

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: P1248997

Luminaire Tested: P3AS09R559027DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248997
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: P3AS09R559027DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

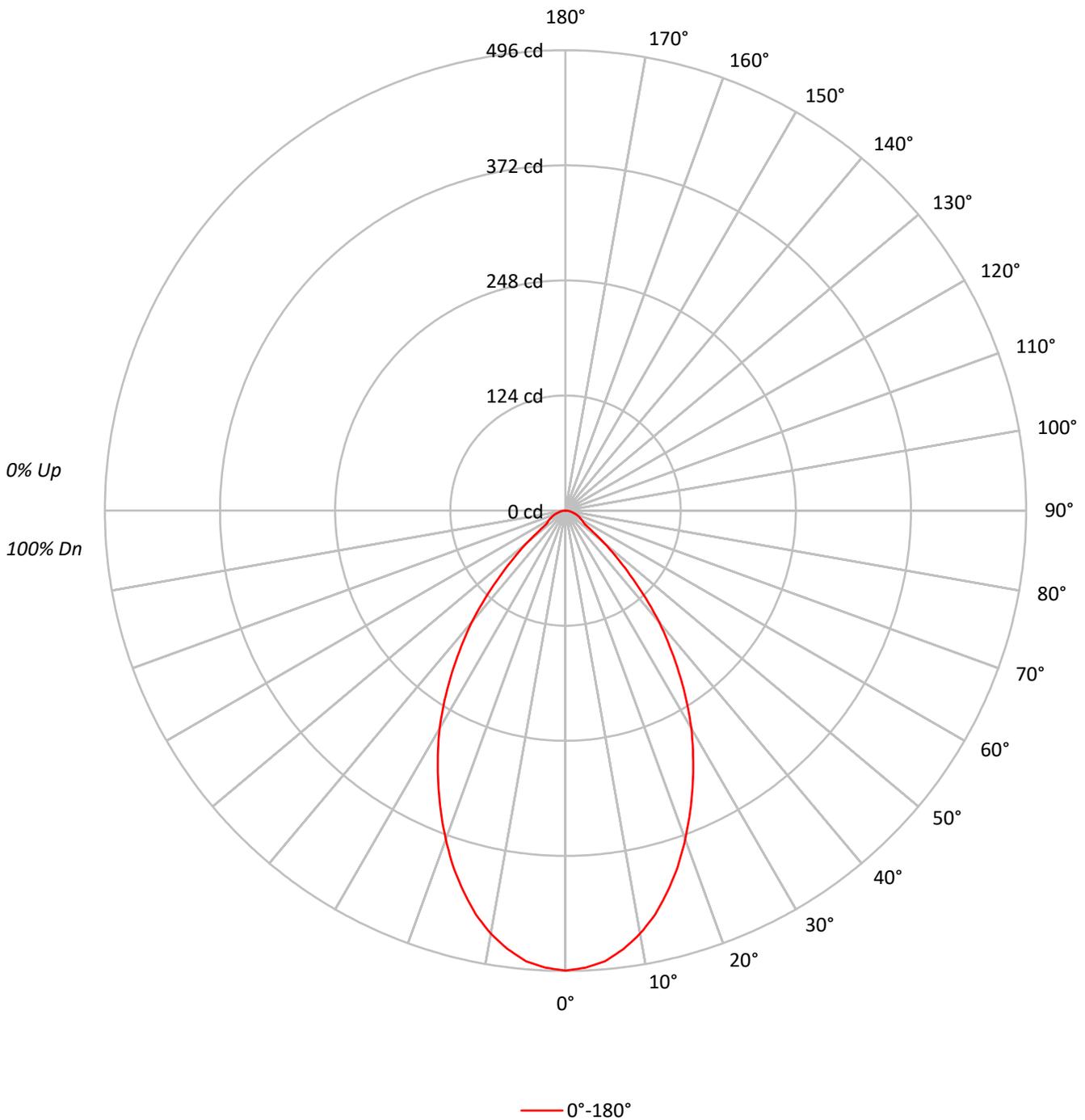
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 578.0 lumens
Efficiency: N/A
Efficacy: 52.1 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): 11.1
Input Voltage (V): NR
Input Current (A_{in}): 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°	108676
5°	107286
10°	103049
15°	96391
20°	87928
25°	78464
30°	68618
35°	57018
40°	44941
45°	30484
50°	18626
55°	9672
60°	8991
65°	8509
70°	7886
75°	6947
80°	6945
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 30484 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.7	7.9
10°-20°	118.7	20.5
20°-30°	148.6	25.7
30°-40°	132.7	23.0
40°-50°	77.7	13.4
50°-60°	26.8	4.6
60°-70°	16.2	2.8
70°-80°	9.0	1.6
80°-90°	2.6	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°	313.0	54.2
0°-40°	445.7	77.1
0°-60°	550.2	95.2
0°-90°	578.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	578.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	496	
5°	487	46
15°	425	119
25°	324	149
35°	213	133
45°	98	78
55°	25	27
65°	16	16
75°	8	9
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	495.6
2.5°	492.9
5°	487.4
7.5°	476.5
10°	462.8
12.5°	445.8
15°	424.6
17.5°	402.1
20°	376.8
22.5°	350.9
25°	324.3
27.5°	297.6
30°	271.0
32.5°	242.3
35°	213.0
37.5°	184.3
40°	157.0
42.5°	127.7
45°	98.3
47.5°	75.1
50°	54.6
52.5°	35.5
55°	25.3
57.5°	22.5
60°	20.5
62.5°	18.4
65°	16.4
67.5°	14.3
70°	12.3
72.5°	10.2
75°	8.2
77.5°	6.8
80°	5.5
82.5°	3.4
85°	2.0
87.5°	1.4
90°	0.0

(END OF REPORT)