

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: P1276787

Luminaire Tested: P3AS20R309835D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276787
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: P3AS20R309835D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

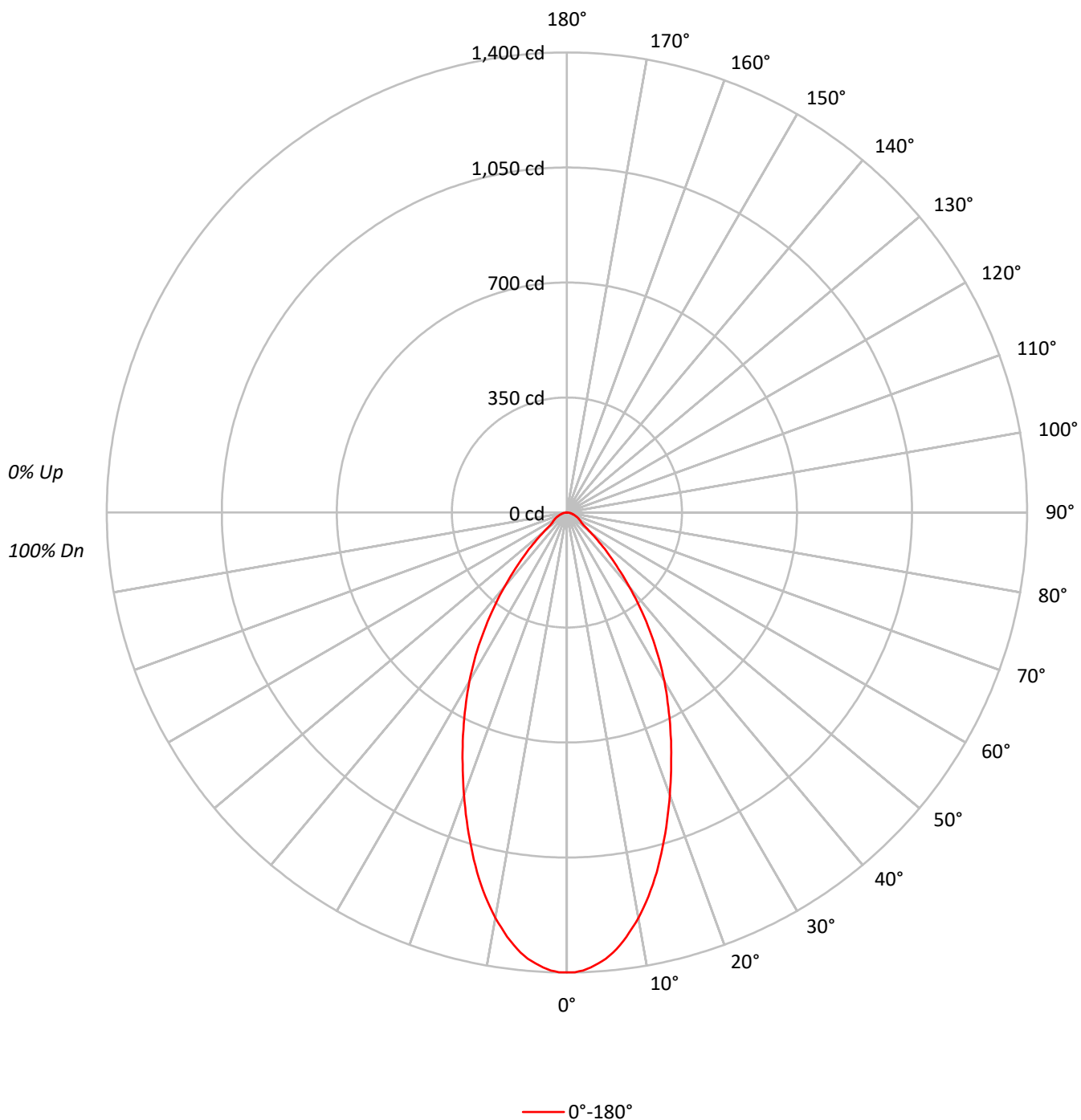
Lumens per Lamp: N/A
Luminaire Lumens: 1299.0 lumens
Efficiency: N/A
Efficacy: 47.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	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°	306883
5°	299999
10°	278975
15°	248242
20°	213519
25°	180881
30°	150150
35°	117758
40°	84415
45°	55355
50°	31555
55°	20721
60°	19560
65°	18212
70°	16349
75°	14827
80°	14143
85°	12077

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 55355 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.5	9.7
10°-20°	304.0	23.4
20°-30°	342.6	26.4
30°-40°	273.6	21.1
40°-50°	140.6	10.8
50°-60°	52.9	4.1
60°-70°	34.7	2.7
70°-80°	18.7	1.4
80°-90°	5.4	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°	773.1	59.5
0°-40°	1046.7	80.6
0°-60°	1240.2	95.5
0°-90°	1299.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1299.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1400	
5°	1363	127
15°	1094	304
25°	748	343
35°	440	274
45°	178	141
55°	54	53
65°	35	35
75°	18	19
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1399.5
1°	1399.5
2°	1394.8
3°	1386.8
4°	1375.6
5°	1362.9
6°	1346.9
7°	1326.2
8°	1303.9
9°	1278.4
10°	1252.9
11°	1224.2
12°	1193.9
13°	1162.0
14°	1128.6
15°	1093.5
17.5°	1004.2
20°	915.0
22.5°	828.9
25°	747.6
27.5°	667.9
30°	593.0
32.5°	516.5
35°	439.9
37.5°	365.0
40°	294.9
42.5°	232.7
45°	178.5
47.5°	132.3
50°	92.5
52.5°	65.4
55°	54.2
57.5°	49.4
60°	44.6
62.5°	39.9
65°	35.1
67.5°	30.3
70°	25.5
72.5°	20.7
75°	17.5
77.5°	14.3
80°	11.2
82.5°	8.0
85°	4.8
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)