

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: P1253174

Luminaire Tested: P3AS24R559030D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253174
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R559030D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

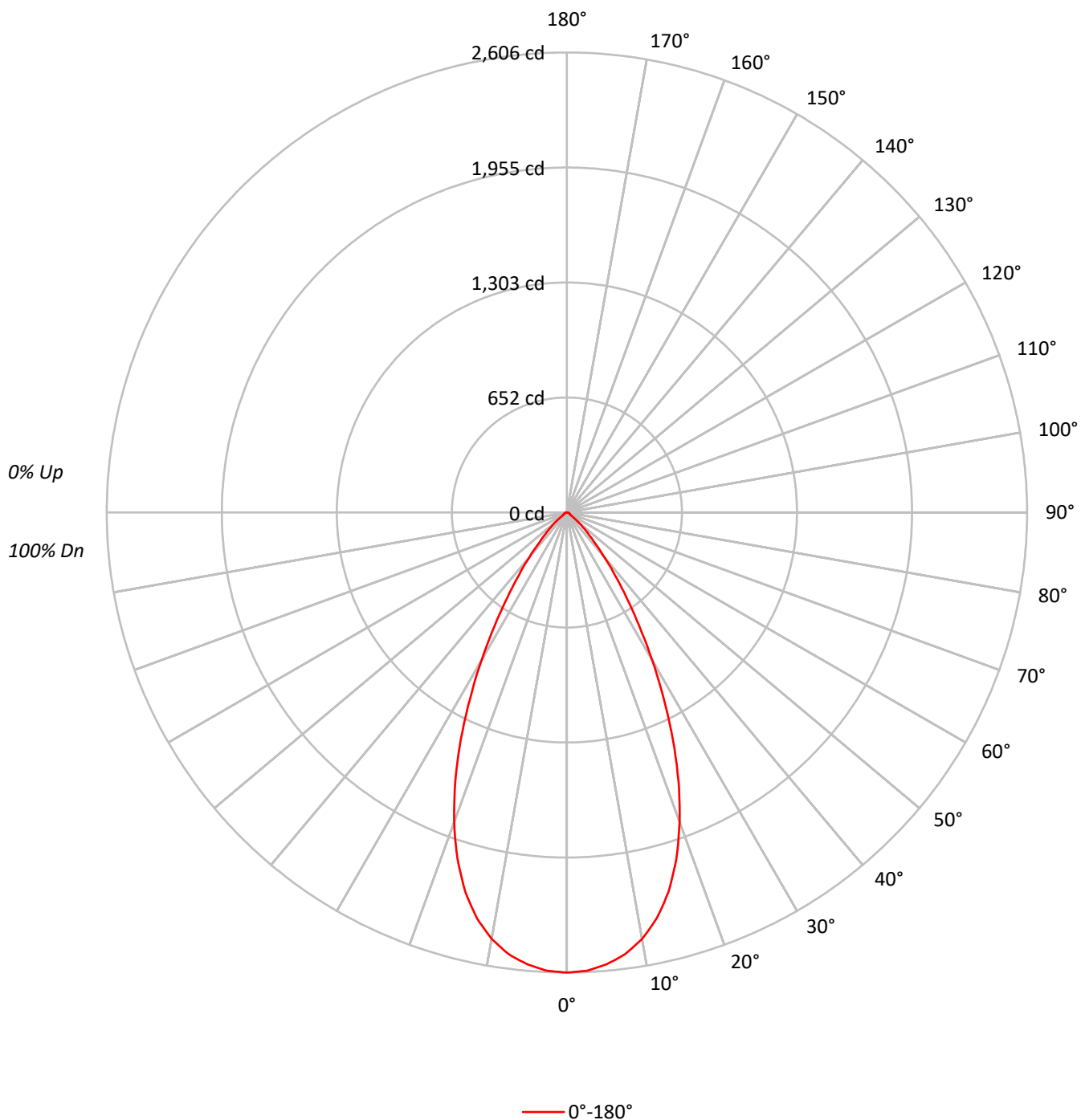
Lumens per Lamp: N/A
Luminaire Lumens: 2081.0 lumens
Efficiency: N/A
Efficacy: 72.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	571424
5°	565616
10°	546238
15°	504906
20°	435695
25°	344125
30°	244114
35°	157403
40°	94549
45°	53277
50°	28656
55°	10208
60°	9210
65°	8924
70°	8591
75°	8049
80°	7198
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 53277 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.7	11.6
10°-20°	615.0	29.6
20°-30°	644.5	31.0
30°-40°	376.0	18.1
40°-50°	140.7	6.8
50°-60°	33.1	1.6
60°-70°	17.0	0.8
70°-80°	10.1	0.5
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°	1501.2	72.1
0°-40°	1877.2	90.2
0°-60°	2051.1	98.6
0°-90°	2081.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2081.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2606	
5°	2570	242
15°	2224	615
25°	1422	645
35°	588	376
45°	172	141
55°	27	33
65°	17	17
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2605.9
2.5°	2598.3
5°	2569.6
7.5°	2523.8
10°	2453.2
12.5°	2353.9
15°	2224.1
17.5°	2059.9
20°	1867.1
22.5°	1651.4
25°	1422.3
27.5°	1187.5
30°	964.1
32.5°	761.7
35°	588.0
37.5°	446.7
40°	330.3
42.5°	236.7
45°	171.8
47.5°	124.1
50°	84.0
52.5°	47.7
55°	26.7
57.5°	22.9
60°	21.0
62.5°	19.1
65°	17.2
67.5°	15.3
70°	13.4
72.5°	11.5
75°	9.5
77.5°	7.6
80°	5.7
82.5°	3.8
85°	1.9
87.5°	1.9
90°	0.0

(END OF REPORT)