

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: P1245812

Luminaire Tested: P3A02R509024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245812
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: P3A02R509024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

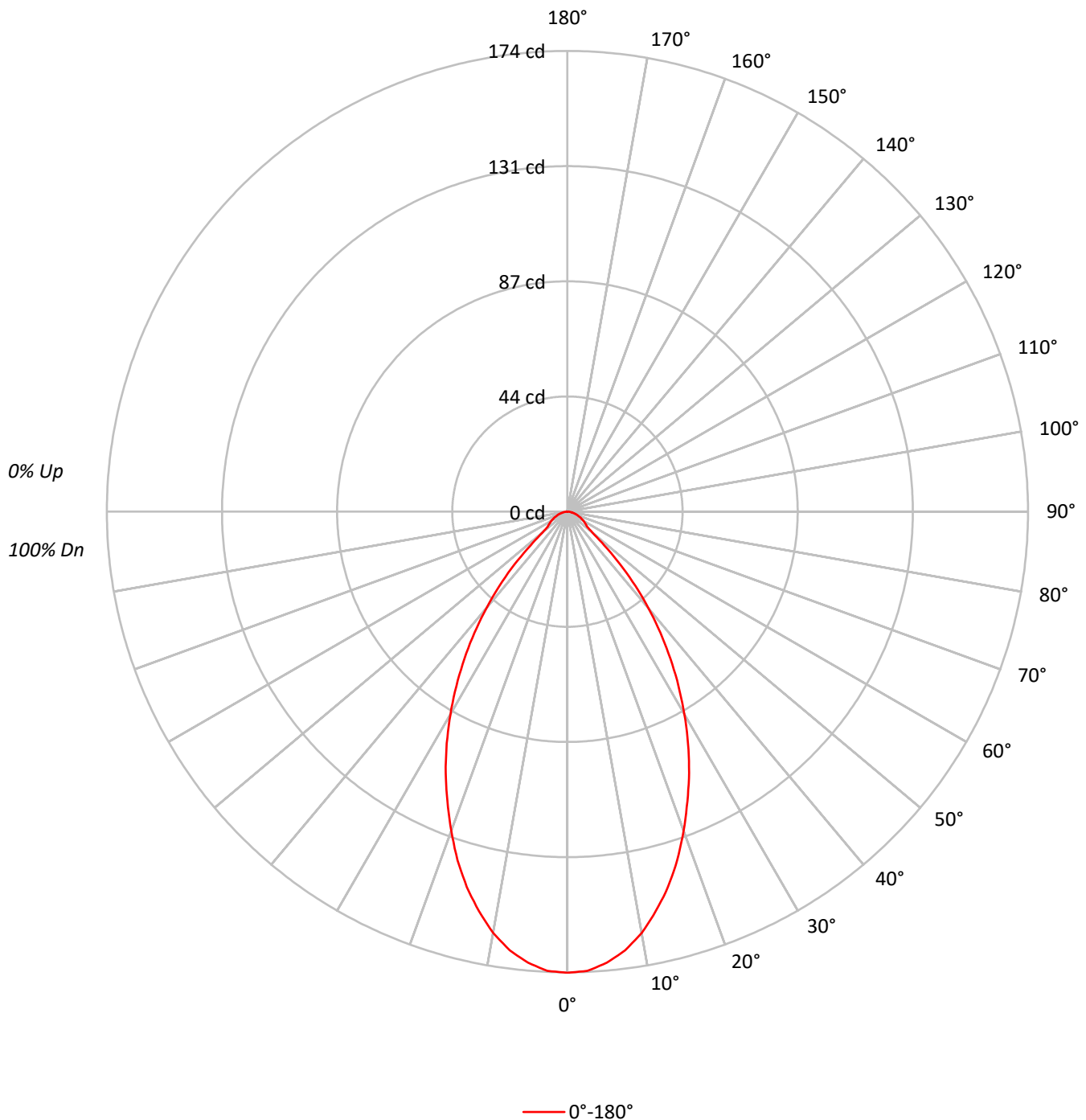
Lumens per Lamp: N/A
Luminaire Lumens: 188.0 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	38199
5°	37640
10°	35982
15°	33326
20°	29939
25°	26324
30°	22383
35°	18150
40°	13626
45°	8776
50°	4162
55°	3288
60°	3114
65°	2906
70°	2629
75°	2372
80°	2147
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8776 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.0	8.5
10°-20°	40.9	21.8
20°-30°	49.7	26.4
30°-40°	42.2	22.4
40°-50°	21.9	11.7
50°-60°	7.9	4.2
60°-70°	5.5	2.9
70°-80°	3.0	1.6
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°	106.7	56.7
0°-40°	148.8	79.2
0°-60°	178.6	95.0
0°-90°	188.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	188.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	174	
5°	171	16
15°	147	41
25°	109	50
35°	68	42
45°	28	22
55°	9	8
65°	6	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	174.2
2.5°	173.6
5°	171.0
7.5°	167.1
10°	161.6
12.5°	154.5
15°	146.8
17.5°	138.0
20°	128.3
22.5°	118.4
25°	108.8
27.5°	98.7
30°	88.4
32.5°	78.1
35°	67.8
37.5°	57.7
40°	47.6
42.5°	38.0
45°	28.3
47.5°	18.9
50°	12.2
52.5°	9.4
55°	8.6
57.5°	7.7
60°	7.1
62.5°	6.2
65°	5.6
67.5°	4.7
70°	4.1
72.5°	3.4
75°	2.8
77.5°	2.1
80°	1.7
82.5°	1.3
85°	0.9
87.5°	0.4
90°	0.0

(END OF REPORT)