

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: P1250465

Luminaire Tested: P3AS24R559027D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250465
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: P3AS24R559027D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

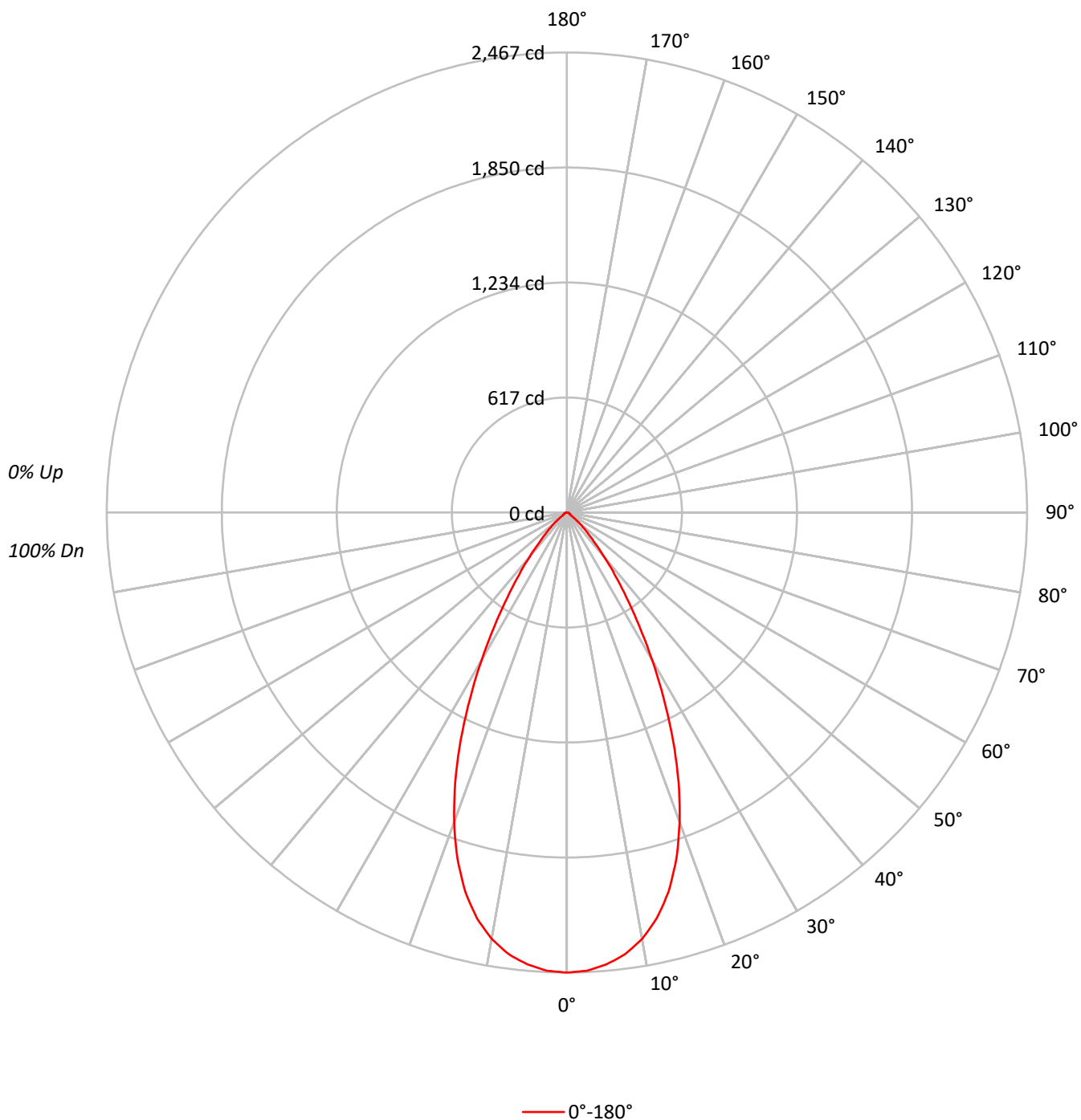
Lumens per Lamp: N/A
Luminaire Lumens: 1970.0 lumens
Efficiency: N/A
Efficacy: 68.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	540944
5°	535460
10°	517091
15°	477982
20°	412453
25°	325761
30°	231099
35°	148998
40°	89511
45°	50455
50°	27121
55°	9672
60°	8727
65°	8457
70°	8142
75°	7625
80°	6819
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 50455 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	228.8	11.6
10°-20°	582.2	29.6
20°-30°	610.1	31.0
30°-40°	356.0	18.1
40°-50°	133.2	6.8
50°-60°	31.4	1.6
60°-70°	16.1	0.8
70°-80°	9.5	0.5
80°-90°	2.7	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°	1421.1	72.1
0°-40°	1777.1	90.2
0°-60°	1941.7	98.6
0°-90°	1970.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1970.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2467	
5°	2433	229
15°	2106	582
25°	1346	610
35°	557	356
45°	163	133
55°	25	31
65°	16	16
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2466.9
2.5°	2459.7
5°	2432.6
7.5°	2389.2
10°	2322.3
12.5°	2228.4
15°	2105.5
17.5°	1950.0
20°	1767.5
22.5°	1563.3
25°	1346.4
27.5°	1124.1
30°	912.7
32.5°	721.1
35°	556.6
37.5°	422.9
40°	312.7
42.5°	224.1
45°	162.7
47.5°	117.5
50°	79.5
52.5°	45.2
55°	25.3
57.5°	21.7
60°	19.9
62.5°	18.1
65°	16.3
67.5°	14.5
70°	12.7
72.5°	10.8
75°	9.0
77.5°	7.2
80°	5.4
82.5°	3.6
85°	1.8
87.5°	1.8
90°	0.0

(END OF REPORT)