

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: P1255646

Luminaire Tested: P3A24R159035D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255646
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R159035D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

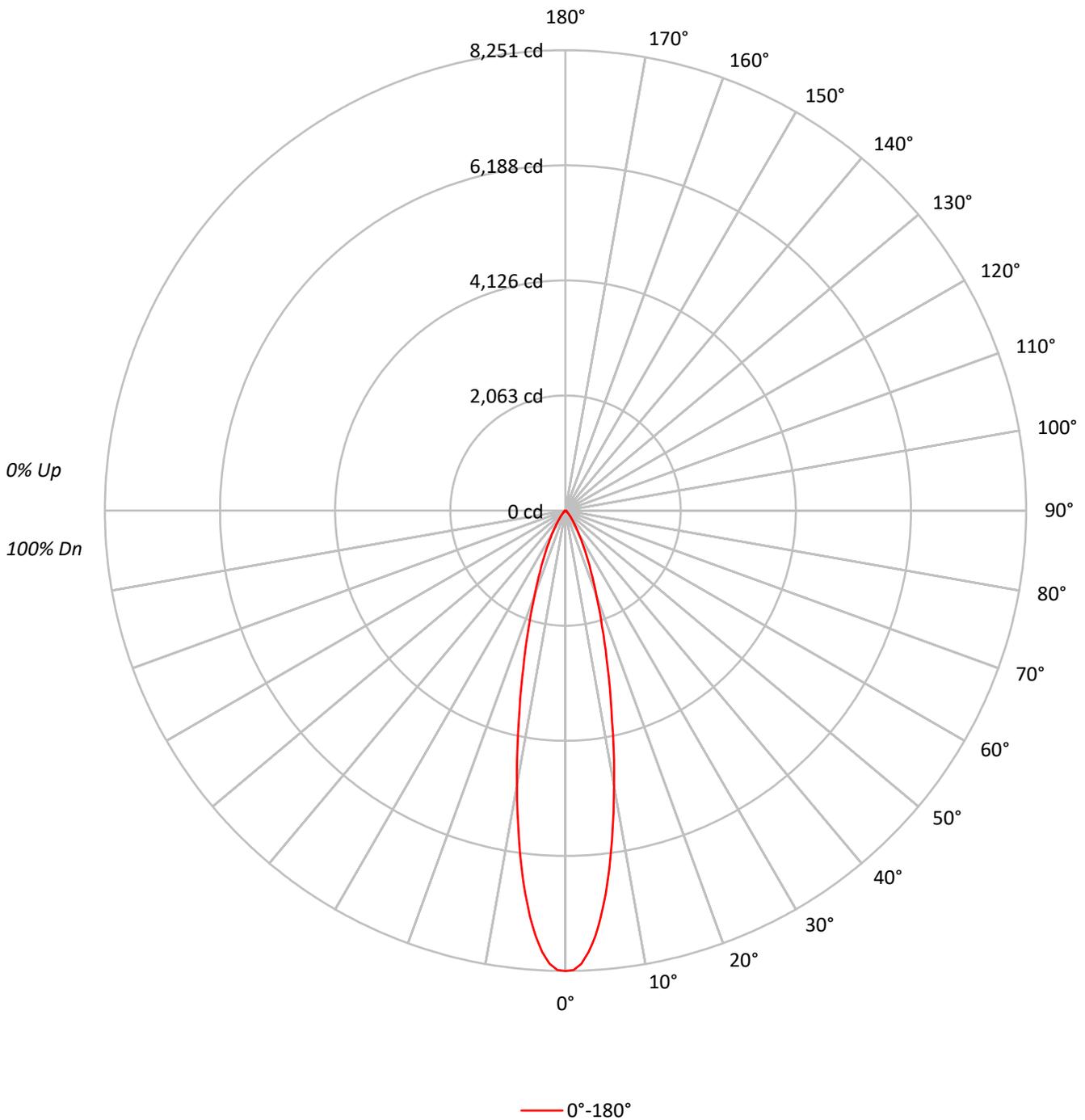
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2118.0 lumens
Efficiency: N/A
Efficacy: 73.5 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (A_{in}): 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1809329
5°	1606049
10°	1115343
15°	659595
20°	375653
25°	214754
30°	118828
35°	63363
40°	35037
45°	18979
50°	11838
55°	9366
60°	8070
65°	7420
70°	6540
75°	6947
80°	5177
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18979 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	620.5	29.3
10°-20°	818.8	38.7
20°-30°	421.6	19.9
30°-40°	158.3	7.5
40°-50°	51.8	2.4
50°-60°	22.3	1.1
60°-70°	14.1	0.7
70°-80°	8.3	0.4
80°-90°	2.2	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°	1860.9	87.9
0°-40°	2019.2	95.3
0°-60°	2093.3	98.8
0°-90°	2118.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2118.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8251	
5°	7296	620
15°	2906	819
25°	888	422
35°	237	158
45°	61	52
55°	24	22
65°	14	14
75°	8	8
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	8251.2
1°	8234.9
2°	8126.7
3°	7920.7
4°	7649.3
5°	7296.3
6°	6896.4
7°	6457.7
8°	5970.1
9°	5488.6
10°	5009.1
12.5°	3854.2
15°	2905.5
17.5°	2175.0
20°	1609.8
22.5°	1201.8
25°	887.6
27.5°	646.8
30°	469.3
32.5°	332.6
35°	236.7
37.5°	169.3
40°	122.4
42.5°	87.7
45°	61.2
47.5°	44.9
50°	34.7
52.5°	28.6
55°	24.5
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°	0.0
90°	0.0

(END OF REPORT)