

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: P1266308

Luminaire Tested: P3A02R409735DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266308
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R409735DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

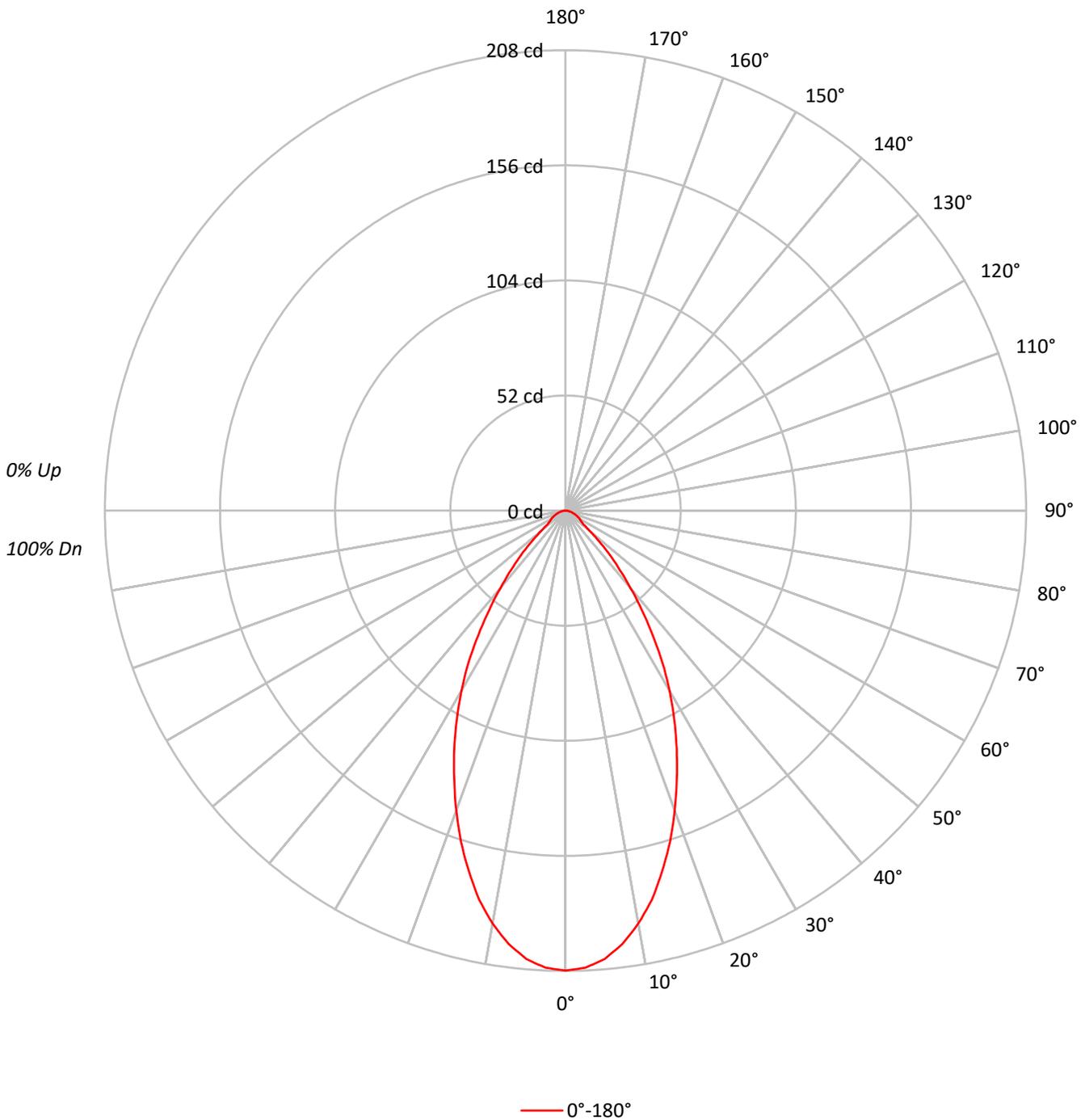
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 203.1 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 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

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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	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	60	56	52	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44			44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45567
5°	44750
10°	42172
15°	38298
20°	33650
25°	28744
30°	23801
35°	18364
40°	13082
45°	8807
50°	4810
55°	3403
60°	3201
65°	2958
70°	2629
75°	2542
80°	2020
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8807 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.0	9.3
10°-20°	47.0	23.1
20°-30°	54.3	26.8
30°-40°	42.8	21.1
40°-50°	22.0	10.8
50°-60°	8.4	4.1
60°-70°	5.6	2.8
70°-80°	3.0	1.5
80°-90°	0.9	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°	120.3	59.2
0°-40°	163.1	80.3
0°-60°	193.5	95.3
0°-90°	203.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	203.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	208	
5°	203	19
15°	169	47
25°	119	54
35°	69	43
45°	28	22
55°	9	8
65°	6	6
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	207.8
2.5°	206.7
5°	203.3
7.5°	197.4
10°	189.4
12.5°	180.1
15°	168.7
17.5°	156.9
20°	144.2
22.5°	131.3
25°	118.8
27.5°	106.3
30°	94.0
32.5°	81.5
35°	68.6
37.5°	56.6
40°	45.7
42.5°	36.3
45°	28.4
47.5°	20.7
50°	14.1
52.5°	10.2
55°	8.9
57.5°	7.9
60°	7.3
62.5°	6.4
65°	5.7
67.5°	4.8
70°	4.1
72.5°	3.4
75°	3.0
77.5°	2.3
80°	1.6
82.5°	1.4
85°	0.7
87.5°	0.5
90°	0.0

(END OF REPORT)