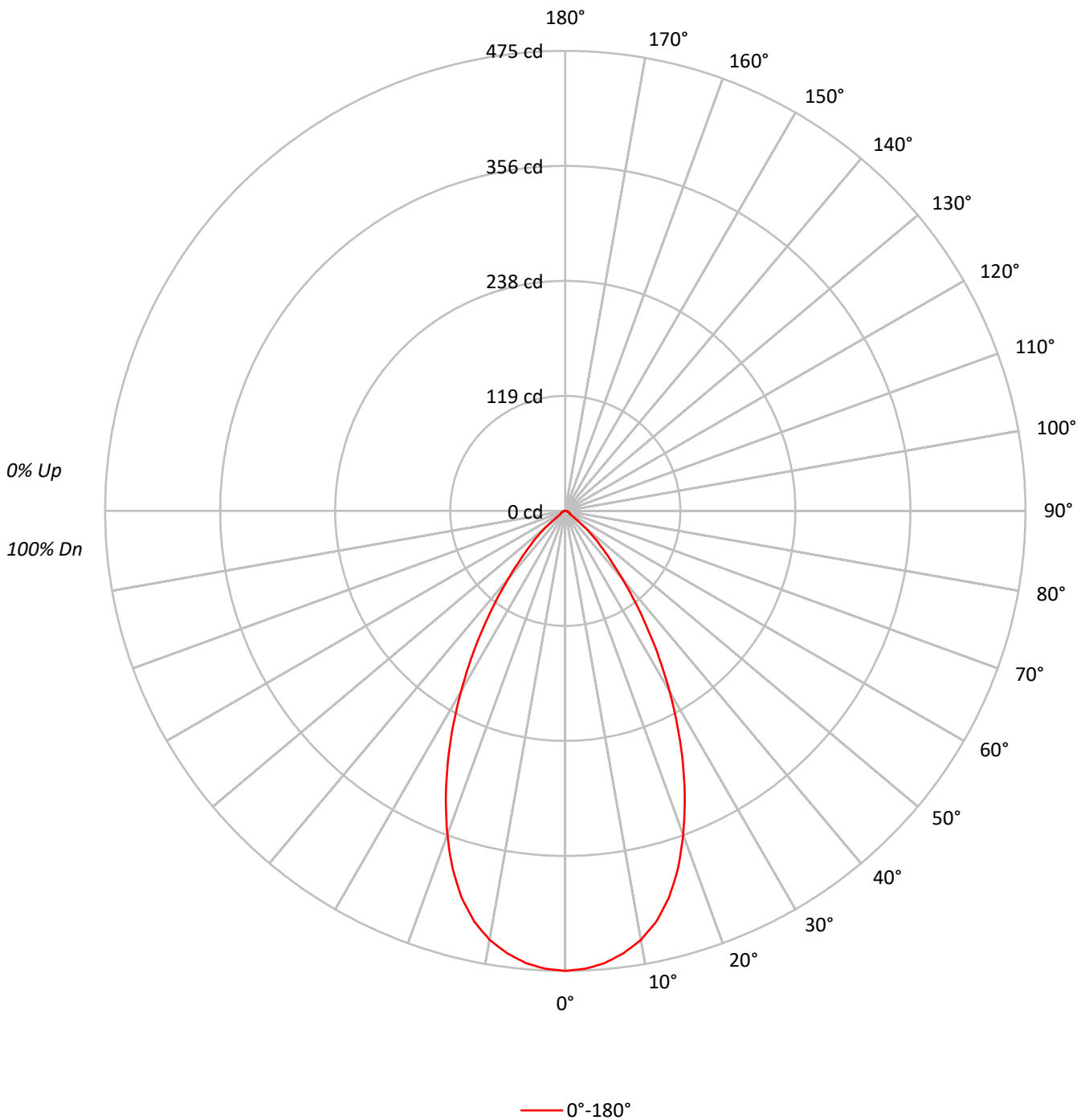
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 441.0 lumens
Efficiency: N/A
Efficacy: 61.3 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): 7.2
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				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
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	95	89	85	99	93	88	84	91	86	83	88	85	82	86	83	80	79				79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75	73				73
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68				68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63				63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	67	63	60	59				59
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55				55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51				51
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48				48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104136
5°	103147
10°	100132
15°	93826
20°	83051
25°	69464
30°	54439
35°	39485
40°	26278
45°	16374
50°	8870
55°	2561
60°	2368
65°	2179
70°	2180
75°	2118
80°	2147
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16374 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.1	10.0
10°-20°	114.7	26.0
20°-30°	130.7	29.6
30°-40°	92.7	21.0
40°-50°	42.1	9.5
50°-60°	8.9	2.0
60°-70°	4.3	1.0
70°-80°	2.7	0.6
80°-90°	0.9	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°	289.5	65.6
0°-40°	382.2	86.7
0°-60°	433.1	98.2
0°-90°	441.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	441.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	475	
5°	469	44
15°	413	115
25°	287	131
35°	148	93
45°	53	42
55°	7	9
65°	4	4
75°	2	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	474.9
2.5°	473.2
5°	468.6
7.5°	460.6
10°	449.7
12.5°	434.2
15°	413.3
17.5°	386.9
20°	355.9
22.5°	322.3
25°	287.1
27.5°	251.1
30°	215.0
32.5°	180.7
35°	147.5
37.5°	118.2
40°	91.8
42.5°	69.6
45°	52.8
47.5°	39.4
50°	26.0
52.5°	12.2
55°	6.7
57.5°	5.9
60°	5.4
62.5°	5.0
65°	4.2
67.5°	3.8
70°	3.4
72.5°	2.9
75°	2.5
77.5°	2.1
80°	1.7
82.5°	1.3
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)