

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: P1262044

Luminaire Tested: P3AS05R559727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262044
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R559727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

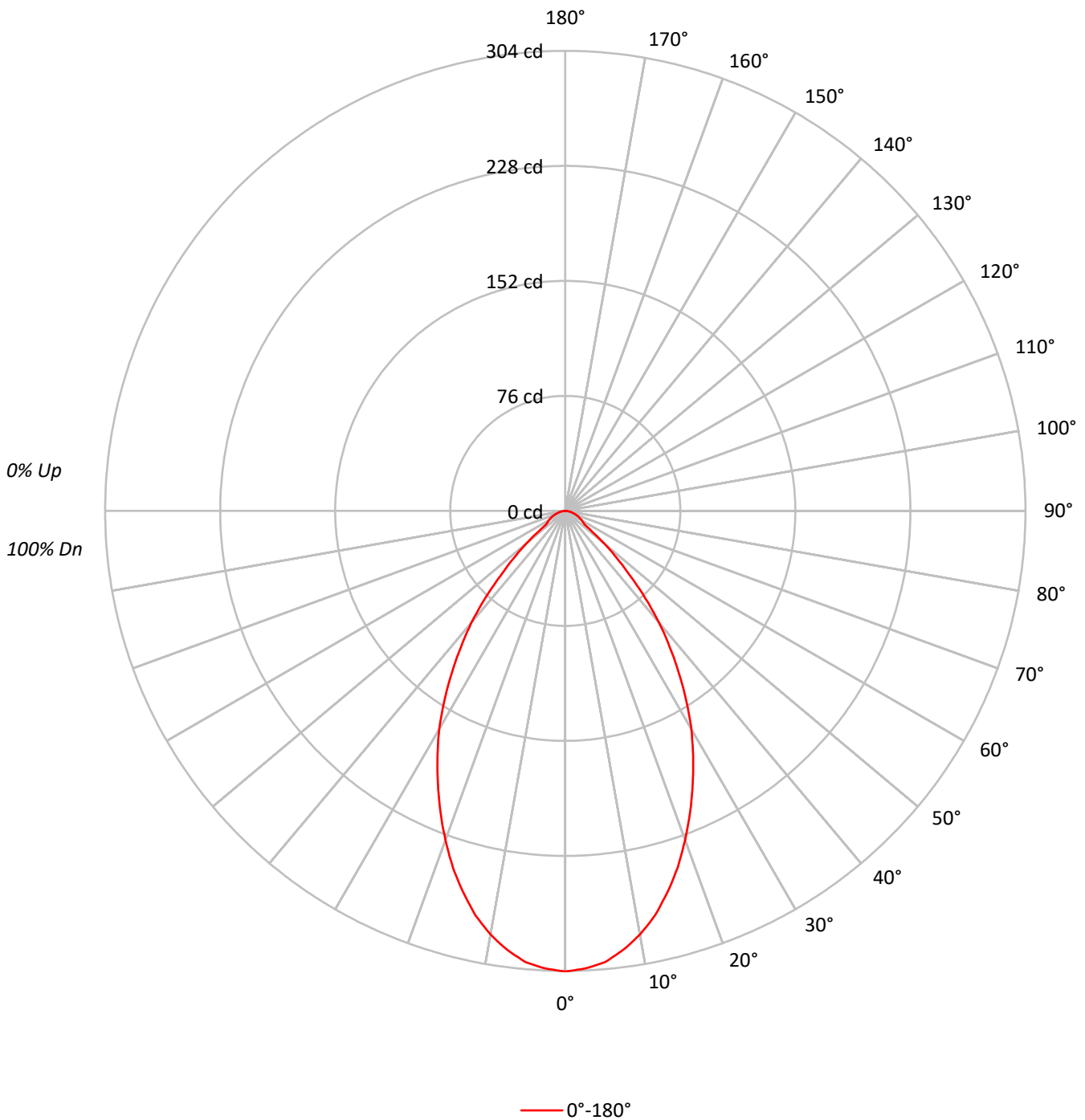
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 355.0 lumens
Efficiency: N/A
Efficacy: 49.3 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
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			
1	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91			
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48			
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	66749
5°	65903
10°	63303
15°	59206
20°	53998
25°	48196
30°	42158
35°	35014
40°	27595
45°	18731
50°	11428
55°	5926
60°	5526
65°	5241
70°	4809
75°	4236
80°	4293
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18731 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.1	7.9
10°-20°	72.9	20.5
20°-30°	91.3	25.7
30°-40°	81.5	23.0
40°-50°	47.7	13.4
50°-60°	16.5	4.6
60°-70°	10.0	2.8
70°-80°	5.5	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°	192.3	54.2
0°-40°	273.7	77.1
0°-60°	337.9	95.2
0°-90°	355.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	355.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	304	
5°	299	28
15°	261	73
25°	199	91
35°	131	81
45°	60	48
55°	16	16
65°	10	10
75°	5	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	304.4
2.5°	302.7
5°	299.4
7.5°	292.7
10°	284.3
12.5°	273.8
15°	260.8
17.5°	247.0
20°	231.4
22.5°	215.5
25°	199.2
27.5°	182.8
30°	166.5
32.5°	148.8
35°	130.8
37.5°	113.2
40°	96.4
42.5°	78.4
45°	60.4
47.5°	46.1
50°	33.5
52.5°	21.8
55°	15.5
57.5°	13.8
60°	12.6
62.5°	11.3
65°	10.1
67.5°	8.8
70°	7.5
72.5°	6.3
75°	5.0
77.5°	4.2
80°	3.4
82.5°	2.1
85°	1.3
87.5°	0.8
90°	0.0

(END OF REPORT)