

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: P1259183

Luminaire Tested: P3AS05R259050DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259183
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259050DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

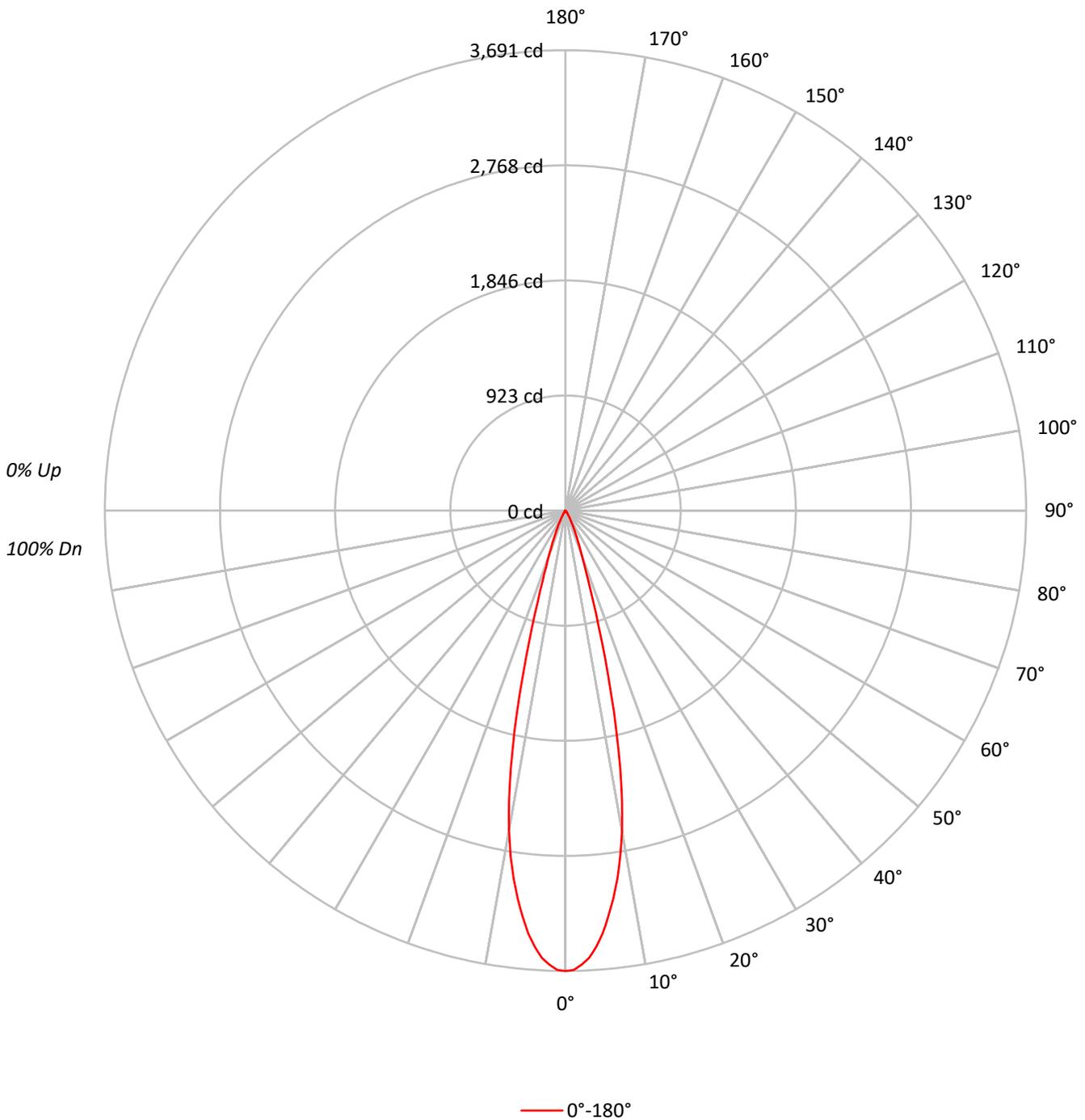
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 739.0 lumens
Efficiency: N/A
Efficacy: 102.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
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	99	99	100
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97	97	97	97
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	96	96	96	94
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89	89	89	89
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87	87	87	87
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85	85	85	85
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83	83	83	83
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81	81	81	81
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79	79	79	79
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77	77	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	809343
5°	749745
10°	580083
15°	277073
20°	91358
25°	38518
30°	14914
35°	6451
40°	2147
45°	992
50°	375
55°	191
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 992 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	299.4	40.5
10°-20°	340.5	46.1
20°-30°	79.1	10.7
30°-40°	16.6	2.2
40°-50°	2.7	0.4
50°-60°	0.4	0.1
60°-70°	0.3	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	719.0	97.3
0°-40°	735.6	99.5
0°-60°	738.8	100.0
0°-90°	739.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	739.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3691	
5°	3406	299
15°	1220	341
25°	159	79
35°	24	17
45°	3	3
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3690.9
1°	3683.4
2°	3645.1
3°	3591.2
4°	3509.0
5°	3406.1
6°	3274.0
7°	3135.7
8°	2980.6
9°	2805.6
10°	2605.2
11°	2372.9
12°	2106.3
13°	1814.2
14°	1508.8
15°	1220.5
16°	965.4
17°	752.1
18°	591.6
19°	473.2
20°	391.5
21°	327.2
22°	274.6
23°	229.4
24°	191.8
25°	159.2
27.5°	94.3
30°	58.9
32.5°	37.8
35°	24.1
37.5°	14.5
40°	7.5
42.5°	4.8
45°	3.2
47.5°	1.9
50°	1.1
52.5°	0.5
55°	0.5
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.0
72.5°	0.0



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CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)