

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: P1245956

Luminaire Tested: P3A05R109024DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245956
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R109024DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R10 optic, 2400K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

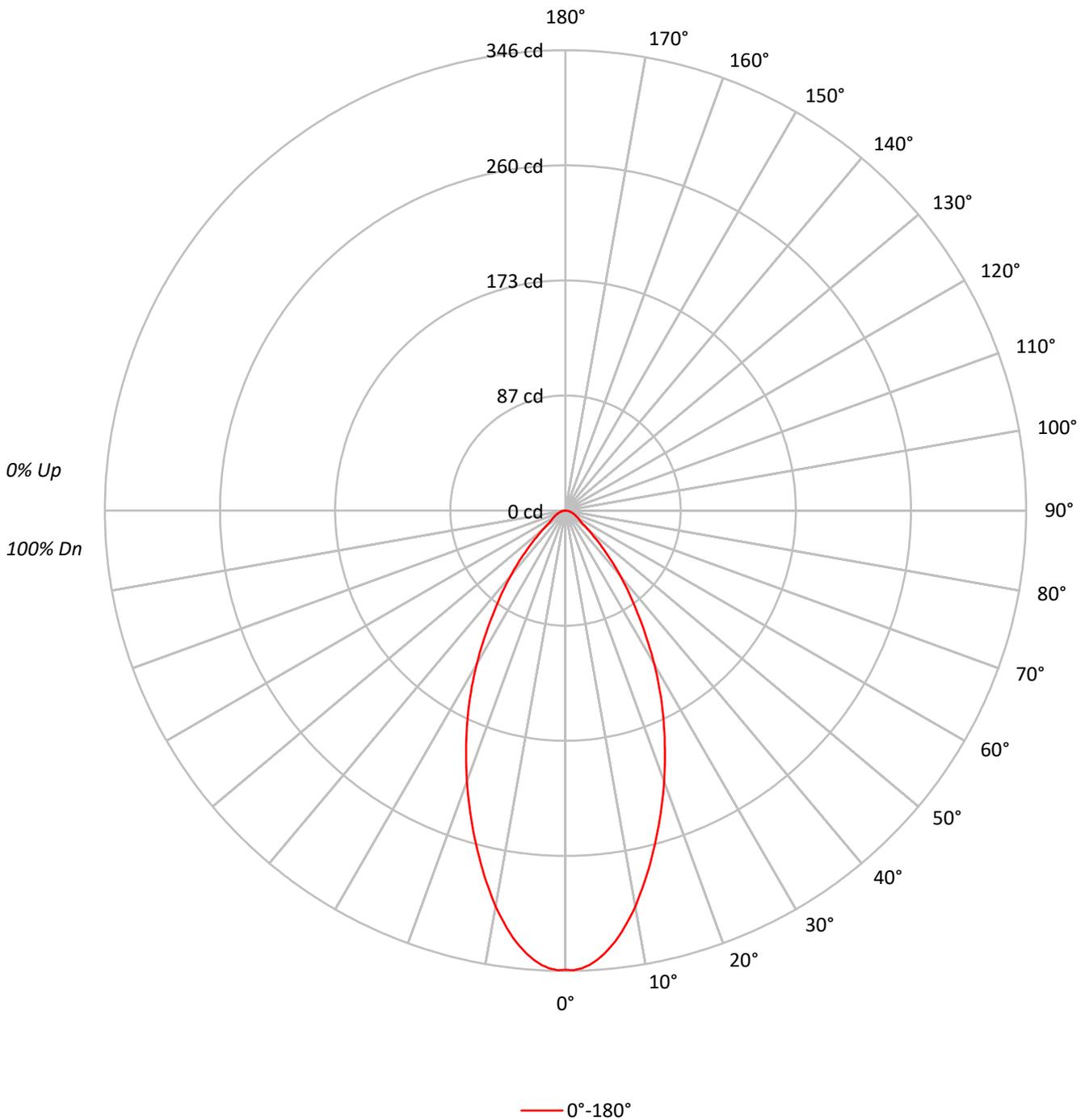
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 300.0 lumens
Efficiency: N/A
Efficacy: 38.0 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83				83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76				76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65				65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60				60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56				56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75674
5°	73608
10°	67267
15°	58933
20°	50544
25°	42196
30°	33777
35°	25324
40°	18377
45°	12032
50°	7505
55°	5085
60°	4517
65°	4151
70°	3911
75°	3558
80°	3410
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12032 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.9	10.3
10°-20°	72.3	24.1
20°-30°	79.7	26.6
30°-40°	59.7	19.9
40°-50°	30.9	10.3
50°-60°	12.8	4.3
60°-70°	7.9	2.6
70°-80°	4.5	1.5
80°-90°	1.3	0.4
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°	182.9	61.0
0°-40°	242.5	80.9
0°-60°	286.3	95.4
0°-90°	300.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	300.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	345	
5°	334	31
15°	260	72
25°	174	80
35°	95	60
45°	39	31
55°	13	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	345.1
1°	345.5
2°	344.3
3°	342.0
4°	338.6
5°	334.4
6°	329.1
7°	323.4
8°	316.6
9°	309.4
10°	302.1
12.5°	281.2
15°	259.6
17.5°	237.9
20°	216.6
22.5°	195.0
25°	174.4
27.5°	153.9
30°	133.4
32.5°	113.3
35°	94.6
37.5°	78.7
40°	64.2
42.5°	50.9
45°	38.8
47.5°	29.3
50°	22.0
52.5°	16.3
55°	13.3
57.5°	11.8
60°	10.3
62.5°	9.1
65°	8.0
67.5°	6.8
70°	6.1
72.5°	4.9
75°	4.2
77.5°	3.4
80°	2.7
82.5°	1.9
85°	1.1
87.5°	0.4
90°	0.0

(END OF REPORT)