

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: P1276585

Luminaire Tested: P3AS17R559835DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276585
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559835DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

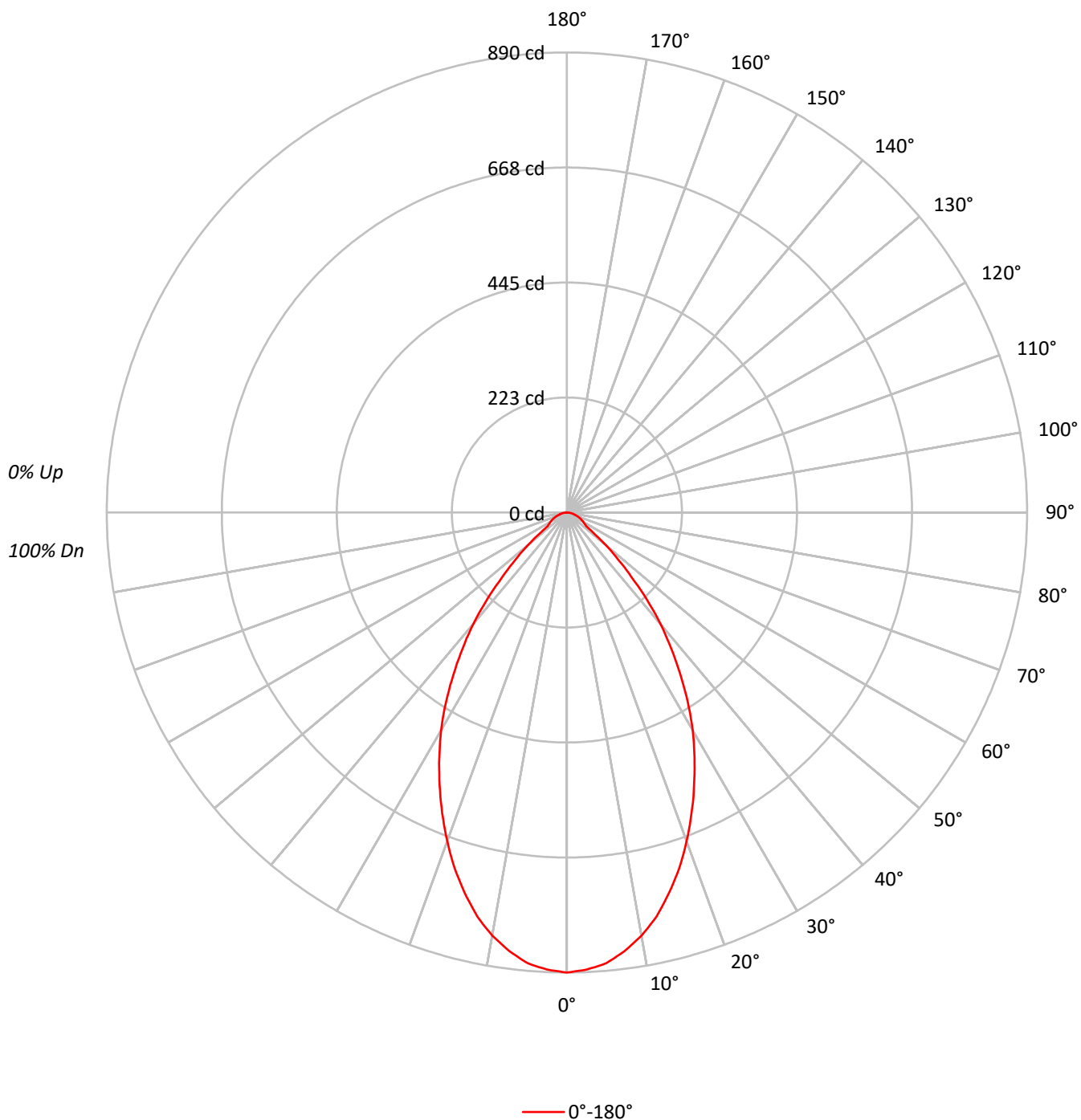
Lumens per Lamp: N/A
Luminaire Lumens: 1038.0 lumens
Efficiency: N/A
Efficacy: 50.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	54	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	195160
5°	192670
10°	185078
15°	173100
20°	157910
25°	140887
30°	123234
35°	102392
40°	80723
45°	54734
50°	33466
55°	17357
60°	16139
65°	15255
70°	14169
75°	12454
80°	12375
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 54734 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.1	7.9
10°-20°	213.1	20.5
20°-30°	266.9	25.7
30°-40°	238.2	23.0
40°-50°	139.5	13.4
50°-60°	48.2	4.6
60°-70°	29.1	2.8
70°-80°	16.2	1.6
80°-90°	4.7	0.5
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°	562.1	54.2
0°-40°	800.3	77.1
0°-60°	988.1	95.2
0°-90°	1038.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1038.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	890	
5°	875	82
15°	762	213
25°	582	267
35°	382	238
45°	176	140
55°	45	48
65°	29	29
75°	15	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	890.0
2.5°	885.1
5°	875.3
7.5°	855.7
10°	831.2
12.5°	800.6
15°	762.5
17.5°	722.1
20°	676.7
22.5°	630.1
25°	582.3
27.5°	534.5
30°	486.7
32.5°	435.2
35°	382.5
37.5°	331.0
40°	282.0
42.5°	229.3
45°	176.5
47.5°	134.9
50°	98.1
52.5°	63.8
55°	45.4
57.5°	40.5
60°	36.8
62.5°	33.1
65°	29.4
67.5°	25.7
70°	22.1
72.5°	18.4
75°	14.7
77.5°	12.3
80°	9.8
82.5°	6.1
85°	3.7
87.5°	2.5
90°	0.0

(END OF REPORT)