

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: P1276793

Luminaire Tested: P3AS20R309835D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276793
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309835D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

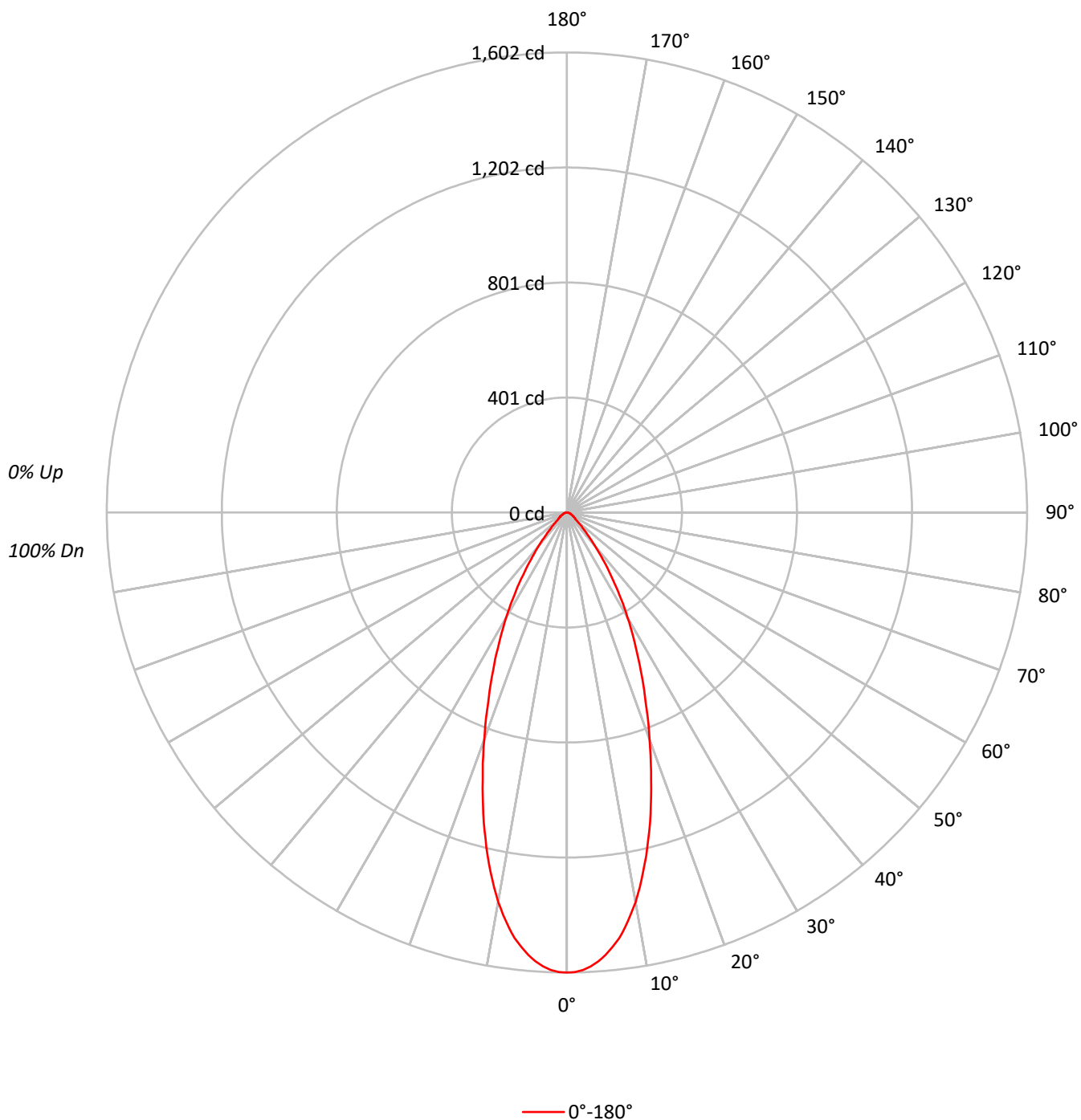
Lumens per Lamp: N/A
Luminaire Lumens: 1028.0 lumens
Efficiency: N/A
Efficacy: 37.5 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	351288
5°	340347
10°	306652
15°	253668
20°	196390
25°	147323
30°	106953
35°	71260
40°	43796
45°	25708
50°	15761
55°	12807
60°	11183
65°	9080
70°	8207
75°	8133
80°	6061
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25708 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.2	13.8
10°-20°	307.8	29.9
20°-30°	280.0	27.2
30°-40°	169.3	16.5
40°-50°	67.9	6.6
50°-60°	30.1	2.9
60°-70°	18.1	1.8
70°-80°	9.9	1.0
80°-90°	2.8	0.3
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°	729.9	71.0
0°-40°	899.2	87.5
0°-60°	997.2	97.0
0°-90°	1028.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1028.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1602	
5°	1546	142
15°	1117	308
25°	609	280
35°	266	169
45°	83	68
55°	34	30
65°	18	18
75°	10	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1602.0
1°	1600.4
2°	1594.0
3°	1582.9
4°	1566.9
5°	1546.2
6°	1520.7
7°	1493.6
8°	1458.5
9°	1418.7
10°	1377.2
11°	1329.4
12°	1278.4
13°	1227.4
14°	1171.6
15°	1117.4
17.5°	975.5
20°	841.6
22.5°	717.3
25°	608.9
27.5°	510.1
30°	422.4
32.5°	341.1
35°	266.2
37.5°	204.0
40°	153.0
42.5°	111.6
45°	82.9
47.5°	62.2
50°	46.2
52.5°	36.7
55°	33.5
57.5°	28.7
60°	25.5
62.5°	20.7
65°	17.5
67.5°	15.9
70°	12.8
72.5°	11.2
75°	9.6
77.5°	8.0
80°	4.8
82.5°	3.2
85°	3.2
87.5°	1.6



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)