

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: P1275838

Luminaire Tested: P3AS09R459835DE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275838
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R459835DE010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

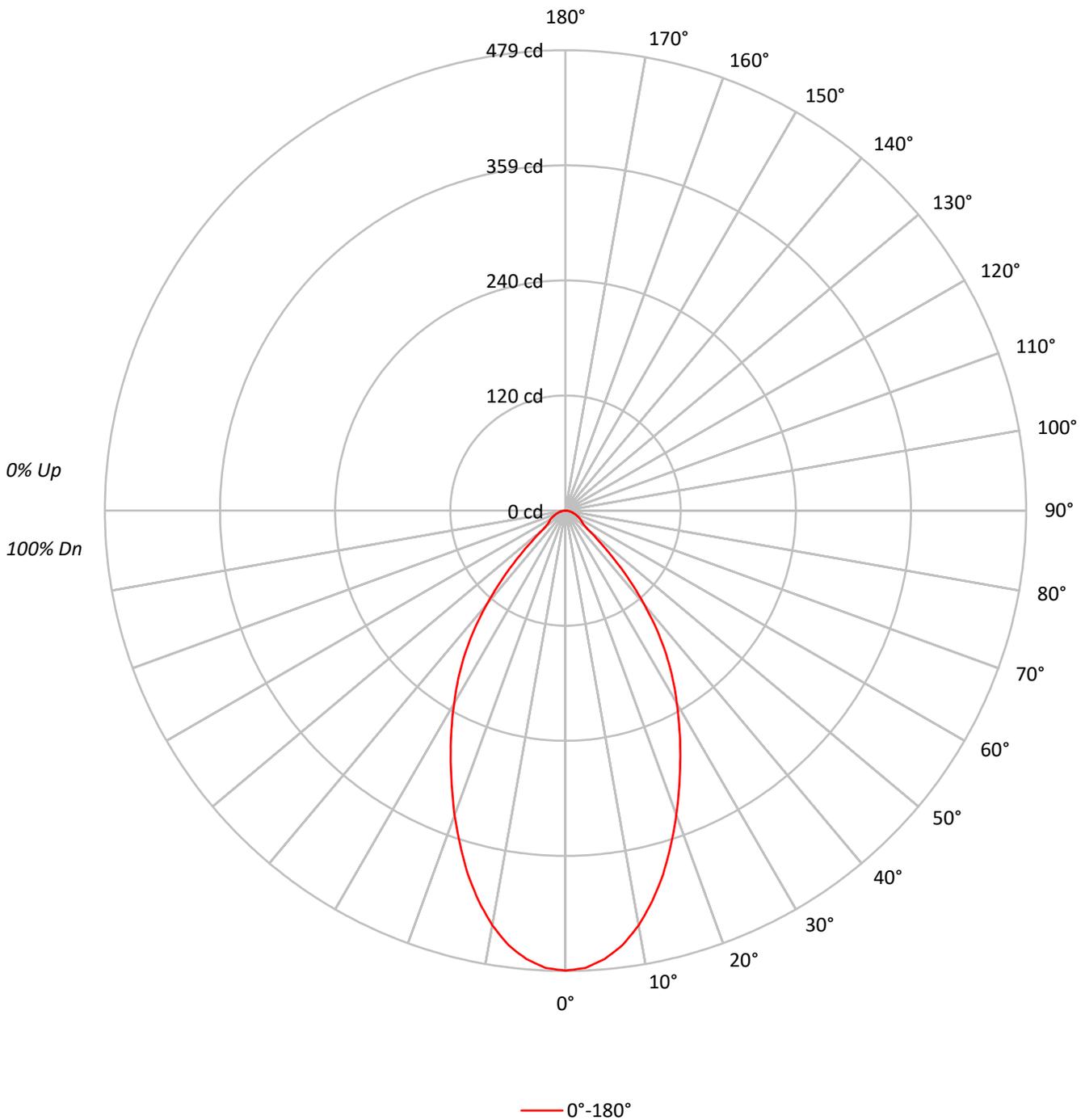
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 495.0 lumens
Efficiency: N/A
Efficacy: 45.0 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83				83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75				75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69				69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58				58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54				54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50				50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47				47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44				44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104948
5°	103081
10°	97549
15°	88968
20°	78664
25°	68327
30°	58642
35°	48854
40°	36411
45°	22297
50°	10302
55°	8067
60°	7763
65°	7108
70°	6604
75°	6270
80°	5809
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 22297 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.8	8.8
10°-20°	109.1	22.0
20°-30°	129.6	26.2
30°-40°	112.6	22.8
40°-50°	56.5	11.4
50°-60°	19.6	4.0
60°-70°	13.8	2.8
70°-80°	7.7	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°	282.5	57.1
0°-40°	395.1	79.8
0°-60°	471.2	95.2
0°-90°	495.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	495.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	479	
5°	468	44
15°	392	109
25°	282	130
35°	182	113
45°	72	56
55°	21	20
65°	14	14
75°	7	8
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	478.6
2.5°	476.3
5°	468.3
7.5°	455.8
10°	438.1
12.5°	416.4
15°	391.9
17.5°	364.5
20°	337.1
22.5°	309.2
25°	282.4
27.5°	256.7
30°	231.6
32.5°	207.6
35°	182.5
37.5°	155.7
40°	127.2
42.5°	99.3
45°	71.9
47.5°	47.3
50°	30.2
52.5°	23.4
55°	21.1
57.5°	19.4
60°	17.7
62.5°	16.0
65°	13.7
67.5°	12.0
70°	10.3
72.5°	8.6
75°	7.4
77.5°	5.7
80°	4.6
82.5°	3.4
85°	1.7
87.5°	1.1
90°	0.0

(END OF REPORT)