

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: P1256134

Luminaire Tested: P3AS02R209040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256134
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

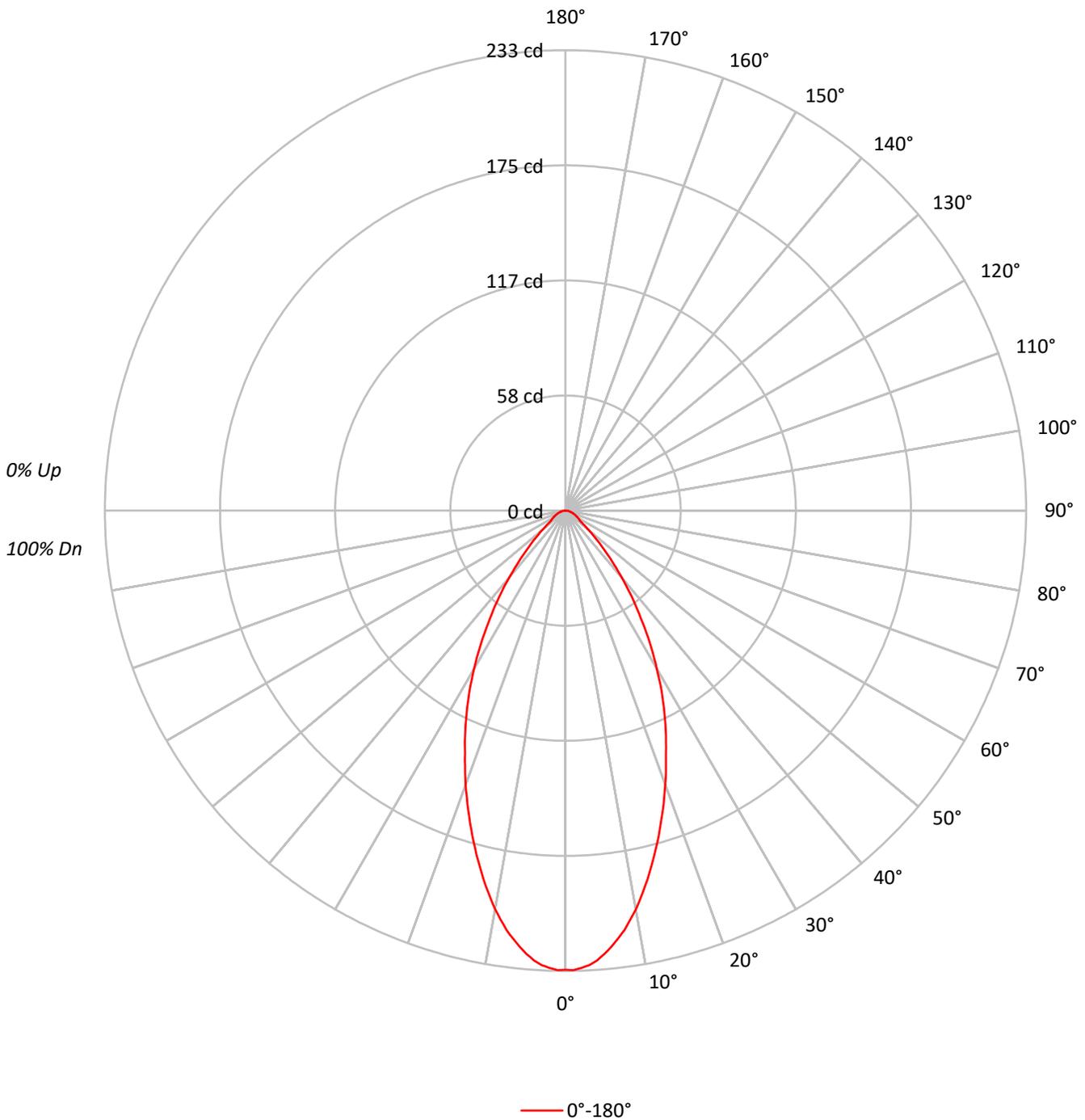
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 206.1 lumens
Efficiency: N/A
Efficacy: 57.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
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				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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83				83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76				76
4	94	86	79	75	92	84	79	74	82	77	73	80	76	72	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	64				64
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60				60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55				55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52				52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48				48
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	50961
5°	49593
10°	45624
15°	40159
20°	34443
25°	28937
30°	23396
35°	17802
40°	12652
45°	8373
50°	5185
55°	3403
60°	3114
65°	2854
70°	2693
75°	2457
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8373 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.8	10.1
10°-20°	49.2	23.9
20°-30°	54.7	26.5
30°-40°	41.7	20.2
40°-50°	21.4	10.4
50°-60°	8.8	4.3
60°-70°	5.5	2.7
70°-80°	3.1	1.5
80°-90°	0.9	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°	124.7	60.5
0°-40°	166.4	80.8
0°-60°	196.6	95.4
0°-90°	206.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	206.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	232	
5°	225	21
15°	177	49
25°	120	55
35°	66	42
45°	27	21
55°	9	9
65°	6	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	232.4
1°	232.6
2°	231.6
3°	230.3
4°	228.2
5°	225.3
6°	221.9
7°	218.2
8°	214.3
9°	209.6
10°	204.9
12.5°	191.3
15°	176.9
17.5°	162.2
20°	147.6
22.5°	132.9
25°	119.6
27.5°	106.2
30°	92.4
32.5°	79.3
35°	66.5
37.5°	55.2
40°	44.2
42.5°	34.8
45°	27.0
47.5°	20.4
50°	15.2
52.5°	11.3
55°	8.9
57.5°	8.1
60°	7.1
62.5°	6.3
65°	5.5
67.5°	4.7
70°	4.2
72.5°	3.4
75°	2.9
77.5°	2.4
80°	1.8
82.5°	1.3
85°	0.8
87.5°	0.3
90°	0.0

(END OF REPORT)