

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: P1276439

Luminaire Tested: P3AS17R309835DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276439
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309835DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

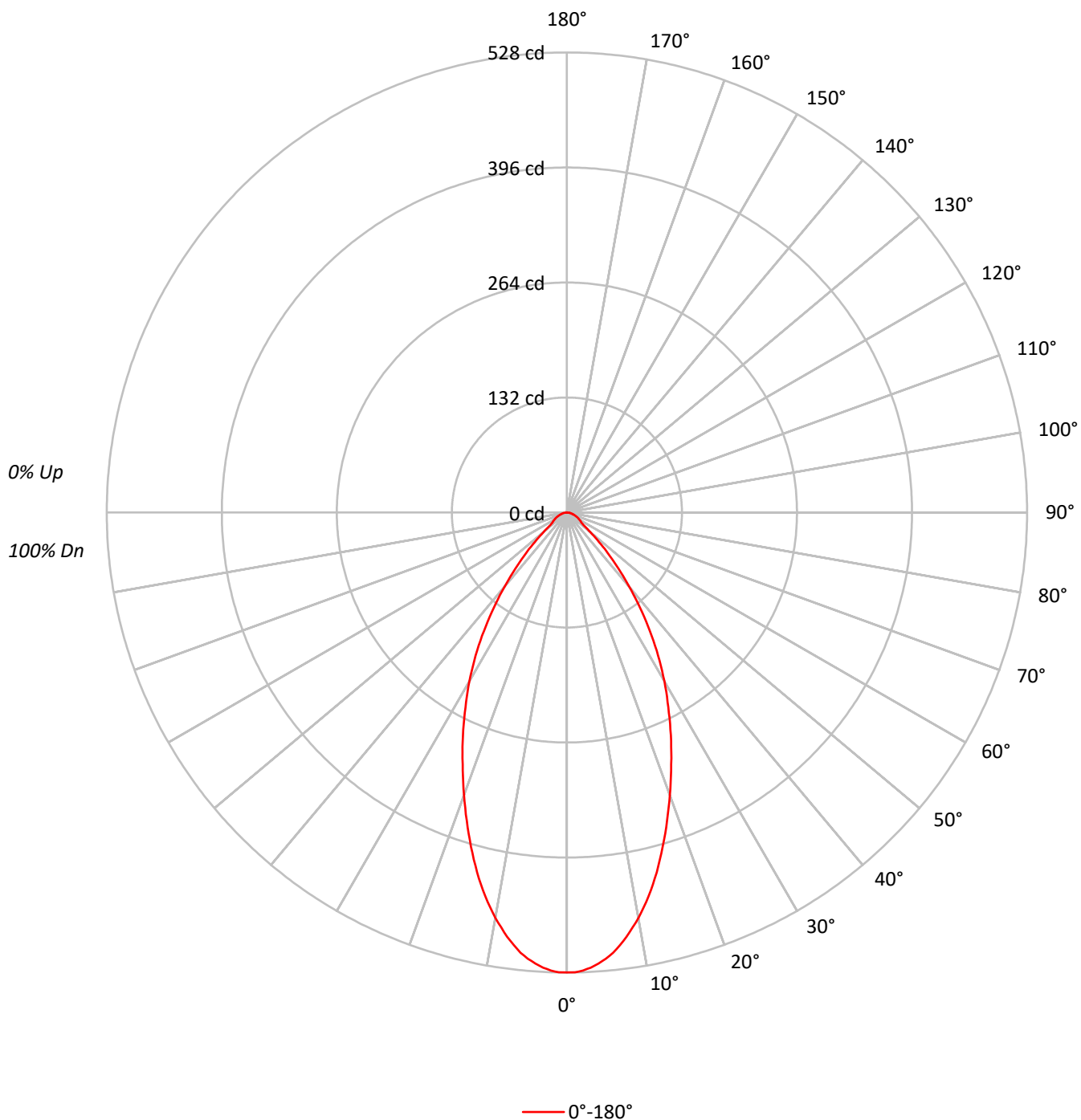
Lumens per Lamp: N/A
Luminaire Lumens: 489.9 lumens
Efficiency: N/A
Efficacy: 24.0 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	77	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	115758
5°	113163
10°	105231
15°	93644
20°	80530
25°	68230
30°	56642
35°	44437
40°	31831
45°	20870
50°	11906
55°	7799
60°	7368
65°	6849
70°	6155
75°	5592
80°	5304
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20870 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.7	9.7
10°-20°	114.7	23.4
20°-30°	129.2	26.4
30°-40°	103.2	21.1
40°-50°	53.0	10.8
50°-60°	19.9	4.1
60°-70°	13.1	2.7
70°-80°	7.0	1.4
80°-90°	2.0	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°	291.6	59.5
0°-40°	394.8	80.6
0°-60°	467.8	95.5
0°-90°	489.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	489.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	528	
5°	514	48
15°	412	115
25°	282	129
35°	166	103
45°	67	53
55°	20	20
65°	13	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	527.9
1°	527.9
2°	526.1
3°	523.1
4°	518.9
5°	514.1
6°	508.1
7°	500.3
8°	491.8
9°	482.2
10°	472.6
11°	461.8
12°	450.4
13°	438.3
14°	425.7
15°	412.5
17.5°	378.8
20°	345.1
22.5°	312.7
25°	282.0
27.5°	251.9
30°	223.7
32.5°	194.8
35°	166.0
37.5°	137.7
40°	111.2
42.5°	87.8
45°	67.3
47.5°	49.9
50°	34.9
52.5°	24.7
55°	20.4
57.5°	18.6
60°	16.8
62.5°	15.0
65°	13.2
67.5°	11.4
70°	9.6
72.5°	7.8
75°	6.6
77.5°	5.4
80°	4.2
82.5°	3.0
85°	1.8
87.5°	0.6



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)