

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: P1255678

Luminaire Tested: P3A24R209035D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255678
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: P3A24R209035D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

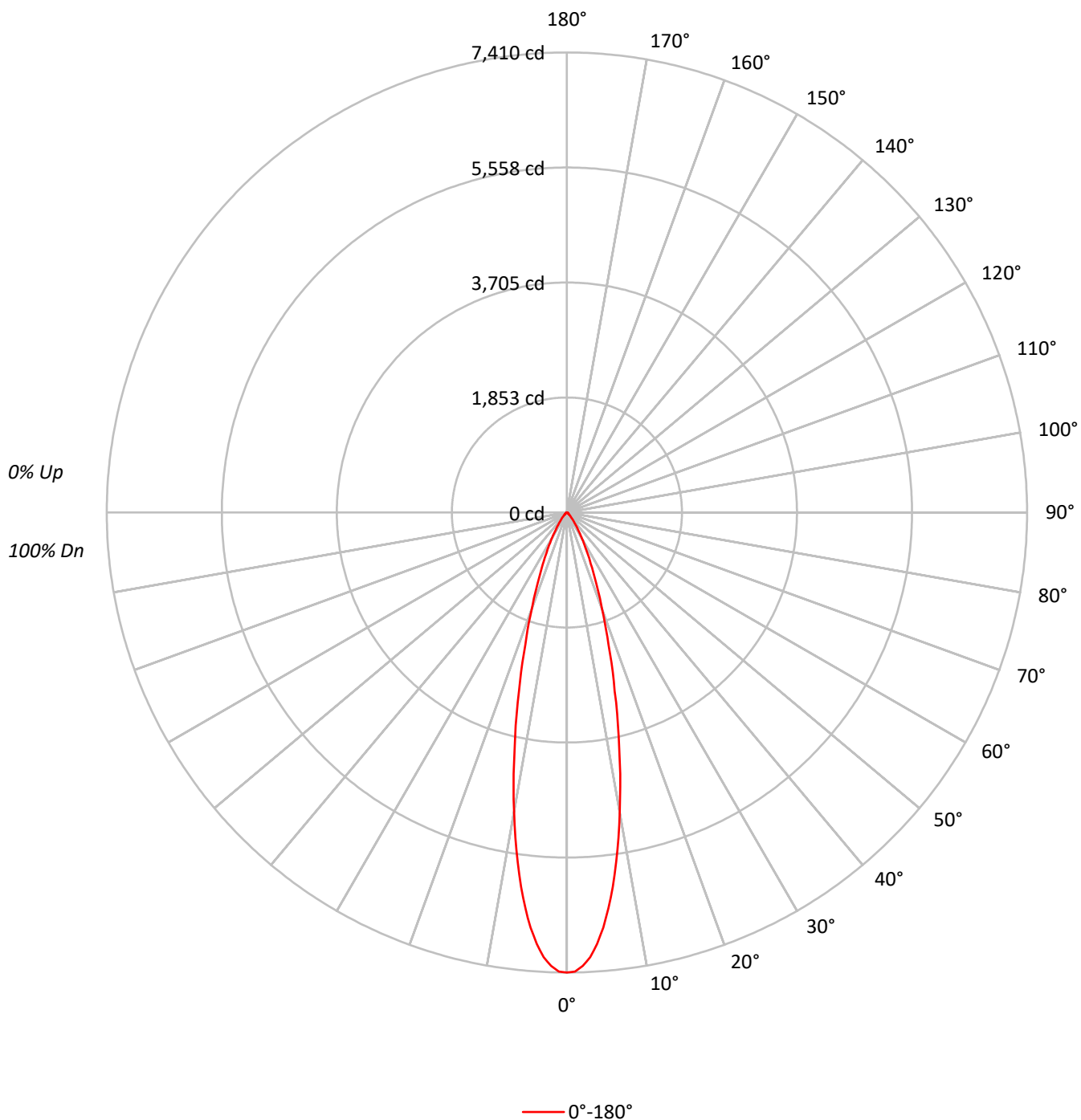
Lumens per Lamp: N/A
Luminaire Lumens: 2112.0 lumens
Efficiency: N/A
Efficacy: 73.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1624936
5°	1477104
10°	1091674
15°	675305
20°	385640
25°	220174
30°	123462
35°	67191
40°	36783
45°	20250
50°	11838
55°	8564
60°	8070
65°	7420
70°	6540
75°	6947
80°	5177
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20250 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	581.1	27.5
10°-20°	829.5	39.3
20°-30°	433.0	20.5
30°-40°	167.4	7.9
40°-50°	54.3	2.6
50°-60°	21.4	1.0
60°-70°	14.1	0.7
70°-80°	8.3	0.4
80°-90°	2.8	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°	1843.6	87.3
0°-40°	2011.1	95.2
0°-60°	2086.8	98.8
0°-90°	2112.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2112.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7410	
5°	6710	581
15°	2975	830
25°	910	433
35°	251	167
45°	65	54
55°	22	21
65°	14	14
75°	8	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	7410.3
1°	7396.1
2°	7308.3
3°	7173.7
4°	6965.6
5°	6710.5
6°	6408.6
7°	6073.9
8°	5686.3
9°	5308.8
10°	4902.8
12.5°	3897.0
15°	2974.7
17.5°	2226.0
20°	1652.6
22.5°	1224.2
25°	910.0
27.5°	671.3
30°	487.6
32.5°	353.0
35°	251.0
37.5°	181.6
40°	128.5
42.5°	91.8
45°	65.3
47.5°	46.9
50°	34.7
52.5°	26.5
55°	22.4
57.5°	20.4
60°	18.4
62.5°	16.3
65°	14.3
67.5°	12.2
70°	10.2
72.5°	10.2
75°	8.2
77.5°	6.1
80°	4.1
82.5°	4.1
85°	2.0
87.5°	2.0
90°	0.0

(END OF REPORT)