

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: P1276582

Luminaire Tested: P3AS17R559835DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276582
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 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

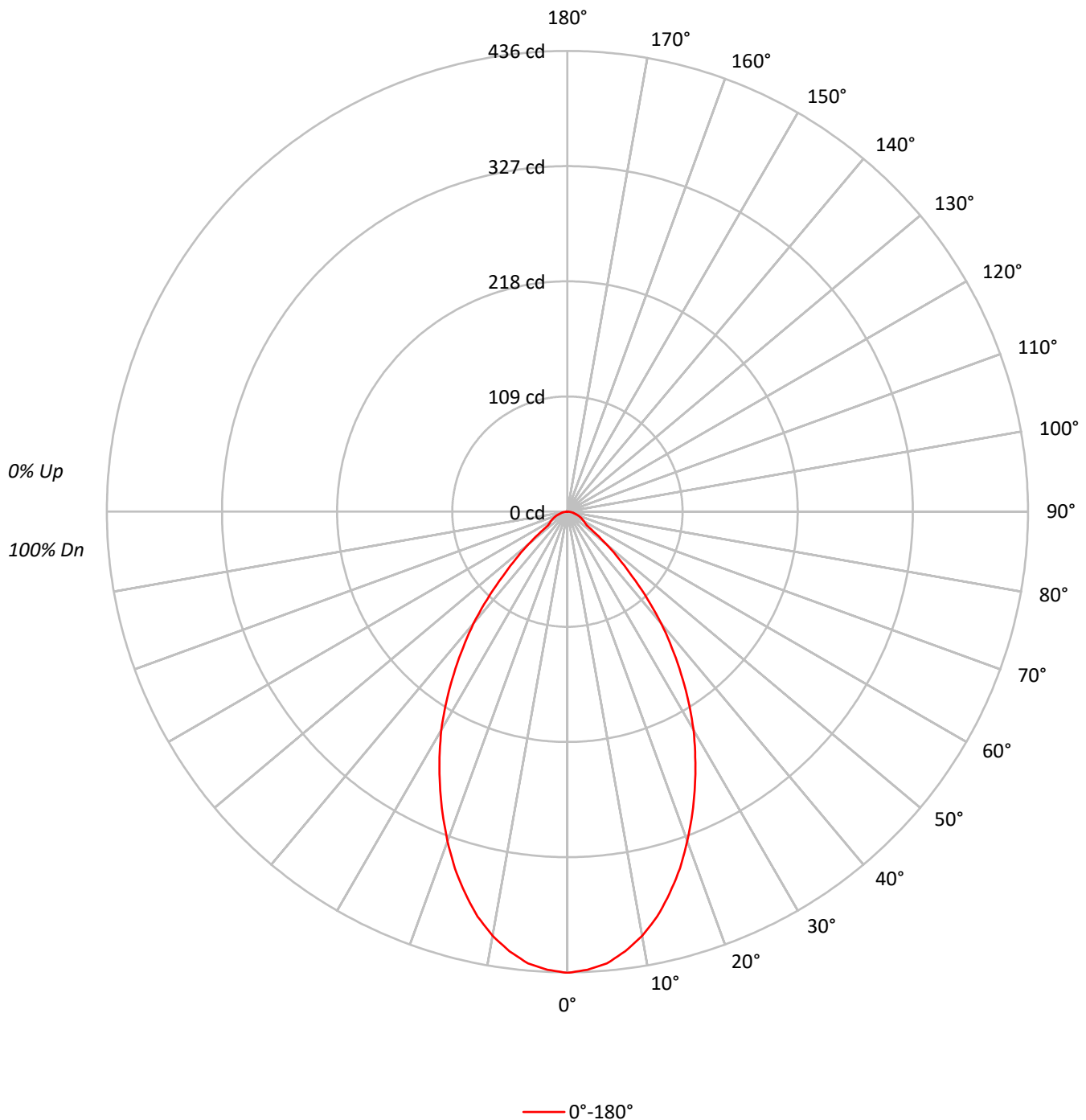
Lumens per Lamp: N/A
Luminaire Lumens: 508.9 lumens
Efficiency: N/A
Efficacy: 24.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	96		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	55	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°	95716
5°	94475
10°	90758
15°	84881
20°	77427
25°	69101
30°	60440
35°	50219
40°	39588
45°	26856
50°	16409
55°	8487
60°	7894
65°	7472
70°	6924
75°	6100
80°	6061
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26856 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.3	7.9
10°-20°	104.5	20.5
20°-30°	130.9	25.7
30°-40°	116.8	23.0
40°-50°	68.4	13.4
50°-60°	23.6	4.6
60°-70°	14.2	2.8
70°-80°	7.9	1.6
80°-90°	2.3	0.4
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°	275.6	54.2
0°-40°	392.5	77.1
0°-60°	484.5	95.2
0°-90°	508.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	508.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	436	
5°	429	40
15°	374	105
25°	286	131
35°	188	117
45°	87	68
55°	22	24
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	436.5
2.5°	434.0
5°	429.2
7.5°	419.6
10°	407.6
12.5°	392.6
15°	373.9
17.5°	354.1
20°	331.8
22.5°	309.0
25°	285.6
27.5°	262.1
30°	238.7
32.5°	213.4
35°	187.6
37.5°	162.3
40°	138.3
42.5°	112.4
45°	86.6
47.5°	66.1
50°	48.1
52.5°	31.3
55°	22.2
57.5°	19.8
60°	18.0
62.5°	16.2
65°	14.4
67.5°	12.6
70°	10.8
72.5°	9.0
75°	7.2
77.5°	6.0
80°	4.8
82.5°	3.0
85°	1.8
87.5°	1.2
90°	0.0

(END OF REPORT)