

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: P1246694

Luminaire Tested: P3A09R659024DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246694
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: P3A09R659024DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

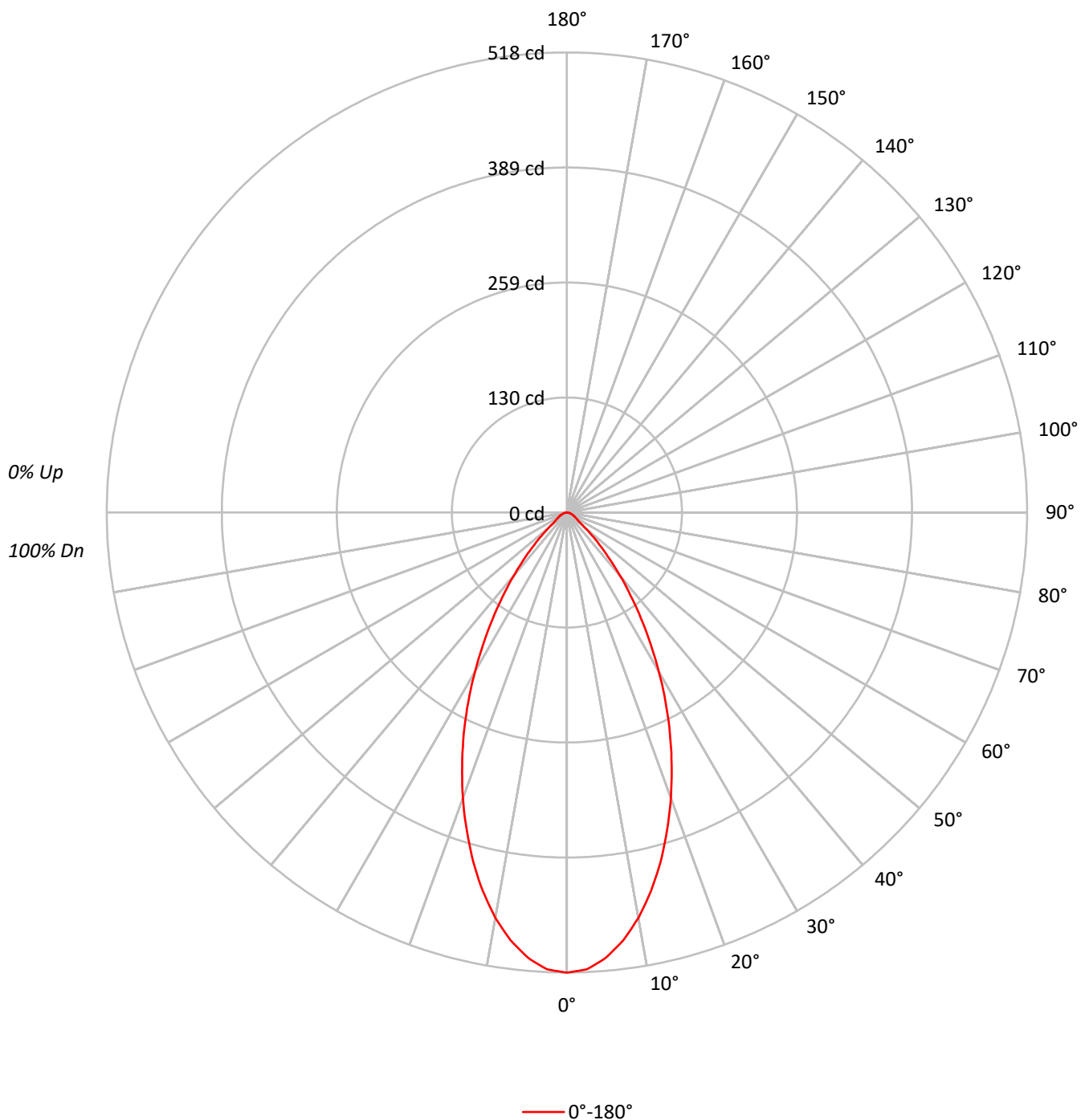
Lumens per Lamp: N/A
Luminaire Lumens: 447.0 lumens
Efficiency: N/A
Efficacy: 40.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	113609
5°	110786
10°	103182
15°	92464
20°	79854
25°	66415
30°	52388
35°	38815
40°	26736
45°	16591
50°	9006
55°	5658
60°	4824
65°	4358
70°	3719
75°	3304
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16591 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.8	10.5
10°-20°	113.2	25.3
20°-30°	125.2	28.0
30°-40°	90.9	20.3
40°-50°	42.6	9.5
50°-60°	14.3	3.2
60°-70°	8.3	1.9
70°-80°	4.4	1.0
80°-90°	1.4	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°	285.1	63.8
0°-40°	376.0	84.1
0°-60°	433.0	96.9
0°-90°	447.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	447.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	518	
5°	503	47
15°	407	113
25°	274	125
35°	145	91
45°	54	43
55°	15	14
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	518.1
2.5°	514.9
5°	503.3
7.5°	485.9
10°	463.4
12.5°	436.9
15°	407.3
17.5°	375.1
20°	342.2
22.5°	308.1
25°	274.5
27.5°	240.4
30°	206.9
32.5°	174.6
35°	145.0
37.5°	117.9
40°	93.4
42.5°	71.5
45°	53.5
47.5°	38.7
50°	26.4
52.5°	18.0
55°	14.8
57.5°	12.9
60°	11.0
62.5°	9.7
65°	8.4
67.5°	7.1
70°	5.8
72.5°	5.2
75°	3.9
77.5°	3.2
80°	2.6
82.5°	1.9
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)