

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: P1276499

Luminaire Tested: P3AS17R409835DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276499
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409835DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

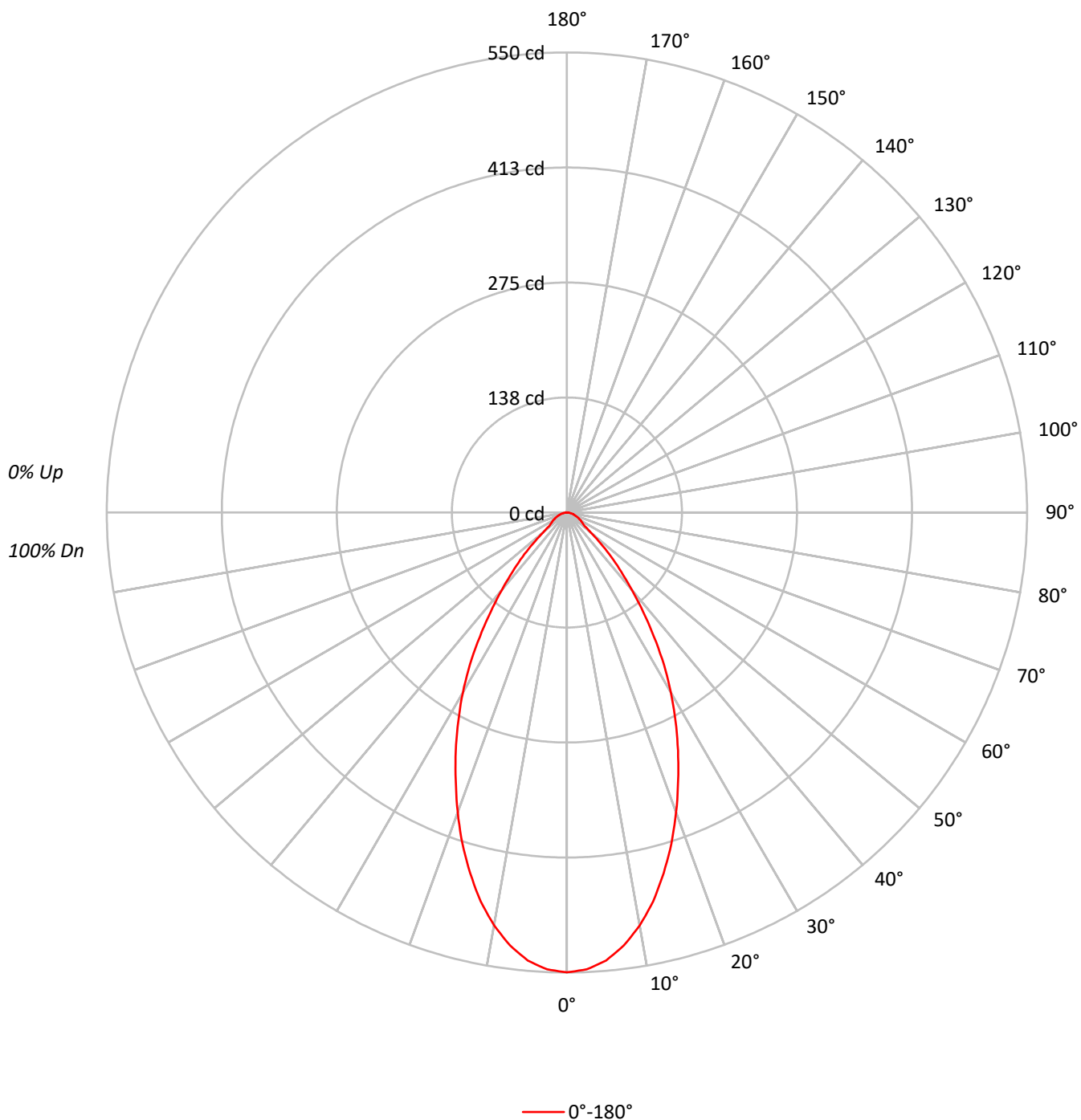
Lumens per Lamp: N/A
Luminaire Lumens: 536.9 lumens
Efficiency: N/A
Efficacy: 26.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	58	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120539
5°	118358
10°	111577
15°	101340
20°	89024
25°	76021
30°	62972
35°	48559
40°	34579
45°	23289
50°	12690
55°	8946
60°	8420
65°	7783
70°	6924
75°	6608
80°	5304
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23289 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.1	9.3
10°-20°	124.4	23.2
20°-30°	143.8	26.8
30°-40°	113.3	21.1
40°-50°	58.2	10.8
50°-60°	22.2	4.1
60°-70°	14.7	2.7
70°-80°	8.0	1.5
80°-90°	2.4	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°	318.3	59.3
0°-40°	431.5	80.4
0°-60°	511.9	95.3
0°-90°	536.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	536.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	550	
5°	538	50
15°	446	124
25°	314	144
35°	181	113
45°	75	58
55°	23	22
65°	15	15
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	549.7
2.5°	546.7
5°	537.7
7.5°	522.1
10°	501.1
12.5°	476.4
15°	446.4
17.5°	415.2
20°	381.5
22.5°	347.3
25°	314.2
27.5°	281.2
30°	248.7
32.5°	215.7
35°	181.4
37.5°	149.6
40°	120.8
42.5°	96.1
45°	75.1
47.5°	54.7
50°	37.2
52.5°	27.0
55°	23.4
57.5°	21.0
60°	19.2
62.5°	16.8
65°	15.0
67.5°	12.6
70°	10.8
72.5°	9.0
75°	7.8
77.5°	6.0
80°	4.2
82.5°	3.6
85°	1.8
87.5°	1.2
90°	0.0

(END OF REPORT)