

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: P1266973

Luminaire Tested: P3A09R209735DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266973
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R209735DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

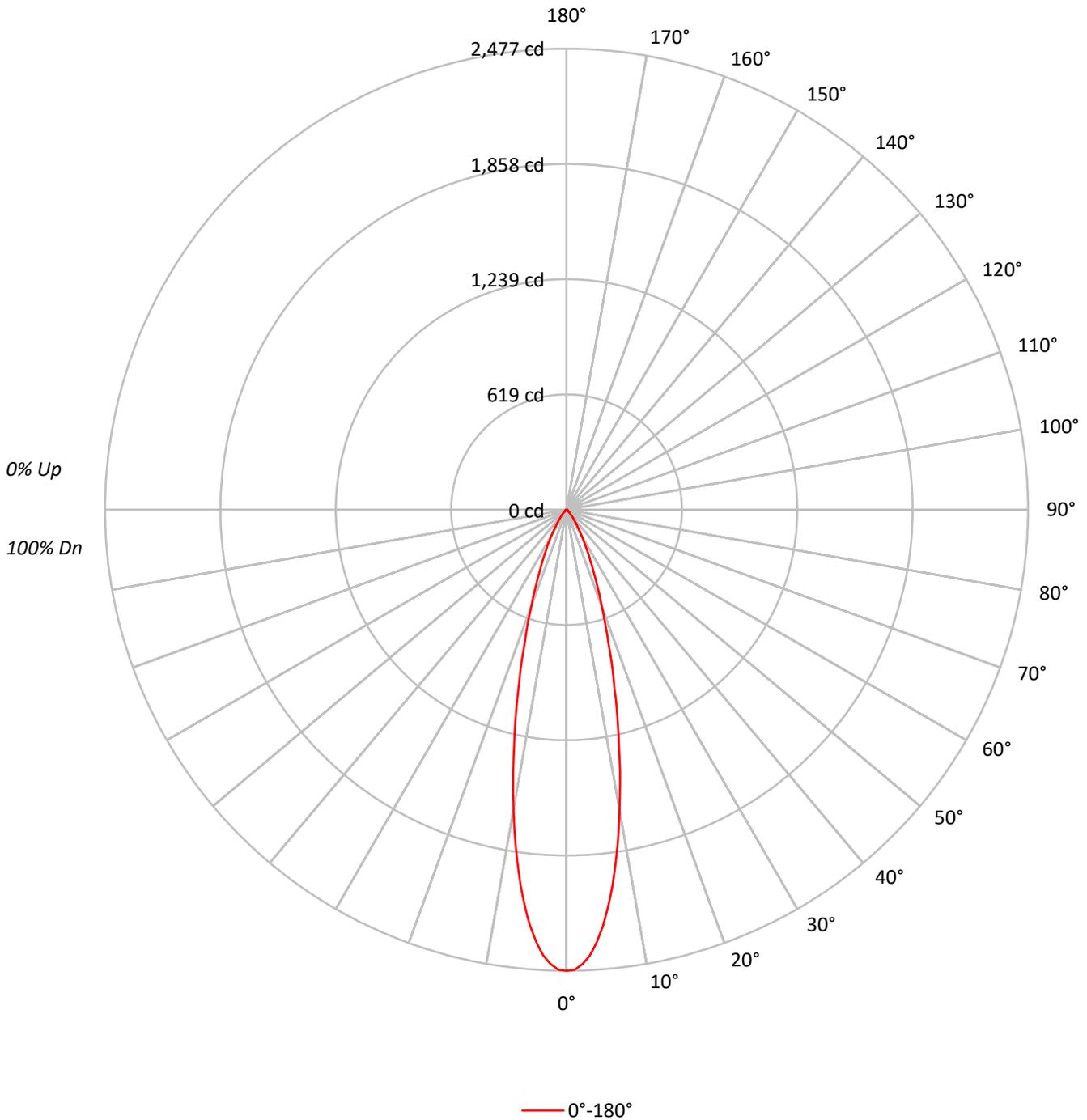
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 706.0 lumens
Efficiency: N/A
Efficacy: 63.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
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		0
RW	70	50	30	10	70	50	30	10	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	102	102	102		100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97		95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92		91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88		87
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84		83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81		79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77		76
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75		73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72		71
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69		68
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67		66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	543180
5°	493769
10°	364923
15°	225745
20°	128905
25°	73601
30°	41272
35°	22459
40°	12309
45°	6760
50°	3957
55°	2867
60°	2675
65°	2491
70°	2180
75°	2288
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6760 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.2	27.5
10°-20°	277.3	39.3
20°-30°	144.7	20.5
30°-40°	56.0	7.9
40°-50°	18.2	2.6
50°-60°	7.1	1.0
60°-70°	4.7	0.7
70°-80°	2.8	0.4
80°-90°	1.0	0.1
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°	616.3	87.3
0°-40°	672.3	95.2
0°-60°	697.6	98.8
0°-90°	706.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	706.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2477	
5°	2243	194
15°	994	277
25°	304	145
35°	84	56
45°	22	18
55°	8	7
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2477.1
1°	2472.4
2°	2443.0
3°	2398.0
4°	2328.4
5°	2243.2
6°	2142.3
7°	2030.4
8°	1900.8
9°	1774.6
10°	1638.9
12.5°	1302.7
15°	994.4
17.5°	744.1
20°	552.4
22.5°	409.2
25°	304.2
27.5°	224.4
30°	163.0
32.5°	118.0
35°	83.9
37.5°	60.7
40°	43.0
42.5°	30.7
45°	21.8
47.5°	15.7
50°	11.6
52.5°	8.9
55°	7.5
57.5°	6.8
60°	6.1
62.5°	5.5
65°	4.8
67.5°	4.1
70°	3.4
72.5°	3.4
75°	2.7
77.5°	2.0
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)