

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: P1262449

Luminaire Tested: P3AS09R609727DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262449
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609727DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

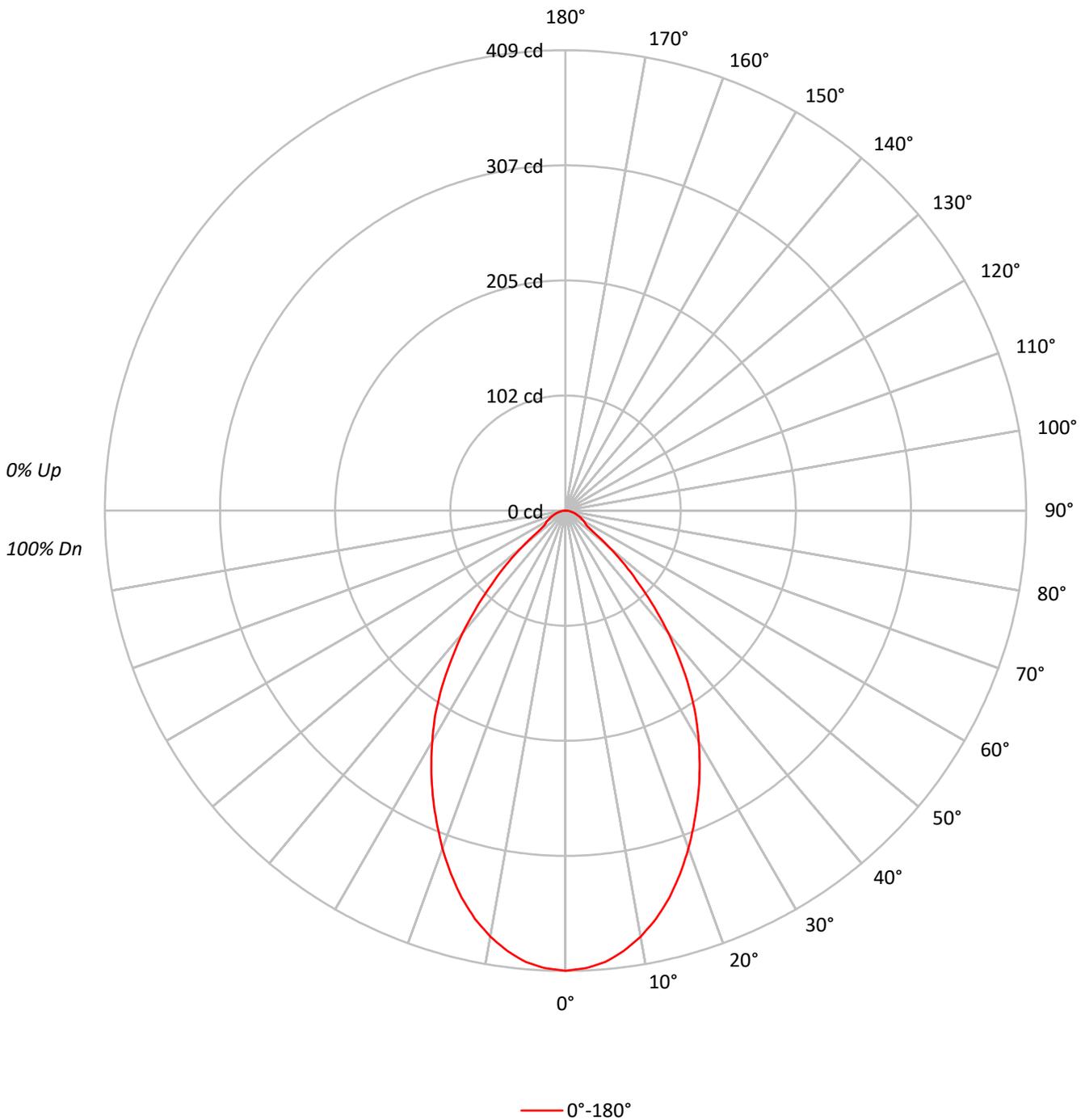
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 505.0 lumens
Efficiency: N/A
Efficacy: 45.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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			100
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82			82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74			74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61			61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56			56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51			51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47			47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44			44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41			41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	89642
5°	88642
10°	85570
15°	80840
20°	74510
25°	67480
30°	59908
35°	51183
40°	40705
45°	28716
50°	17159
55°	8678
60°	8333
65°	7627
70°	7052
75°	6778
80°	6188
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 28716 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.8	7.5
10°-20°	99.5	19.7
20°-30°	127.8	25.3
30°-40°	118.5	23.5
40°-50°	72.2	14.3
50°-60°	24.0	4.8
60°-70°	14.6	2.9
70°-80°	8.2	1.6
80°-90°	2.3	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°	265.1	52.5
0°-40°	383.6	76.0
0°-60°	479.8	95.0
0°-90°	505.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	505.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	409	
5°	403	38
15°	356	100
25°	279	128
35°	191	118
45°	93	72
55°	23	24
65°	15	15
75°	8	8
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	408.8
2.5°	407.0
5°	402.7
7.5°	394.7
10°	384.3
12.5°	371.4
15°	356.1
17.5°	338.3
20°	319.3
22.5°	299.1
25°	278.9
27.5°	258.0
30°	236.6
32.5°	215.1
35°	191.2
37.5°	166.1
40°	142.2
42.5°	117.1
45°	92.6
47.5°	71.7
50°	50.3
52.5°	30.0
55°	22.7
57.5°	20.8
60°	19.0
62.5°	16.5
65°	14.7
67.5°	12.9
70°	11.0
72.5°	9.2
75°	8.0
77.5°	6.1
80°	4.9
82.5°	3.1
85°	1.8
87.5°	1.2
90°	0.0

(END OF REPORT)