

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: P1269444

Luminaire Tested: P3A09R359740DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269444
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R359740DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

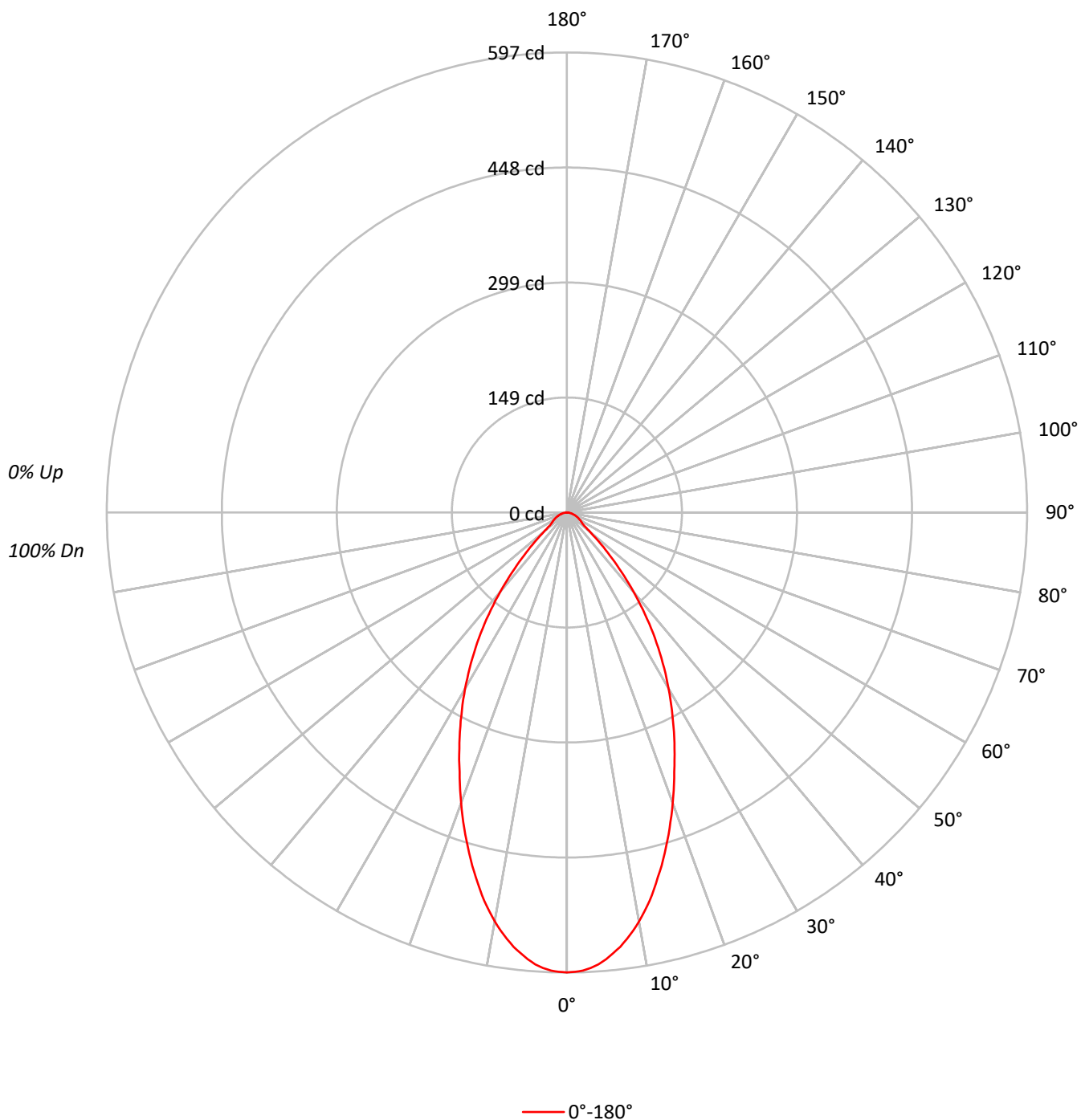
Lumens per Lamp: N/A
Luminaire Lumens: 573.0 lumens
Efficiency: N/A
Efficacy: 51.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	130889
5°	128109
10°	119971
15°	107696
20°	93691
25°	79843
30°	66871
35°	53271
40°	38501
45°	24375
50°	13270
55°	9214
60°	8684
65°	8094
70°	7694
75°	6608
80°	6314
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24375 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.2	9.5
10°-20°	132.0	23.0
20°-30°	151.3	26.4
30°-40°	123.5	21.5
40°-50°	62.2	10.9
50°-60°	23.1	4.0
60°-70°	15.5	2.7
70°-80°	8.6	1.5
80°-90°	2.6	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°	337.5	58.9
0°-40°	460.9	80.4
0°-60°	546.3	95.3
0°-90°	573.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	573.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	597	
5°	582	54
15°	474	132
25°	330	151
35°	199	123
45°	79	62
55°	24	23
65°	16	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	596.9
1°	596.2
2°	594.8
3°	592.0
4°	587.7
5°	582.0
6°	575.0
7°	567.9
8°	558.7
9°	549.5
10°	538.8
11°	527.5
12°	515.5
13°	502.0
14°	487.9
15°	474.4
17.5°	438.3
20°	401.5
22.5°	364.0
25°	330.0
27.5°	296.7
30°	264.1
32.5°	231.5
35°	199.0
37.5°	166.4
40°	134.5
42.5°	104.8
45°	78.6
47.5°	56.6
50°	38.9
52.5°	28.3
55°	24.1
57.5°	22.0
60°	19.8
62.5°	17.7
65°	15.6
67.5°	13.5
70°	12.0
72.5°	9.9
75°	7.8
77.5°	6.4
80°	5.0
82.5°	3.5
85°	2.1
87.5°	1.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)