

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: P1273020

Luminaire Tested: P3A02R359830DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273020
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: P3A02R359830DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

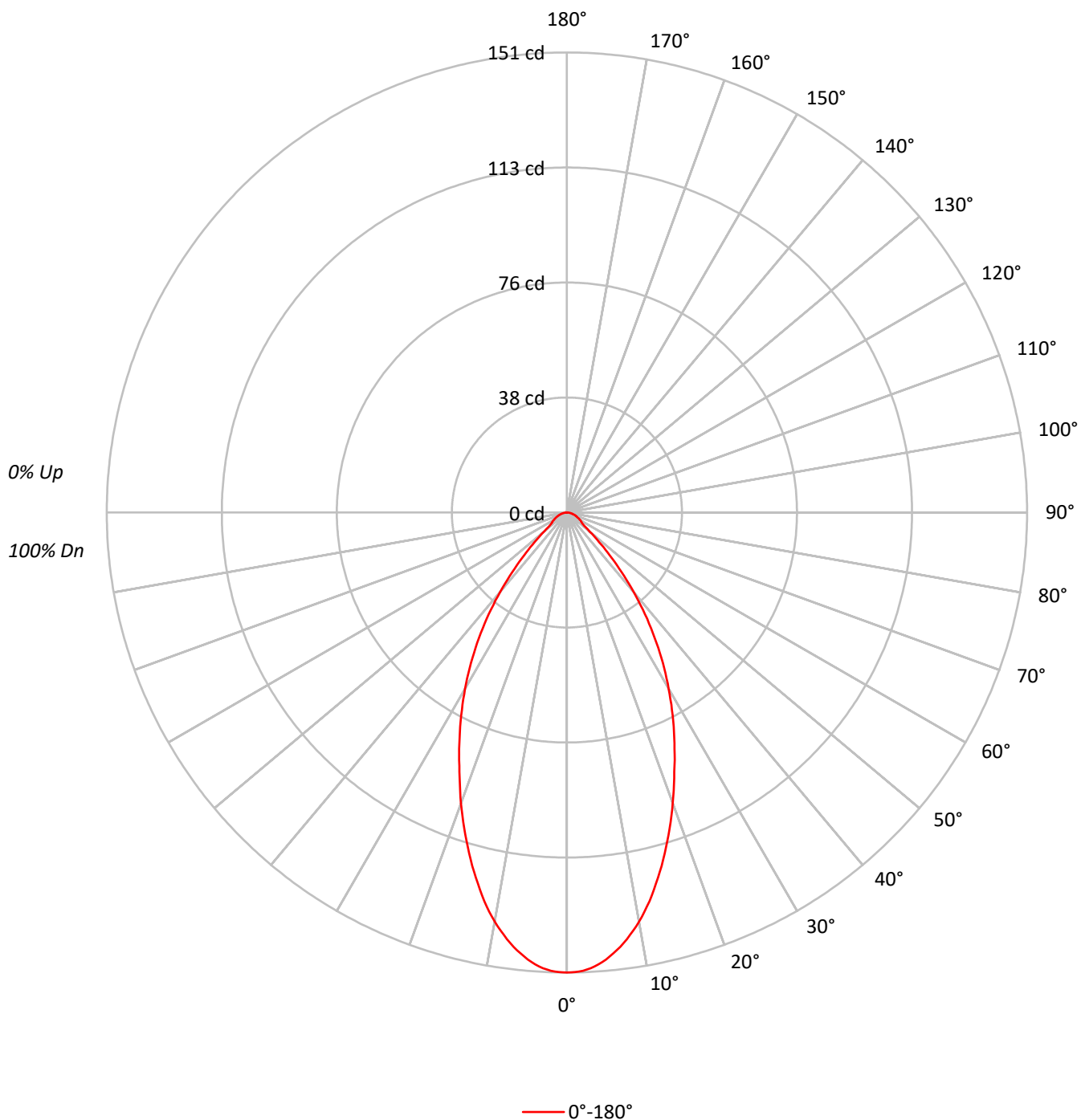
Lumens per Lamp: N/A
Luminaire Lumens: 145.0 lumens
Efficiency: N/A
Efficacy: 40.3 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	33111
5°	32423
10°	30371
15°	27265
20°	23709
25°	20203
30°	16914
35°	13465
40°	9733
45°	6171
50°	3377
55°	2332
60°	2193
65°	2024
70°	1923
75°	1694
80°	1642
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6171 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.7	9.5
10°-20°	33.4	23.0
20°-30°	38.3	26.4
30°-40°	31.2	21.5
40°-50°	15.7	10.9
50°-60°	5.9	4.1
60°-70°	3.9	2.7
70°-80°	2.2	1.5
80°-90°	0.7	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°	85.4	58.9
0°-40°	116.6	80.4
0°-60°	138.2	95.3
0°-90°	145.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	145.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	151	
5°	147	14
15°	120	33
25°	84	38
35°	50	31
45°	20	16
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	151.0
1°	150.9
2°	150.5
3°	149.8
4°	148.7
5°	147.3
6°	145.5
7°	143.7
8°	141.4
9°	139.0
10°	136.4
11°	133.5
12°	130.4
13°	127.0
14°	123.5
15°	120.1
17.5°	110.9
20°	101.6
22.5°	92.1
25°	83.5
27.5°	75.1
30°	66.8
32.5°	58.6
35°	50.3
37.5°	42.1
40°	34.0
42.5°	26.5
45°	19.9
47.5°	14.3
50°	9.9
52.5°	7.2
55°	6.1
57.5°	5.6
60°	5.0
62.5°	4.5
65°	3.9
67.5°	3.4
70°	3.0
72.5°	2.5
75°	2.0
77.5°	1.6
80°	1.3
82.5°	0.9
85°	0.5
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)