

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: P1273688

Luminaire Tested: P3A09R309830DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273688
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R309830DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

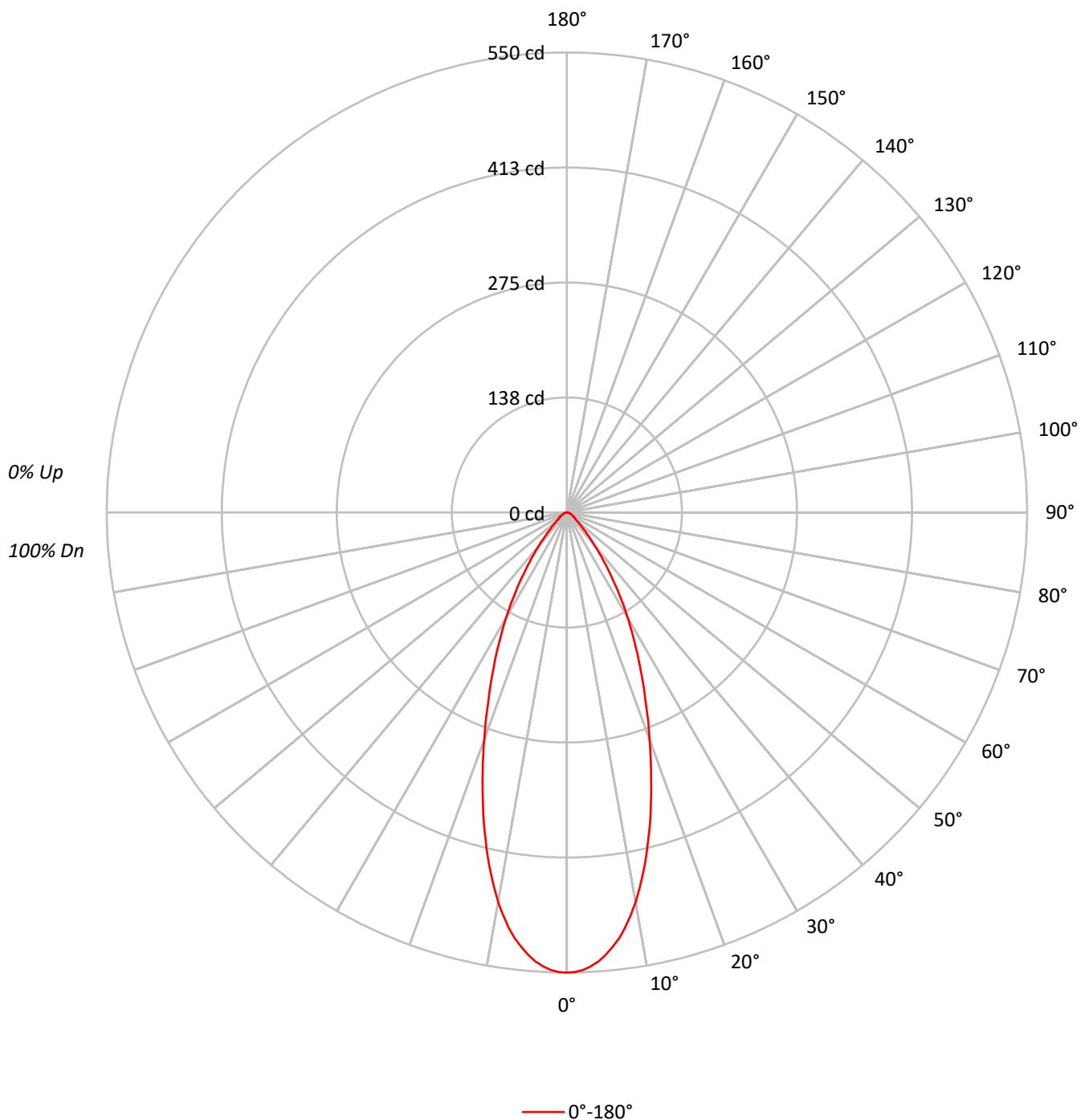
Lumens per Lamp: N/A
Luminaire Lumens: 353.0 lumens
Efficiency: N/A
Efficacy: 32.1 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120626
5°	116861
10°	105298
15°	87106
20°	67439
25°	50592
30°	36740
35°	24467
40°	15028
45°	8838
50°	5424
55°	4396
60°	3859
65°	3113
70°	2821
75°	2796
80°	2020
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8838 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.8	13.8
10°-20°	105.7	29.9
20°-30°	96.1	27.2
30°-40°	58.1	16.5
40°-50°	23.3	6.6
50°-60°	10.3	2.9
60°-70°	6.2	1.8
70°-80°	3.4	1.0
80°-90°	1.0	0.3
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°	250.7	71.0
0°-40°	308.8	87.5
0°-60°	342.4	97.0
0°-90°	353.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	353.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	550	
5°	531	49
15°	384	106
25°	209	96
35°	91	58
45°	28	23
55°	12	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	550.1
1°	549.6
2°	547.4
3°	543.5
4°	538.1
5°	530.9
6°	522.2
7°	512.9
8°	500.8
9°	487.2
10°	472.9
11°	456.5
12°	439.0
13°	421.5
14°	402.3
15°	383.7
17.5°	335.0
20°	289.0
22.5°	246.3
25°	209.1
27.5°	175.2
30°	145.1
32.5°	117.1
35°	91.4
37.5°	70.1
40°	52.5
42.5°	38.3
45°	28.5
47.5°	21.3
50°	15.9
52.5°	12.6
55°	11.5
57.5°	9.9
60°	8.8
62.5°	7.1
65°	6.0
67.5°	5.5
70°	4.4
72.5°	3.8
75°	3.3
77.5°	2.7
80°	1.6
82.5°	1.1
85°	1.1
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)