

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: P1268649

Luminaire Tested: P3A02R359740DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268649
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R359740DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

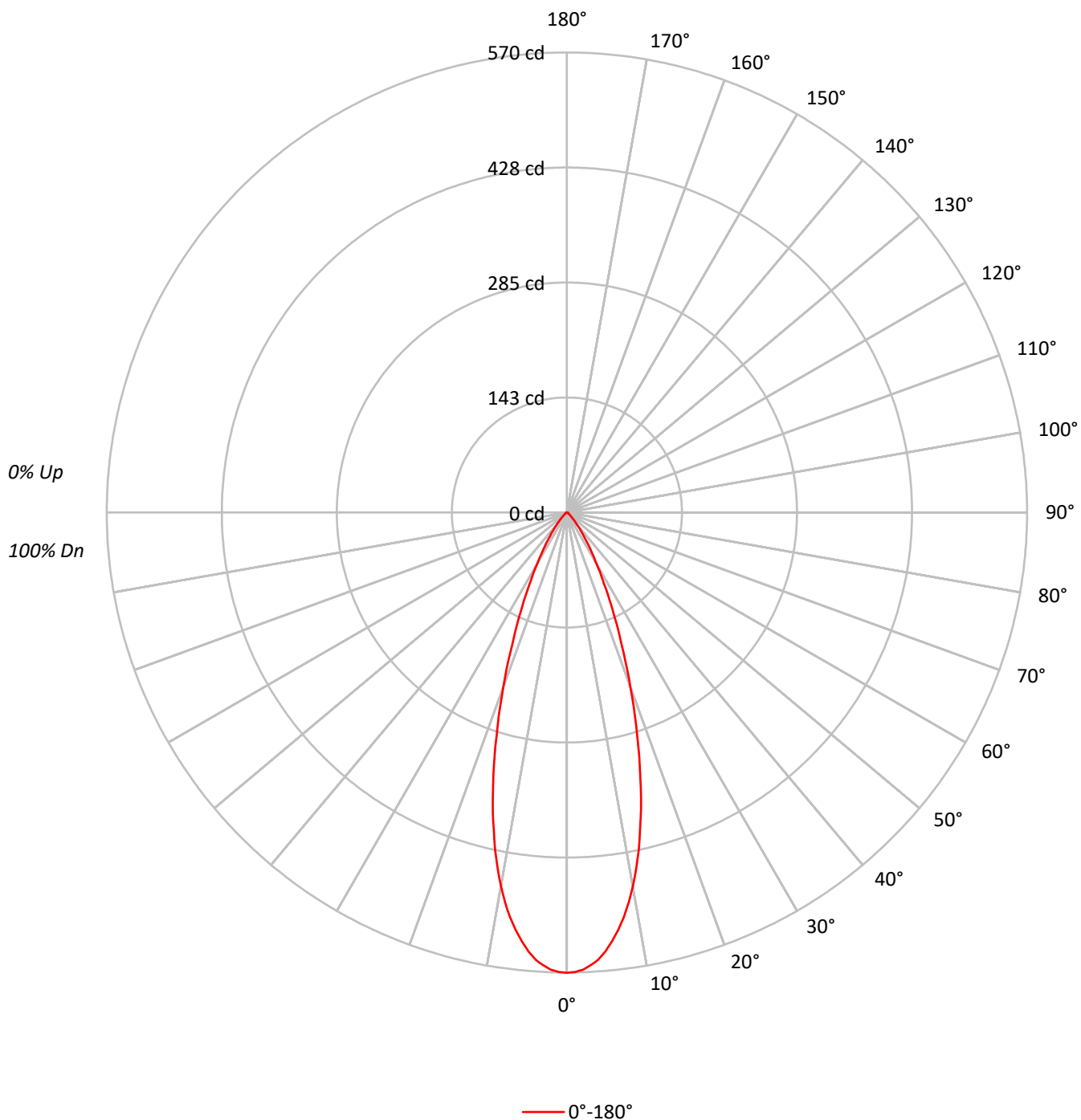
Lumens per Lamp: N/A
Luminaire Lumens: 247.9 lumens
Efficiency: N/A
Efficacy: 68.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	72		78	74	71		77
8	85	77	72	69	84	77	72	69	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	125078
5°	120207
10°	104741
15°	80227
20°	53671
25°	32470
30°	18636
35°	10413
40°	5525
45°	2853
50°	1365
55°	1070
60°	1053
65°	882
70°	898
75°	763
80°	884
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2853 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.7	20.0
10°-20°	96.3	38.8
20°-30°	63.0	25.4
30°-40°	25.6	10.3
40°-50°	7.7	3.1
50°-60°	2.6	1.1
60°-70°	1.8	0.7
70°-80°	1.0	0.4
80°-90°	0.3	0.1
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°	209.0	84.3
0°-40°	234.6	94.6
0°-60°	244.8	98.7
0°-90°	247.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	247.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	570	
5°	546	50
15°	353	96
25°	134	63
35°	39	26
45°	9	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	570.4
1°	569.5
2°	566.9
3°	561.7
4°	555.6
5°	546.1
6°	534.3
7°	521.1
8°	506.2
9°	489.3
10°	470.4
11°	449.4
12°	427.5
13°	402.9
14°	379.6
15°	353.4
17.5°	289.9
20°	230.0
22.5°	176.9
25°	134.2
27.5°	100.0
30°	73.6
32.5°	54.0
35°	38.9
37.5°	27.6
40°	19.3
42.5°	13.4
45°	9.2
47.5°	6.1
50°	4.0
52.5°	3.1
55°	2.8
57.5°	2.6
60°	2.4
62.5°	2.1
65°	1.7
67.5°	1.4
70°	1.4
72.5°	1.2
75°	0.9
77.5°	0.7
80°	0.7
82.5°	0.5
85°	0.2
87.5°	0.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)