

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: P1254385

Luminaire Tested: P3AS09R509035DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254385
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R509035DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

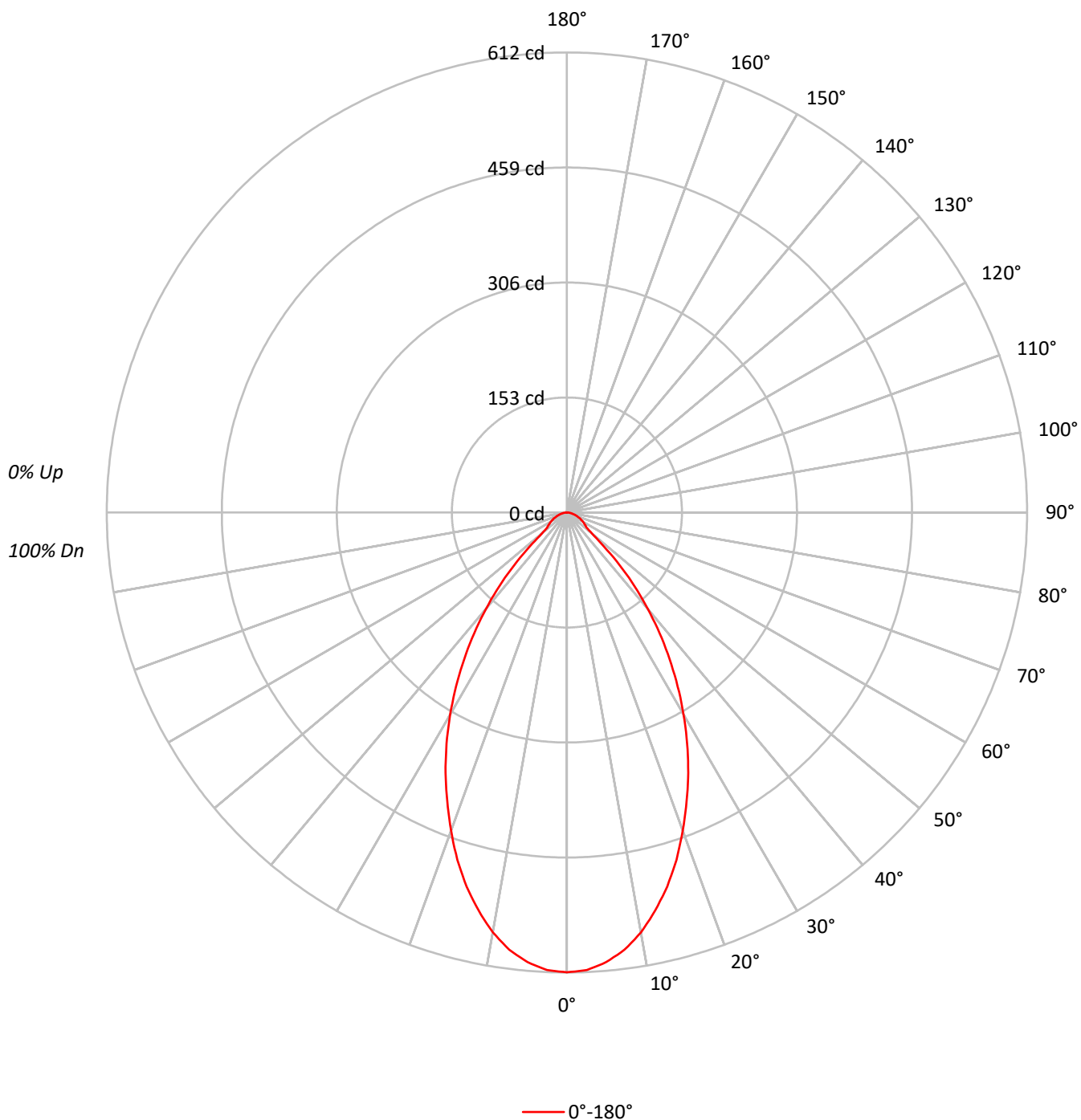
Lumens per Lamp: N/A
Luminaire Lumens: 659.9 lumens
Efficiency: N/A
Efficacy: 59.5 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	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		100
1	112	109	106	103	110	107	104	102	103	101	99		99	97	96		91
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		83
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		75
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		69
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		63
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		58
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		53
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		50
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		46
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	134134
5°	132159
10°	126295
15°	116959
20°	105126
25°	92400
30°	78569
35°	63711
40°	47861
45°	30825
50°	14635
55°	11507
60°	10920
65°	10170
70°	9168
75°	8303
80°	7577
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 30825 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.3	8.5
10°-20°	143.7	21.8
20°-30°	174.5	26.4
30°-40°	148.0	22.4
40°-50°	76.9	11.6
50°-60°	27.7	4.2
60°-70°	19.2	2.9
70°-80°	10.4	1.6
80°-90°	3.3	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°	374.5	56.7
0°-40°	522.5	79.2
0°-60°	627.1	95.0
0°-90°	659.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	659.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	612	
5°	600	56
15°	515	144
25°	382	175
35°	238	148
45°	99	77
55°	30	28
65°	20	19
75°	10	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	611.7
2.5°	609.4
5°	600.4
7.5°	586.8
10°	567.2
12.5°	542.4
15°	515.2
17.5°	484.4
20°	450.5
22.5°	415.8
25°	381.9
27.5°	346.5
30°	310.3
32.5°	274.2
35°	238.0
37.5°	202.6
40°	167.2
42.5°	133.3
45°	99.4
47.5°	66.3
50°	42.9
52.5°	33.1
55°	30.1
57.5°	27.1
60°	24.9
62.5°	21.8
65°	19.6
67.5°	16.6
70°	14.3
72.5°	12.1
75°	9.8
77.5°	7.5
80°	6.0
82.5°	4.5
85°	3.0
87.5°	1.5
90°	0.0

(END OF REPORT)