

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: P1267244

Luminaire Tested: P3A09R659735DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267244
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R659735DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

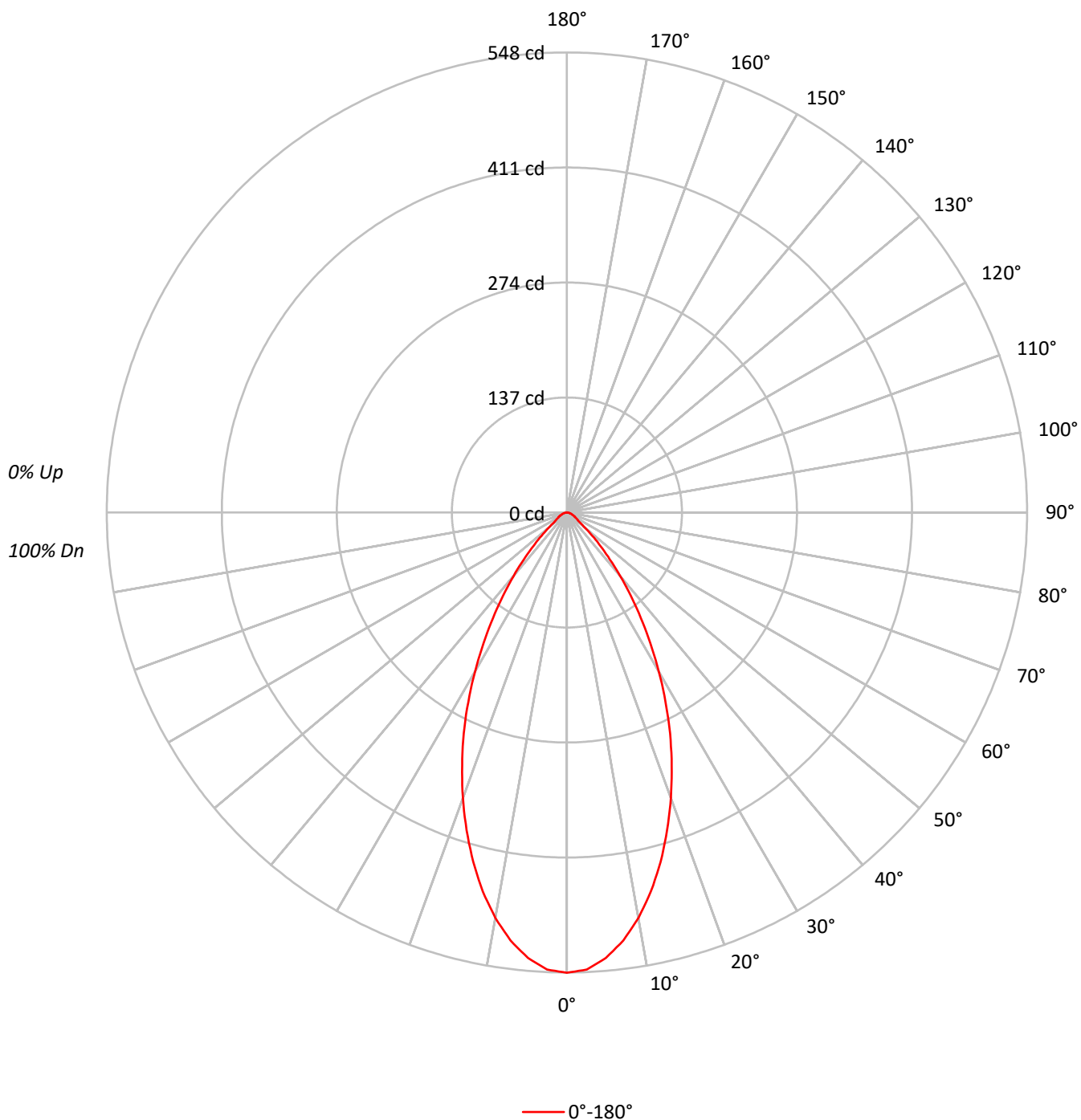
Lumens per Lamp: N/A
Luminaire Lumens: 473.0 lumens
Efficiency: N/A
Efficacy: 42.6 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		85
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		78
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		57
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120232
5°	117235
10°	109172
15°	97844
20°	84497
25°	70286
30°	55426
35°	41064
40°	28310
45°	17552
50°	9552
55°	6002
60°	5087
65°	4618
70°	3911
75°	3474
80°	3410
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17552 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.5	10.5
10°-20°	119.8	25.3
20°-30°	132.5	28.0
30°-40°	96.2	20.3
40°-50°	45.1	9.5
50°-60°	15.2	3.2
60°-70°	8.8	1.9
70°-80°	4.6	1.0
80°-90°	1.5	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°	301.7	63.8
0°-40°	397.9	84.1
0°-60°	458.2	96.9
0°-90°	473.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	473.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	548	
5°	533	49
15°	431	120
25°	290	132
35°	153	96
45°	57	45
55°	16	15
65°	9	9
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	548.3
2.5°	544.9
5°	532.6
7.5°	514.2
10°	490.3
12.5°	462.4
15°	431.0
17.5°	396.9
20°	362.1
22.5°	326.0
25°	290.5
27.5°	254.4
30°	218.9
32.5°	184.8
35°	153.4
37.5°	124.8
40°	98.9
42.5°	75.7
45°	56.6
47.5°	40.9
50°	28.0
52.5°	19.1
55°	15.7
57.5°	13.6
60°	11.6
62.5°	10.2
65°	8.9
67.5°	7.5
70°	6.1
72.5°	5.5
75°	4.1
77.5°	3.4
80°	2.7
82.5°	2.0
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)