

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: P1259011

Luminaire Tested: P3AS02R609050DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259011
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R609050DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

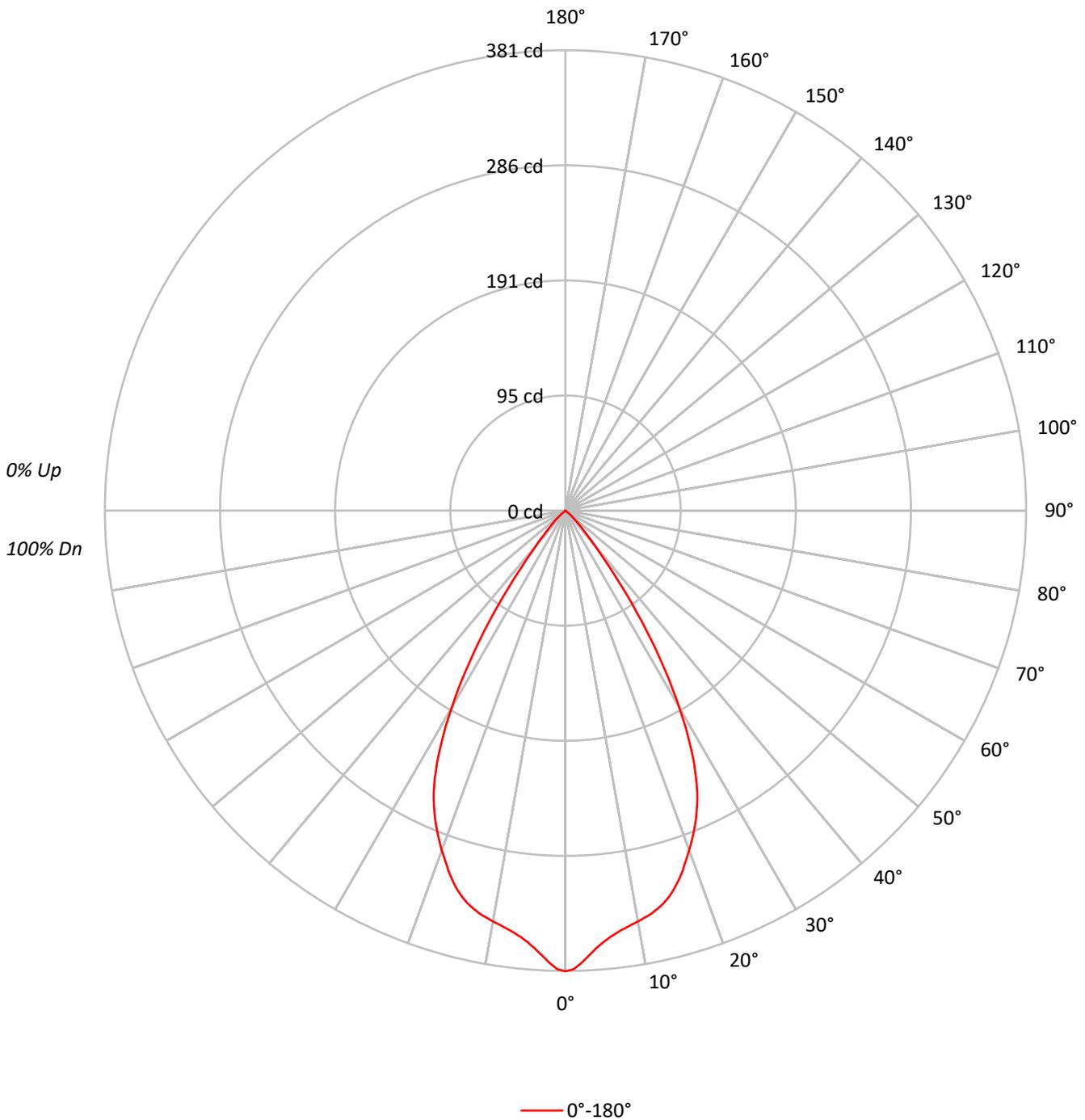
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 319.0 lumens
Efficiency: N/A
Efficacy: 88.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1259011
CATALOG NUMBER: P3AS02R609050DE010 E3D1LI

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	100	100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88	88
3	103	97	92	88	101	96	91	88	93	89	86	91	87	85	88	86	84	82	82	82	82
4	98	91	85	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77	77	77	77
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72	72	72	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	67	67	67	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63	63	63	63
8	81	71	65	61	79	71	65	61	70	65	61	69	64	61	68	64	61	59	59	59	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56	56	56	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	83590
5°	78912
10°	76863
15°	75097
20°	69819
25°	62423
30°	47678
35°	27519
40°	10677
45°	4466
50°	989
55°	153
60°	132
65°	52
70°	64
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4466 cd/sqm



TEST NUMBER: P1259011

CATALOG NUMBER: P3AS02R609050DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.8	10.6
10°-20°	92.1	28.9
20°-30°	115.4	36.2
30°-40°	64.5	20.2
40°-50°	12.3	3.8
50°-60°	0.7	0.2
60°-70°	0.1	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°	241.4	75.7
0°-40°	305.9	95.9
0°-60°	318.8	99.9
0°-90°	319.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	319.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	381	
5°	358	34
15°	331	92
25°	258	115
35°	103	65
45°	14	12
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1259011
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CANDELA DISTRIBUTION (FULL):

0°	
0°	381.2
1°	379.6
2°	374.6
3°	368.8
4°	363.3
5°	358.5
6°	354.8
7°	351.7
8°	349.3
9°	347.1
10°	345.2
11°	343.2
12°	341.0
13°	338.2
14°	335.0
15°	330.8
16°	325.7
17°	320.0
18°	313.4
19°	306.0
20°	299.2
21°	291.9
22°	284.3
23°	276.4
24°	267.6
25°	258.0
26°	246.6
27°	234.0
28°	219.7
29°	204.6
30°	188.3
31°	171.9
32°	154.9
32.5°	145.6
33°	137.3
34°	119.9
35°	102.8
36°	87.4
37°	71.1
37.5°	63.7
38°	56.4
39°	45.4
40°	37.3
42.5°	22.7
45°	14.4



TEST NUMBER: P1259011
CATALOG NUMBER: P3AS02R609050DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	8.0
50°	2.9
52.5°	0.7
55°	0.4
57.5°	0.3
60°	0.3
62.5°	0.1
65°	0.1
67.5°	0.1
70°	0.1
72.5°	0.1
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)