

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: P1261014

Luminaire Tested: P3AS24R259050D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261014
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259050D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

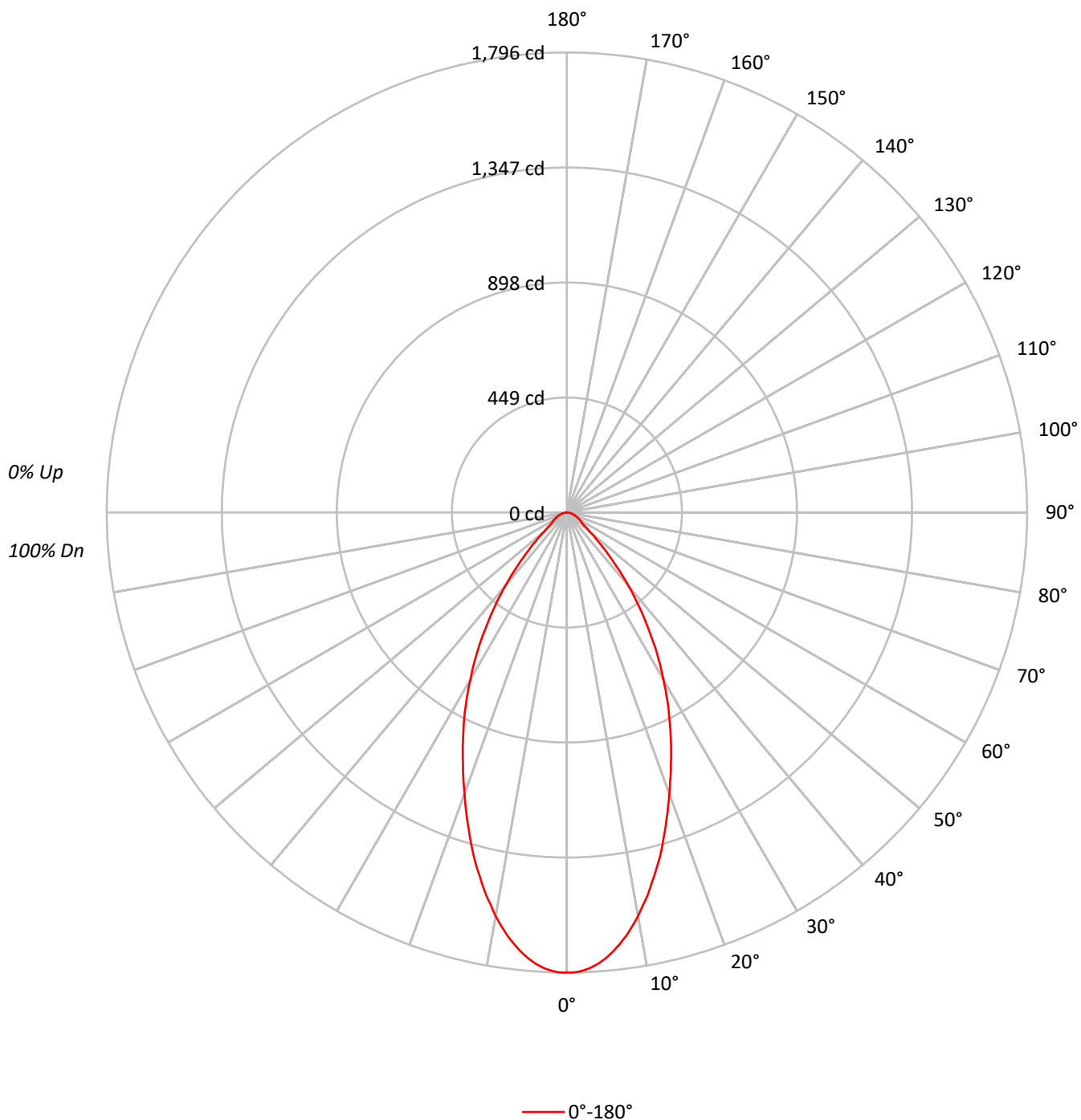
Lumens per Lamp: N/A
Luminaire Lumens: 1657.0 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	109	106	104		110	107	105	102		103	101	99		99	98	96		96	94	93
2	106	100	96	92		104	99	94	91		95	92	89		92	89	87		89	87	85
3	100	92	87	82		98	91	86	82		88	84	80		86	82	79		83	80	78
4	94	85	79	74		92	84	78	74		82	77	73		80	76	72		78	74	71
5	89	79	73	68		87	78	72	68		76	71	67		75	70	66		73	69	66
6	84	74	67	62		82	73	67	62		71	66	62		70	65	61		69	64	61
7	79	69	62	58		78	68	62	58		67	61	57		66	61	57		65	60	57
8	75	65	58	54		74	64	58	53		63	57	53		62	57	53		61	56	53
9	71	61	54	50		70	60	54	50		59	54	50		58	53	50		57	53	49
10	68	57	51	47		67	57	51	47		56	50	47		55	50	46		54	50	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	393806
5°	384415
10°	356217
15°	317255
20°	272650
25°	231739
30°	190789
35°	148650
40°	106943
45°	67852
50°	40152
55°	27602
60°	25349
65°	23556
70°	21157
75°	19232
80°	18184
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 67852 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.0	9.8
10°-20°	388.0	23.4
20°-30°	438.4	26.5
30°-40°	346.7	20.9
40°-50°	175.2	10.6
50°-60°	70.2	4.2
60°-70°	44.9	2.7
70°-80°	24.8	1.5
80°-90°	7.0	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°	988.3	59.6
0°-40°	1335.0	80.6
0°-60°	1580.3	95.4
0°-90°	1657.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1657.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1796	
5°	1746	162
15°	1398	388
25°	958	438
35°	555	347
45°	219	175
55°	72	70
65°	45	45
75°	23	25
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1795.9
1°	1795.9
2°	1789.7
3°	1779.4
4°	1765.0
5°	1746.4
6°	1723.7
7°	1696.8
8°	1667.9
9°	1634.9
10°	1599.8
11°	1560.6
12°	1523.4
13°	1480.1
14°	1438.8
15°	1397.5
17.5°	1281.9
20°	1168.4
22.5°	1061.0
25°	957.8
27.5°	856.7
30°	753.5
32.5°	656.4
35°	555.3
37.5°	462.4
40°	373.6
42.5°	291.1
45°	218.8
47.5°	163.1
50°	117.7
52.5°	88.8
55°	72.2
57.5°	66.1
60°	57.8
62.5°	51.6
65°	45.4
67.5°	39.2
70°	33.0
72.5°	28.9
75°	22.7
77.5°	18.6
80°	14.4
82.5°	10.3
85°	6.2
87.5°	2.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)