

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: P1255899

Luminaire Tested: P3A24R609035D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255899
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R609035D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

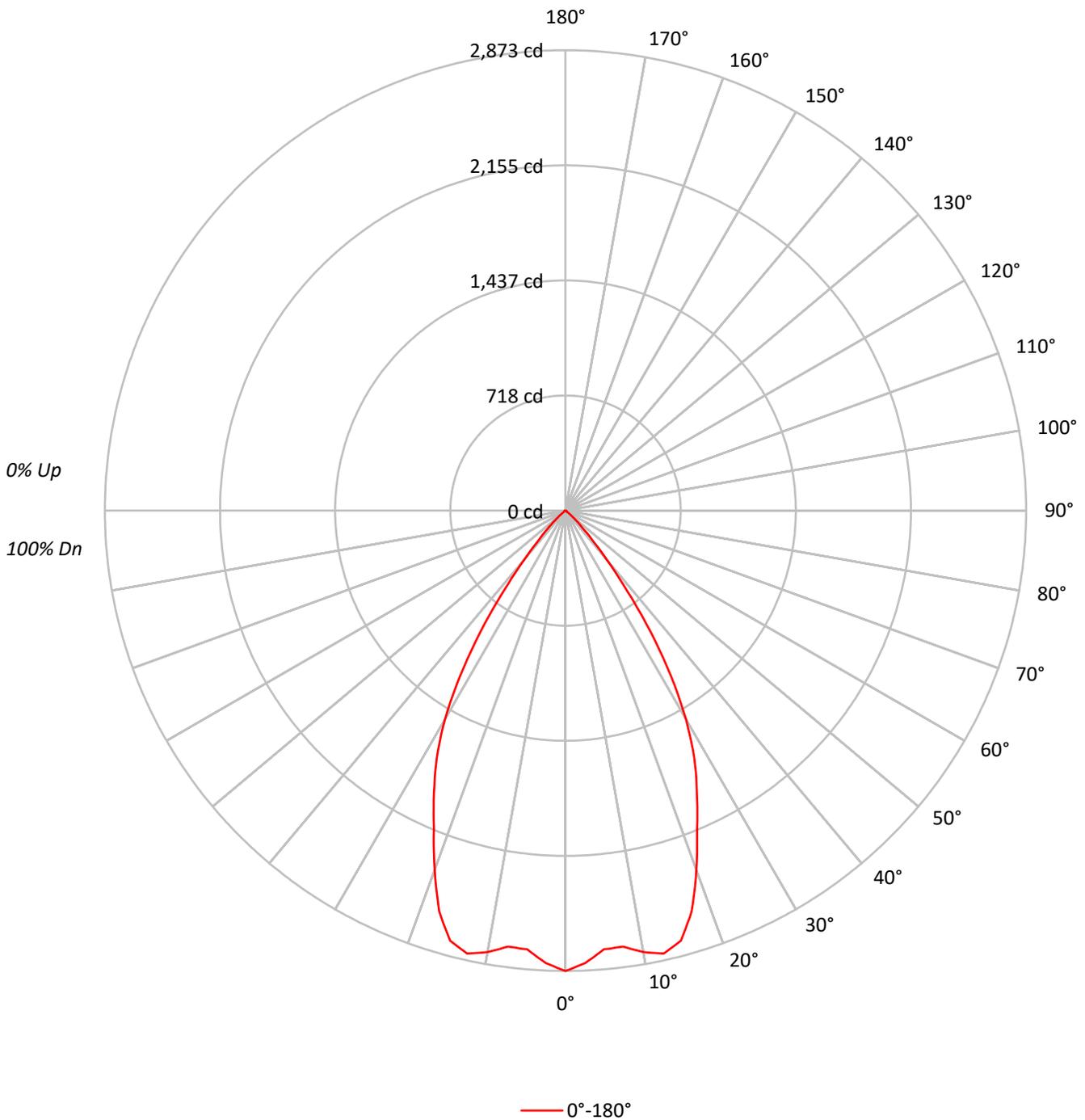
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2638.0 lumens
Efficiency: N/A
Efficacy: 91.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
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				100
1	114	111	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94				94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87				87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81				81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76				76
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72	71				71
6	88	79	73	69	87	79	73	69	77	72	68	76	71	68	74	70	68	66				66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62				62
8	80	70	64	60	78	70	64	60	69	64	60	68	63	60	67	63	59	58				58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55				55
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51				51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	629950
5°	604951
10°	622856
15°	630855
20°	557062
25°	469455
30°	380742
35°	247963
40°	113899
45°	43663
50°	14601
55°	3900
60°	3596
65°	3165
70°	2629
75°	3474
80°	2526
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 43663 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	264.5	10.0
10°-20°	761.0	28.8
20°-30°	887.6	33.6
30°-40°	572.8	21.7
40°-50°	128.3	4.9
50°-60°	12.8	0.5
60°-70°	6.1	0.2
70°-80°	3.5	0.1
80°-90°	1.4	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°	1913.1	72.5
0°-40°	2485.9	94.2
0°-60°	2627.1	99.6
0°-90°	2638.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2638.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2873	
5°	2748	265
15°	2779	761
25°	1940	888
35°	926	573
45°	141	128
55°	10	13
65°	6	6
75°	4	3
85°	2	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2872.8
2.5°	2825.8
5°	2748.3
7.5°	2744.2
10°	2797.3
12.5°	2831.9
15°	2778.9
17.5°	2619.8
20°	2387.2
22.5°	2144.4
25°	1940.3
27.5°	1740.4
30°	1503.7
32.5°	1226.2
35°	926.3
37.5°	632.5
40°	397.9
42.5°	238.7
45°	140.8
47.5°	81.6
50°	42.8
52.5°	14.3
55°	10.2
57.5°	8.2
60°	8.2
62.5°	6.1
65°	6.1
67.5°	6.1
70°	4.1
72.5°	4.1
75°	4.1
77.5°	2.0
80°	2.0
82.5°	2.0
85°	2.0
87.5°	0.0
90°	0.0

(END OF REPORT)