

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: P1250362

Luminaire Tested: P3AS24R359027D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250362
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359027D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

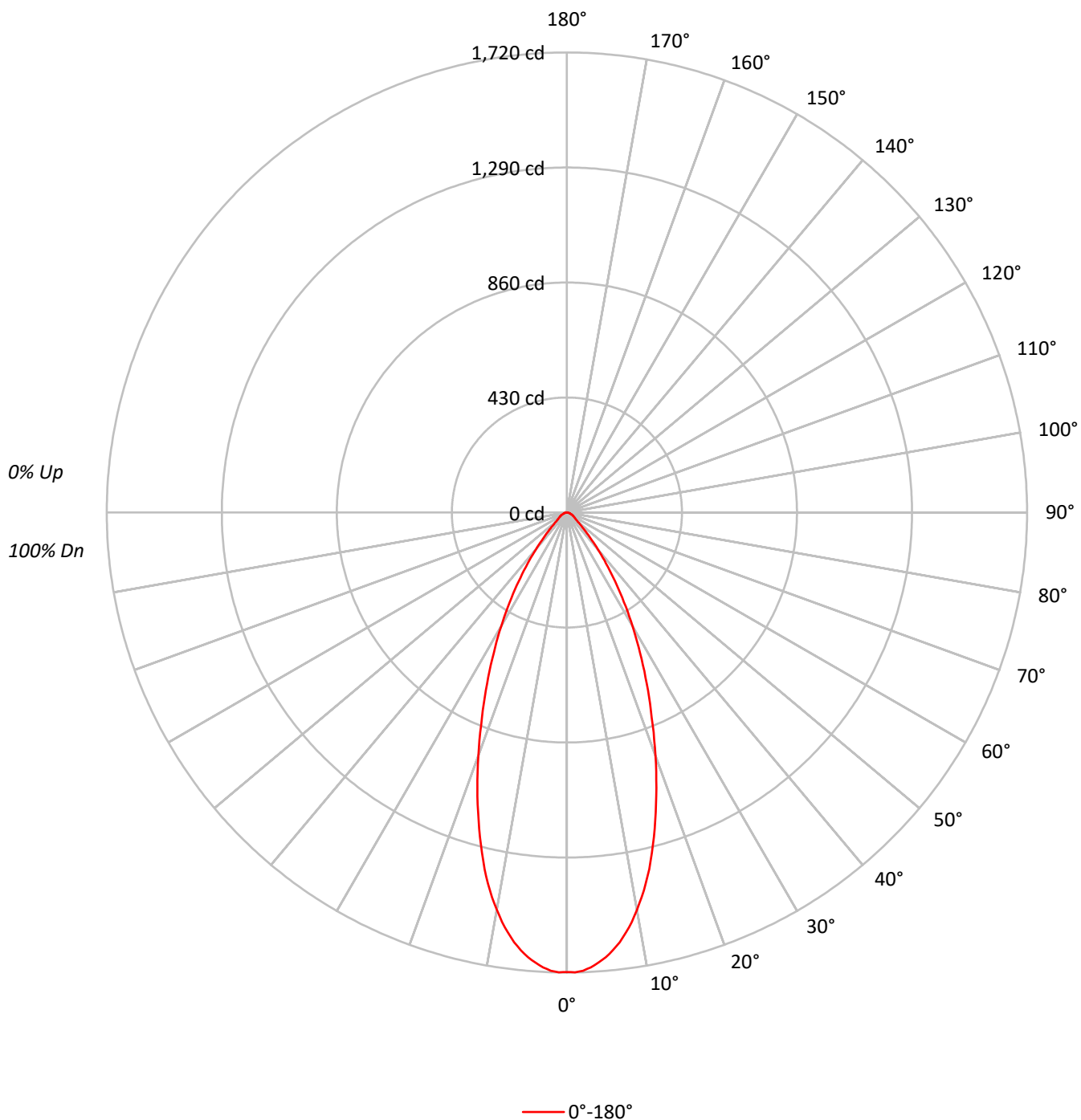
Lumens per Lamp: N/A
Luminaire Lumens: 1172.0 lumens
Efficiency: N/A
Efficacy: 40.7 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	376702
5°	367421
10°	335910
15°	285132
20°	225700
25°	170720
30°	124272
35°	84055
40°	51668
45°	29646
50°	17842
55°	14489
60°	12674
65°	11259
70°	9232
75°	9150
80°	9092
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 29646 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.3	13.2
10°-20°	346.3	29.5
20°-30°	323.9	27.6
30°-40°	198.2	16.9
40°-50°	78.1	6.7
50°-60°	34.4	2.9
60°-70°	21.4	1.8
70°-80°	11.4	1.0
80°-90°	3.9	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°	824.4	70.3
0°-40°	1022.7	87.3
0°-60°	1135.2	96.9
0°-90°	1172.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1172.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1718	
5°	1669	154
15°	1256	346
25°	706	324
35°	314	198
45°	96	78
55°	38	34
65°	22	21
75°	11	11
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1717.9
1°	1719.8
2°	1714.3
3°	1703.5
4°	1687.3
5°	1669.2
6°	1645.8
7°	1618.7
8°	1586.2
9°	1550.1
10°	1508.6
11°	1465.3
12°	1418.4
13°	1367.9
14°	1311.9
15°	1256.0
17.5°	1111.6
20°	967.2
22.5°	828.3
25°	705.6
27.5°	591.9
30°	490.8
32.5°	397.0
35°	314.0
37.5°	240.0
40°	180.5
42.5°	129.9
45°	95.6
47.5°	68.6
50°	52.3
52.5°	43.3
55°	37.9
57.5°	32.5
60°	28.9
62.5°	25.3
65°	21.7
67.5°	18.0
70°	14.4
72.5°	12.6
75°	10.8
77.5°	9.0
80°	7.2
82.5°	5.4
85°	3.6
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)