

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: P1252696

Luminaire Tested: P3AS20R309030D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252696
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: P3AS20R309030D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

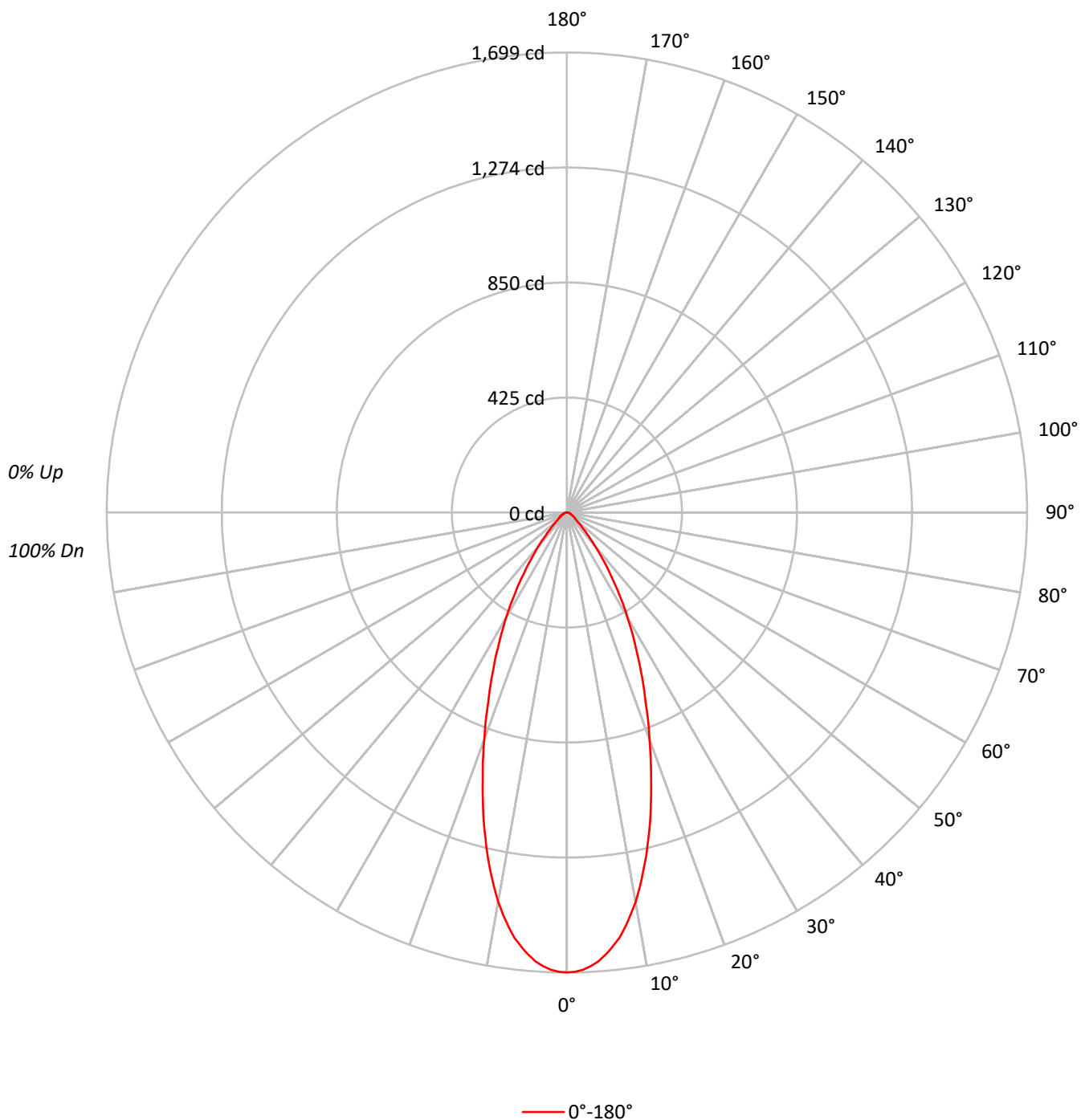
Lumens per Lamp: N/A
Luminaire Lumens: 1090.0 lumens
Efficiency: N/A
Efficacy: 37.8 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	372470
5°	360884
10°	325155
15°	268969
20°	208245
25°	156203
30°	113410
35°	75570
40°	46458
45°	27259
50°	16716
55°	13572
60°	11841
65°	9651
70°	8655
75°	8557
80°	6440
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27259 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.8	13.8
10°-20°	326.3	29.9
20°-30°	296.9	27.2
30°-40°	179.5	16.5
40°-50°	72.0	6.6
50°-60°	31.9	2.9
60°-70°	19.2	1.8
70°-80°	10.5	1.0
80°-90°	3.0	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°	774.0	71.0
0°-40°	953.5	87.5
0°-60°	1057.3	97.0
0°-90°	1090.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1090.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1699	
5°	1640	151
15°	1185	326
25°	646	297
35°	282	180
45°	88	72
55°	36	32
65°	19	19
75°	10	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1698.6
1°	1696.9
2°	1690.2
3°	1678.3
4°	1661.4
5°	1639.5
6°	1612.4
7°	1583.7
8°	1546.5
9°	1504.2
10°	1460.3
11°	1409.6
12°	1355.5
13°	1301.4
14°	1242.3
15°	1184.8
17.5°	1034.4
20°	892.4
22.5°	760.6
25°	645.6
27.5°	540.9
30°	447.9
32.5°	361.7
35°	282.3
37.5°	216.3
40°	162.3
42.5°	118.3
45°	87.9
47.5°	65.9
50°	49.0
52.5°	38.9
55°	35.5
57.5°	30.4
60°	27.0
62.5°	22.0
65°	18.6
67.5°	16.9
70°	13.5
72.5°	11.8
75°	10.1
77.5°	8.5
80°	5.1
82.5°	3.4
85°	3.4
87.5°	1.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)