

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: P1276579

Luminaire Tested: P3AS17R559835DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276579
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: P3AS17R559835DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

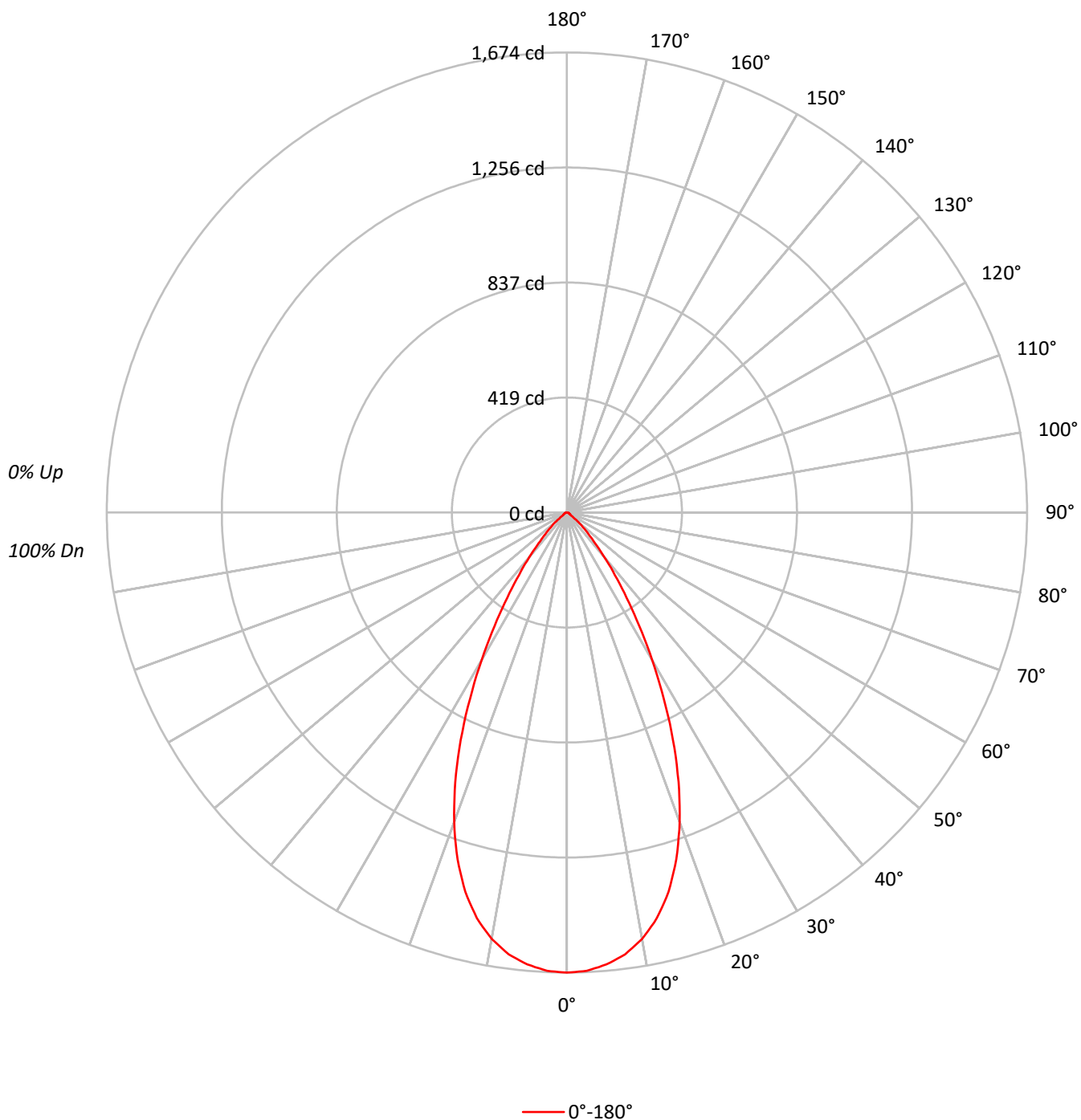
Lumens per Lamp: N/A
Luminaire Lumens: 1337.0 lumens
Efficiency: N/A
Efficacy: 65.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	367120
5°	363393
10°	350940
15°	324383
20°	279931
25°	221093
30°	156834
35°	101134
40°	60742
45°	34236
50°	18422
55°	6576
60°	5921
65°	5707
70°	5514
75°	5168
80°	4672
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34236 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.3	11.6
10°-20°	395.1	29.6
20°-30°	414.1	31.0
30°-40°	241.6	18.1
40°-50°	90.4	6.8
50°-60°	21.3	1.6
60°-70°	10.9	0.8
70°-80°	6.5	0.5
80°-90°	1.8	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°	964.5	72.1
0°-40°	1206.1	90.2
0°-60°	1317.8	98.6
0°-90°	1337.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1337.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1674	
5°	1651	155
15°	1429	395
25°	914	414
35°	378	242
45°	110	90
55°	17	21
65°	11	11
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1674.2
2.5°	1669.3
5°	1650.9
7.5°	1621.5
10°	1576.1
12.5°	1512.3
15°	1428.9
17.5°	1323.5
20°	1199.6
22.5°	1061.0
25°	913.8
27.5°	762.9
30°	619.4
32.5°	489.4
35°	377.8
37.5°	287.0
40°	212.2
42.5°	152.1
45°	110.4
47.5°	79.7
50°	54.0
52.5°	30.7
55°	17.2
57.5°	14.7
60°	13.5
62.5°	12.3
65°	11.0
67.5°	9.8
70°	8.6
72.5°	7.4
75°	6.1
77.5°	4.9
80°	3.7
82.5°	2.5
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)