

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: P1255902

Luminaire Tested: P3AS24R609035D010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255902
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: P3AS24R609035D010 E3D1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

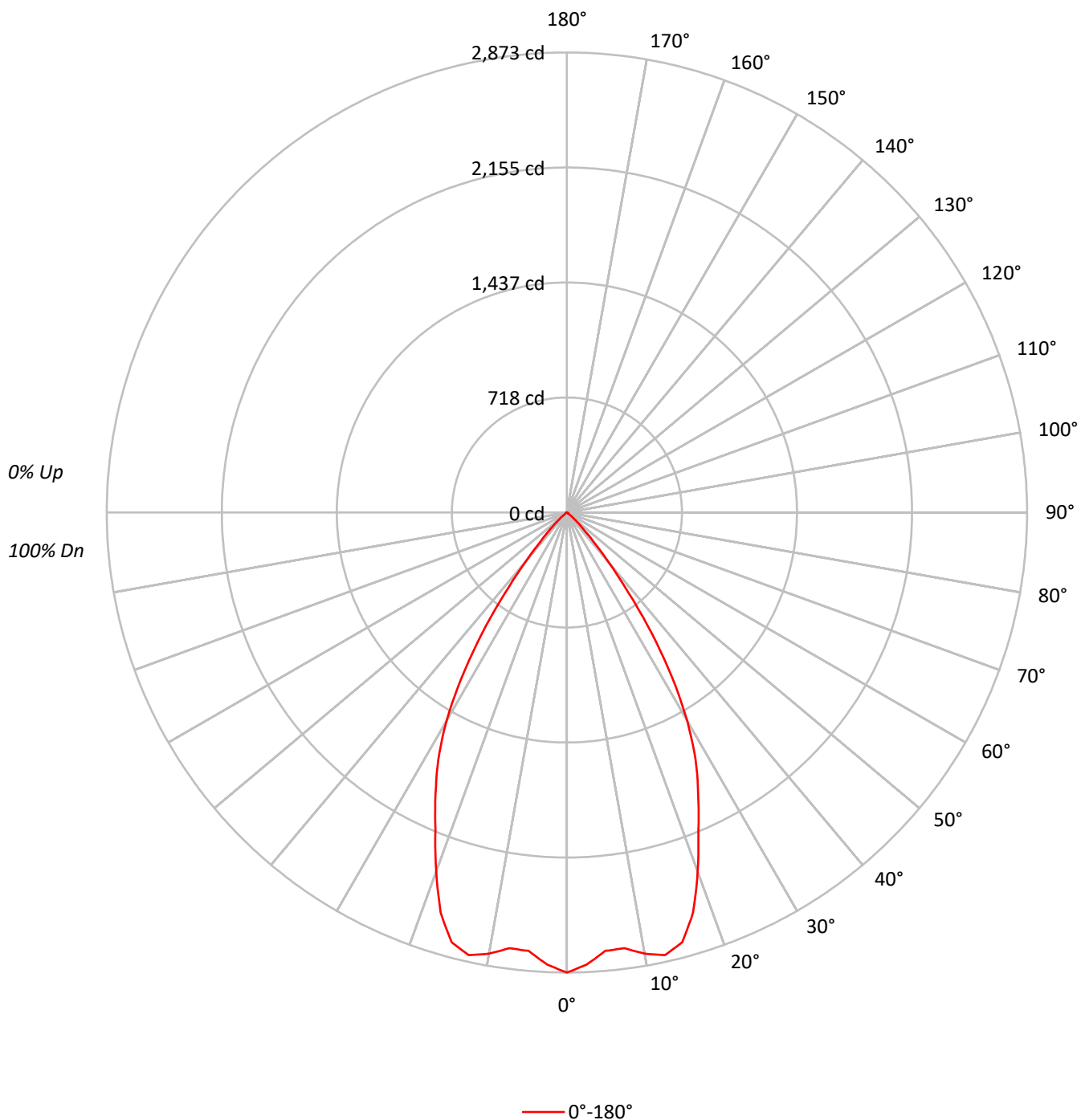
Lumens per Lamp: N/A
Luminaire Lumens: 2638.0 lumens
Efficiency: N/A
Efficacy: 91.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80					70					50					30					10
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	108	106		111	109	106	104		105	103	101		101	100	98		97	96	95
2	108	103	99	96		106	102	98	95		98	95	93		95	93	91		93	91	89
3	103	96	91	88		101	95	90	87		92	89	85		90	87	84		88	85	83
4	98	90	85	81		96	89	84	80		87	83	79		85	81	78		83	80	77
5	93	84	79	74		91	84	78	74		82	77	73		80	76	73		79	75	72
6	88	79	73	69		87	79	73	69		77	72	68		76	71	68		74	70	68
7	84	75	69	64		82	74	68	64		73	68	64		71	67	64		70	66	63
8	80	70	64	60		78	70	64	60		69	64	60		68	63	60		67	63	59
9	76	66	61	57		75	66	60	56		65	60	56		64	59	56		63	59	56
10	72	63	57	53		71	62	57	53		62	56	53		61	56	53		60	56	53

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)