

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: P1255702

Luminaire Tested: P3A24R259035D010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255702
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R259035D010 E3DL1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

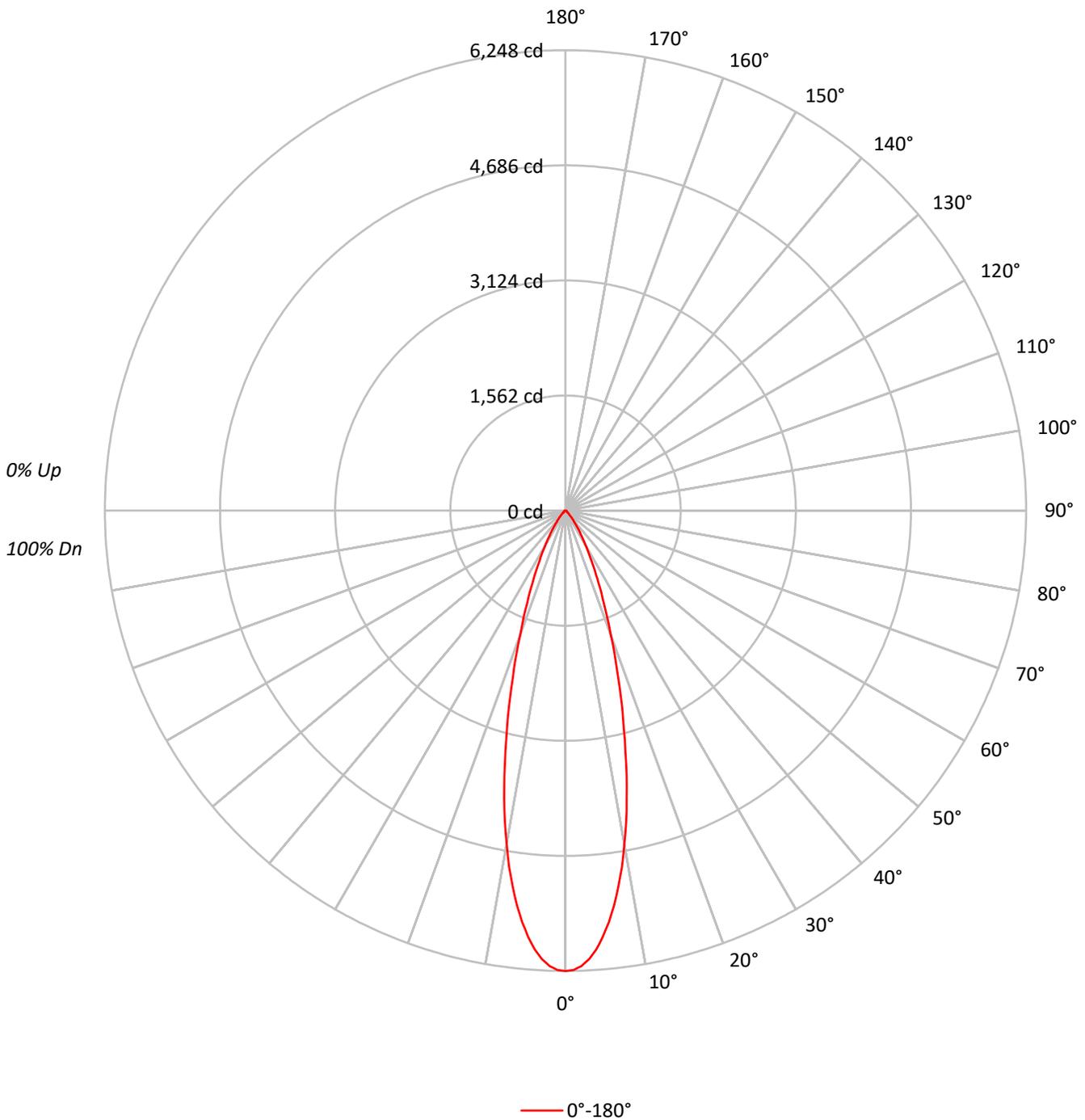
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2136.0 lumens
Efficiency: N/A
Efficacy: 74.2 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
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				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	100	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82	79	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	82	78	76	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	79	75	73	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	73	70	67	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1370153
5°	1278337
10°	1024051
15°	695123
20°	420620
25°	245966
30°	140072
35°	77042
40°	40905
45°	21522
50°	12520
55°	9366
60°	8070
65°	8457
70°	7822
75°	6947
80°	5177
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 21522 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	515.4	24.1
10°-20°	841.8	39.4
20°-30°	481.0	22.5
30°-40°	189.8	8.9
40°-50°	58.2	2.7
50°-60°	23.0	1.1
60°-70°	15.4	0.7
70°-80°	8.6	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°	1838.2	86.1
0°-40°	2028.0	94.9
0°-60°	2109.2	98.7
0°-90°	2136.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2136.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6248	
5°	5808	515
15°	3062	842
25°	1017	481
35°	288	190
45°	69	58
55°	24	23
65°	16	15
75°	8	9
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	6248.4
1°	6236.2
2°	6185.2
3°	6095.3
4°	5970.8
5°	5807.5
6°	5615.6
7°	5399.3
8°	5148.2
9°	4891.0
10°	4599.1
11°	4311.2
12°	3994.8
13°	3682.5
14°	3362.0
15°	3062.0
17.5°	2374.0
20°	1802.5
22.5°	1353.4
25°	1016.6
27.5°	753.2
30°	553.2
32.5°	400.1
35°	287.8
37.5°	204.1
40°	142.9
42.5°	98.0
45°	69.4
47.5°	49.0
50°	36.7
52.5°	28.6
55°	24.5
57.5°	22.5
60°	18.4
62.5°	16.3
65°	16.3
67.5°	14.3
70°	12.2
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



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)