

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: P1250334

Luminaire Tested: P3AS24R309027D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250334
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: P3AS24R309027D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

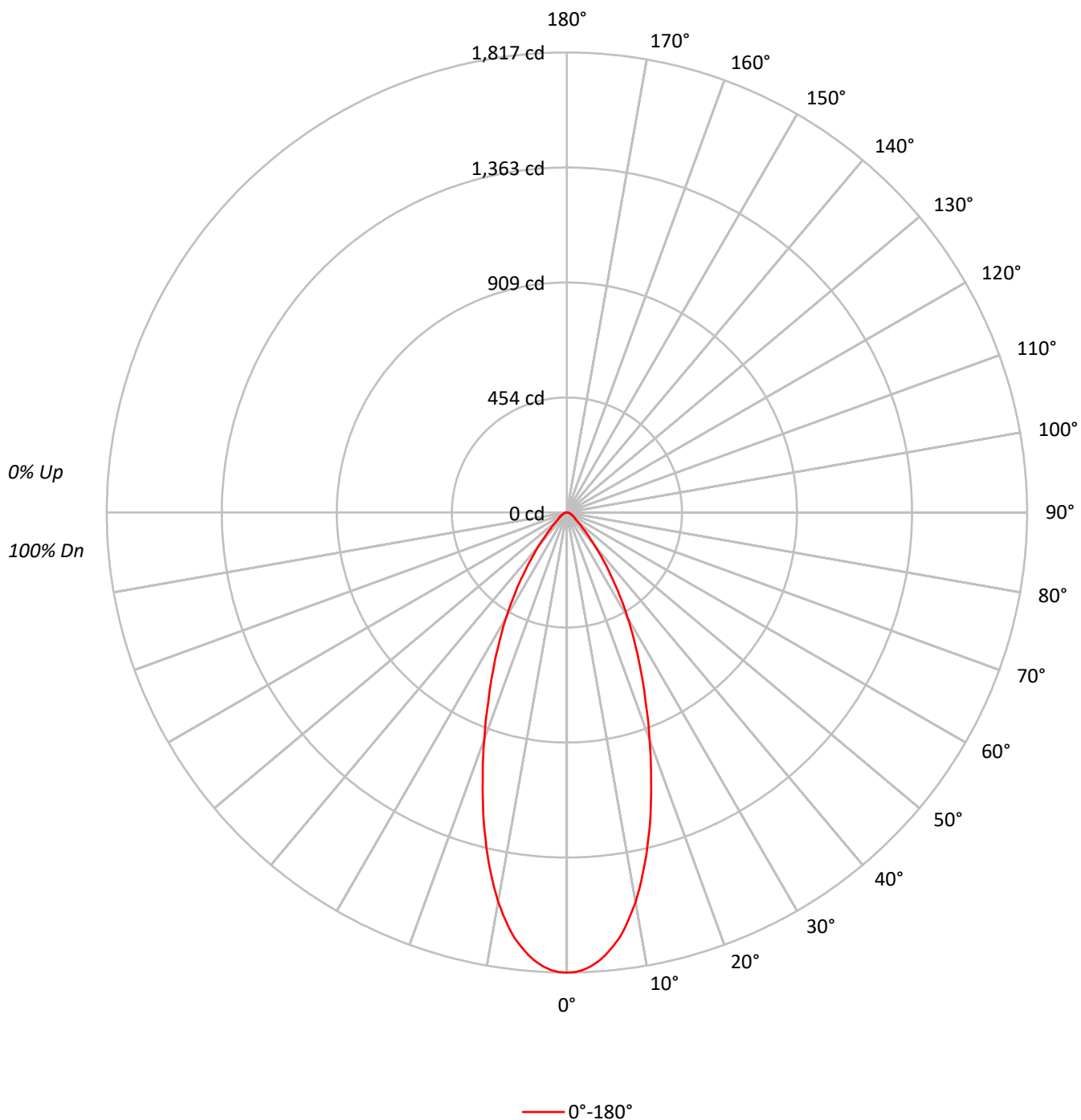
Lumens per Lamp: N/A
Luminaire Lumens: 1166.0 lumens
Efficiency: N/A
Efficacy: 40.5 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	398455
5°	386043
10°	347823
15°	287720
20°	222759
25°	167114
30°	121310
35°	80816
40°	49693
45°	29150
50°	17876
55°	14528
60°	12674
65°	10325
70°	9296
75°	9150
80°	6819
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29150 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.3	13.8
10°-20°	349.1	29.9
20°-30°	317.6	27.2
30°-40°	192.0	16.5
40°-50°	77.0	6.6
50°-60°	34.1	2.9
60°-70°	20.6	1.8
70°-80°	11.2	1.0
80°-90°	3.2	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°	828.0	71.0
0°-40°	1020.0	87.5
0°-60°	1131.0	97.0
0°-90°	1166.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1166.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1817	
5°	1754	161
15°	1267	349
25°	691	318
35°	302	192
45°	94	77
55°	38	34
65°	20	21
75°	11	11
85°	4	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1817.1
1°	1815.2
2°	1808.0
3°	1795.4
4°	1777.3
5°	1753.8
6°	1724.8
7°	1694.1
8°	1654.3
9°	1609.1
10°	1562.1
11°	1507.9
12°	1450.0
13°	1392.2
14°	1328.9
15°	1267.4
17.5°	1106.5
20°	954.6
22.5°	813.6
25°	690.7
27.5°	578.6
30°	479.1
32.5°	386.9
35°	301.9
37.5°	231.4
40°	173.6
42.5°	126.6
45°	94.0
47.5°	70.5
50°	52.4
52.5°	41.6
55°	38.0
57.5°	32.5
60°	28.9
62.5°	23.5
65°	19.9
67.5°	18.1
70°	14.5
72.5°	12.7
75°	10.8
77.5°	9.0
80°	5.4
82.5°	3.6
85°	3.6
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)