

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: P1255647

Luminaire Tested: P3A24R159035D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255647
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R159035D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

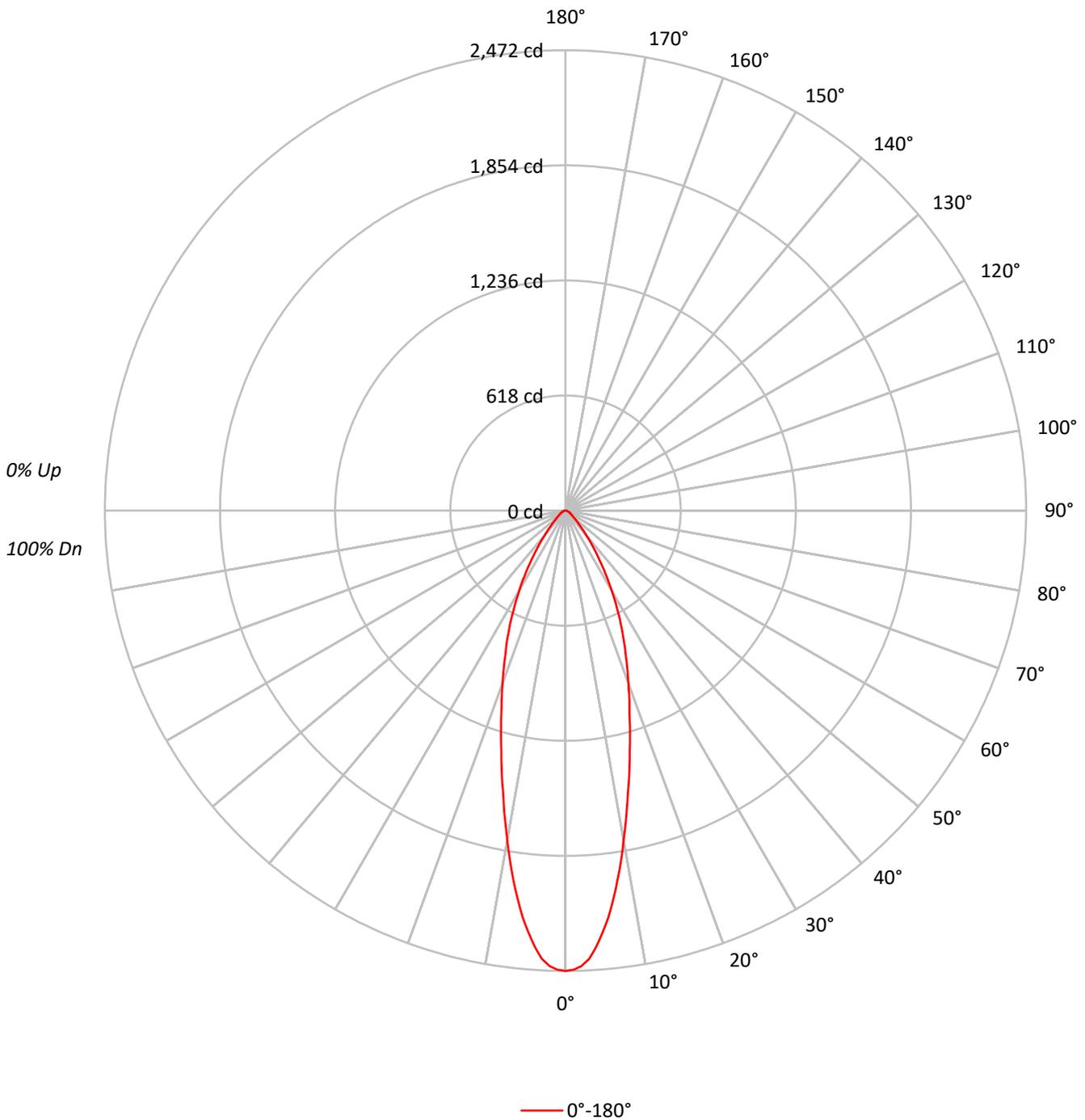
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1256.9 lumens
Efficiency: N/A
Efficacy: 43.6 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
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			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	100	100	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	542040
5°	500989
10°	399970
15°	302136
20°	230063
25°	175317
30°	125589
35°	81967
40°	50237
45°	30391
50°	20195
55°	15598
60°	13420
65°	11674
70°	10450
75°	10336
80°	7703
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 30391 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.6	16.0
10°-20°	372.0	29.6
20°-30°	331.2	26.3
30°-40°	195.9	15.6
40°-50°	80.4	6.4
50°-60°	37.7	3.0
60°-70°	23.0	1.8
70°-80°	12.1	1.0
80°-90°	3.0	0.2
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°	904.8	72.0
0°-40°	1100.7	87.6
0°-60°	1218.8	97.0
0°-90°	1256.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1256.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2472	
5°	2276	202
15°	1331	372
25°	725	331
35°	306	196
45°	98	80
55°	41	38
65°	22	23
75°	12	12
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2471.9
1°	2465.8
2°	2447.4
3°	2410.7
4°	2349.5
5°	2276.0
6°	2196.4
7°	2102.5
8°	2004.5
9°	1904.5
10°	1796.3
12.5°	1549.3
15°	1330.9
17.5°	1143.1
20°	985.9
22.5°	847.1
25°	724.6
27.5°	606.2
30°	496.0
32.5°	396.0
35°	306.2
37.5°	234.7
40°	175.5
42.5°	130.6
45°	98.0
47.5°	75.5
50°	59.2
52.5°	49.0
55°	40.8
57.5°	34.7
60°	30.6
62.5°	26.5
65°	22.5
67.5°	20.4
70°	16.3
72.5°	14.3
75°	12.2
77.5°	8.2
80°	6.1
82.5°	4.1
85°	2.0
87.5°	2.0
90°	0.0

(END OF REPORT)