

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: P1262073

Luminaire Tested: P3AS05R609727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262073
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R609727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

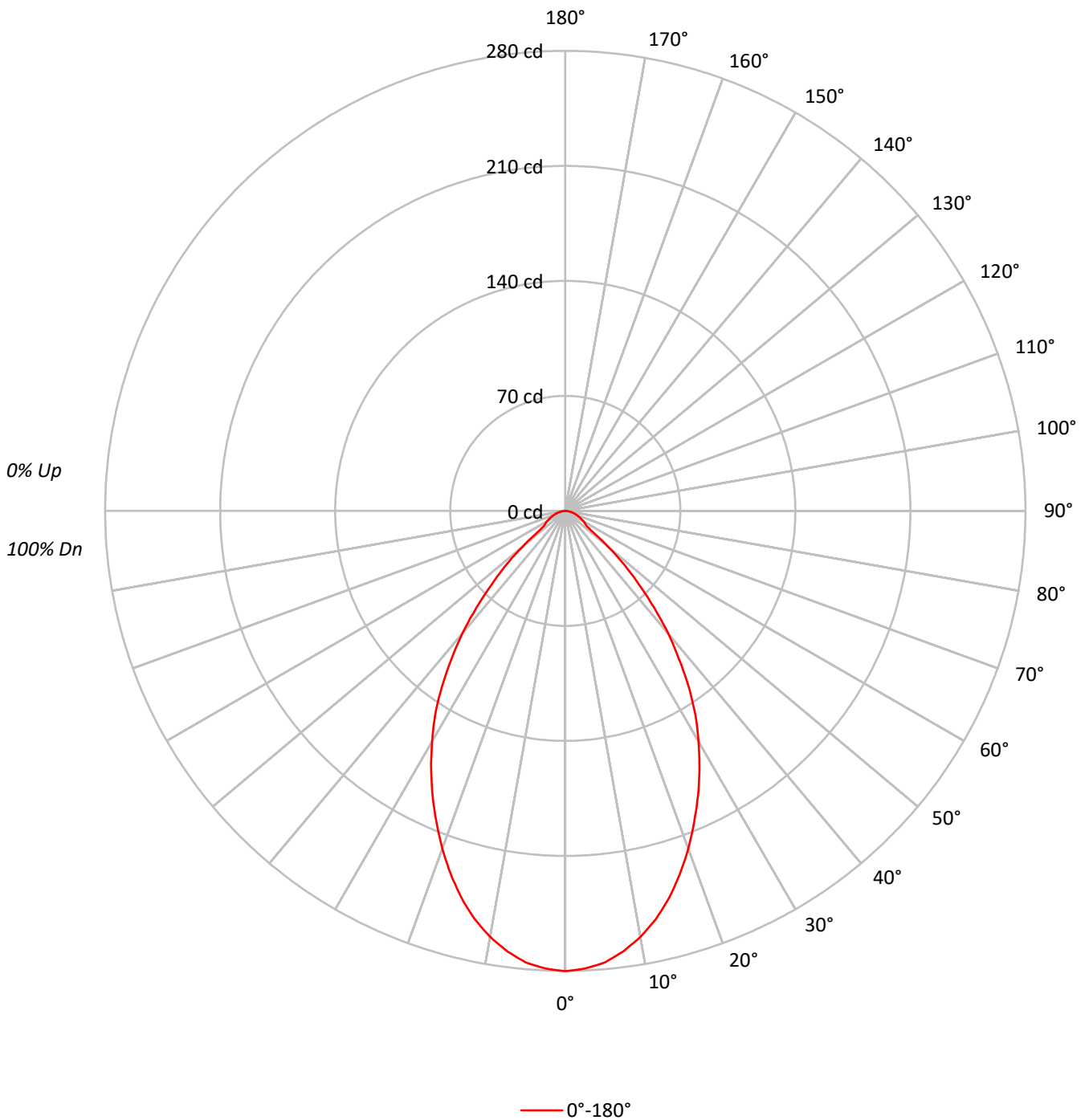
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 346.0 lumens
Efficiency: N/A
Efficacy: 48.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
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				
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	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82			82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74			74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61			61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56			56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51			51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47			47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44			44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41			41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	61421
5°	60731
10°	58627
15°	55392
20°	51058
25°	46237
30°	41044
35°	35068
40°	27881
45°	19661
50°	11735
55°	5926
60°	5701
65°	5241
70°	4873
75°	4660
80°	4293
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19661 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.9	7.5
10°-20°	68.2	19.7
20°-30°	87.6	25.3
30°-40°	81.2	23.5
40°-50°	49.4	14.3
50°-60°	16.5	4.8
60°-70°	10.0	2.9
70°-80°	5.7	1.6
80°-90°	1.6	0.5
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°	181.7	52.5
0°-40°	262.8	76.0
0°-60°	328.7	95.0
0°-90°	346.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	346.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	280	
5°	276	26
15°	244	68
25°	191	88
35°	131	81
45°	63	49
55°	16	16
65°	10	10
75°	6	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	280.1
2.5°	278.8
5°	275.9
7.5°	270.4
10°	263.3
12.5°	254.5
15°	244.0
17.5°	231.8
20°	218.8
22.5°	204.9
25°	191.1
27.5°	176.8
30°	162.1
32.5°	147.4
35°	131.0
37.5°	113.8
40°	97.4
42.5°	80.2
45°	63.4
47.5°	49.1
50°	34.4
52.5°	20.6
55°	15.5
57.5°	14.3
60°	13.0
62.5°	11.3
65°	10.1
67.5°	8.8
70°	7.6
72.5°	6.3
75°	5.5
77.5°	4.2
80°	3.4
82.5°	2.1
85°	1.3
87.5°	0.8
90°	0.0

(END OF REPORT)