

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: P1246717

Luminaire Tested: P3A09R709024DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246717
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R709024DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

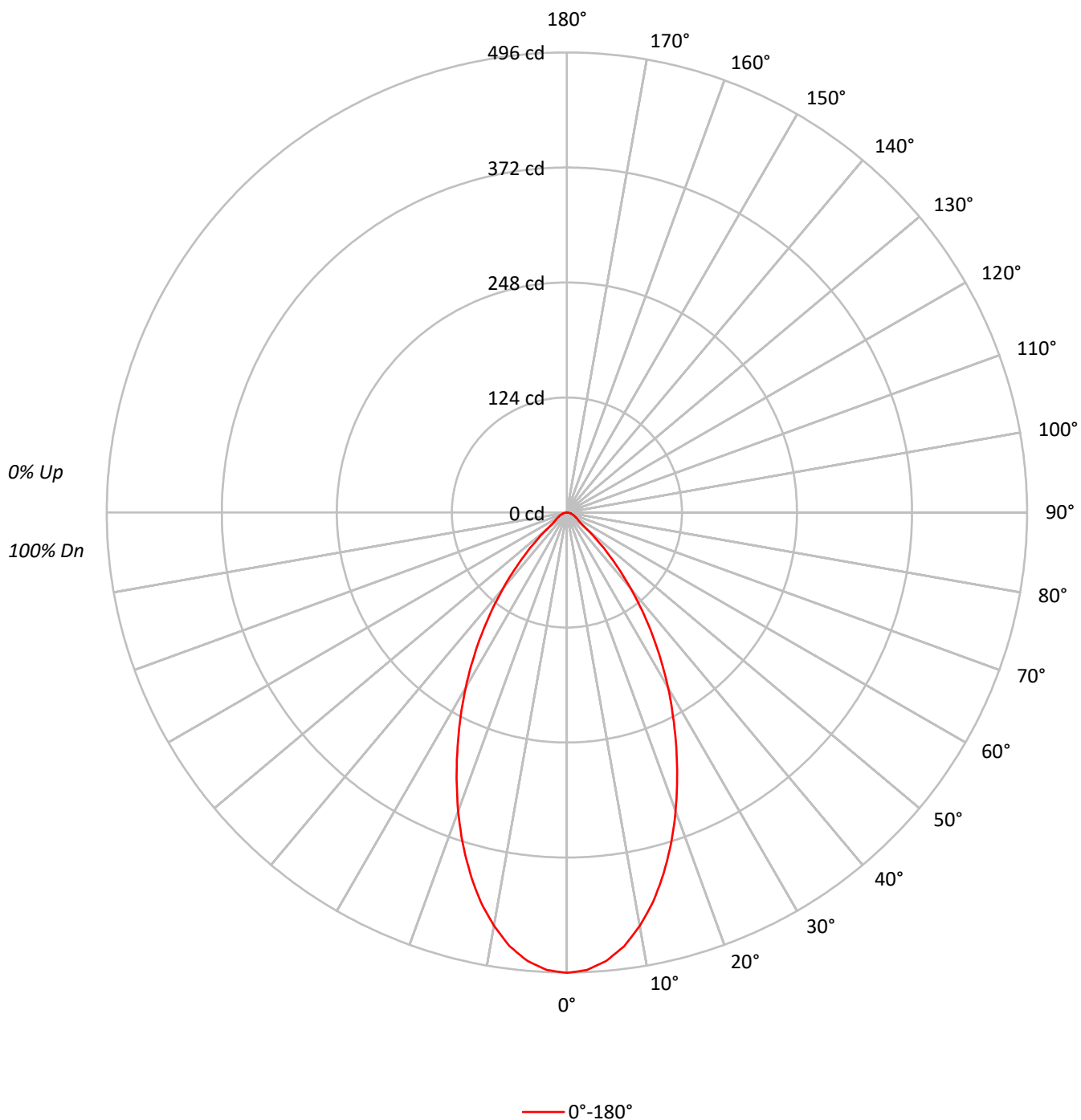
Lumens per Lamp: N/A
Luminaire Lumens: 464.0 lumens
Efficiency: N/A
Efficacy: 41.8 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	107	104		110	107	105	103		103	101	100		100	98	97		96	95	94
2	106	101	97	93		104	99	95	92		96	93	90		93	90	88		90	88	86
3	100	93	88	83		98	92	87	83		89	85	81		87	83	80		84	81	79
4	95	86	80	76		93	85	80	75		83	78	74		81	77	73		79	76	73
5	89	80	74	69		88	79	73	69		78	72	68		76	71	68		74	70	67
6	85	75	68	64		83	74	68	64		73	67	63		71	66	63		70	65	62
7	80	70	64	59		79	69	63	59		68	62	58		67	62	58		66	61	58
8	76	66	59	55		75	65	59	55		64	58	54		63	58	54		62	57	54
9	72	62	55	51		71	61	55	51		60	55	51		59	54	51		58	54	50
10	69	58	52	48		67	58	52	48		57	51	48		56	51	48		55	51	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108829
5°	106845
10°	100733
15°	91419
20°	79970
25°	67456
30°	55249
35°	42858
40°	30657
45°	19413
50°	9688
55°	5926
60°	5087
65°	4670
70°	4167
75°	3813
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 19413 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.3	9.8
10°-20°	112.1	24.2
20°-30°	127.6	27.5
30°-40°	99.8	21.5
40°-50°	49.0	10.6
50°-60°	15.1	3.3
60°-70°	8.9	1.9
70°-80°	4.8	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°	285.0	61.4
0°-40°	384.8	82.9
0°-60°	448.9	96.7
0°-90°	464.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	464.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	496	
5°	485	45
15°	403	112
25°	279	128
35°	160	100
45°	63	49
55°	16	15
65°	9	9
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	496.3
2.5°	493.8
5°	485.4
7.5°	471.8
10°	452.4
12.5°	429.9
15°	402.7
17.5°	373.7
20°	342.7
22.5°	310.5
25°	278.8
27.5°	247.8
30°	218.2
32.5°	188.5
35°	160.1
37.5°	133.0
40°	107.1
42.5°	83.3
45°	62.6
47.5°	43.9
50°	28.4
52.5°	18.7
55°	15.5
57.5°	13.6
60°	11.6
62.5°	10.3
65°	9.0
67.5°	7.7
70°	6.5
72.5°	5.2
75°	4.5
77.5°	3.9
80°	2.6
82.5°	1.9
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)