

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: P1258417

Luminaire Tested: P3AS24R259040D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258417
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: P3AS24R259040D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

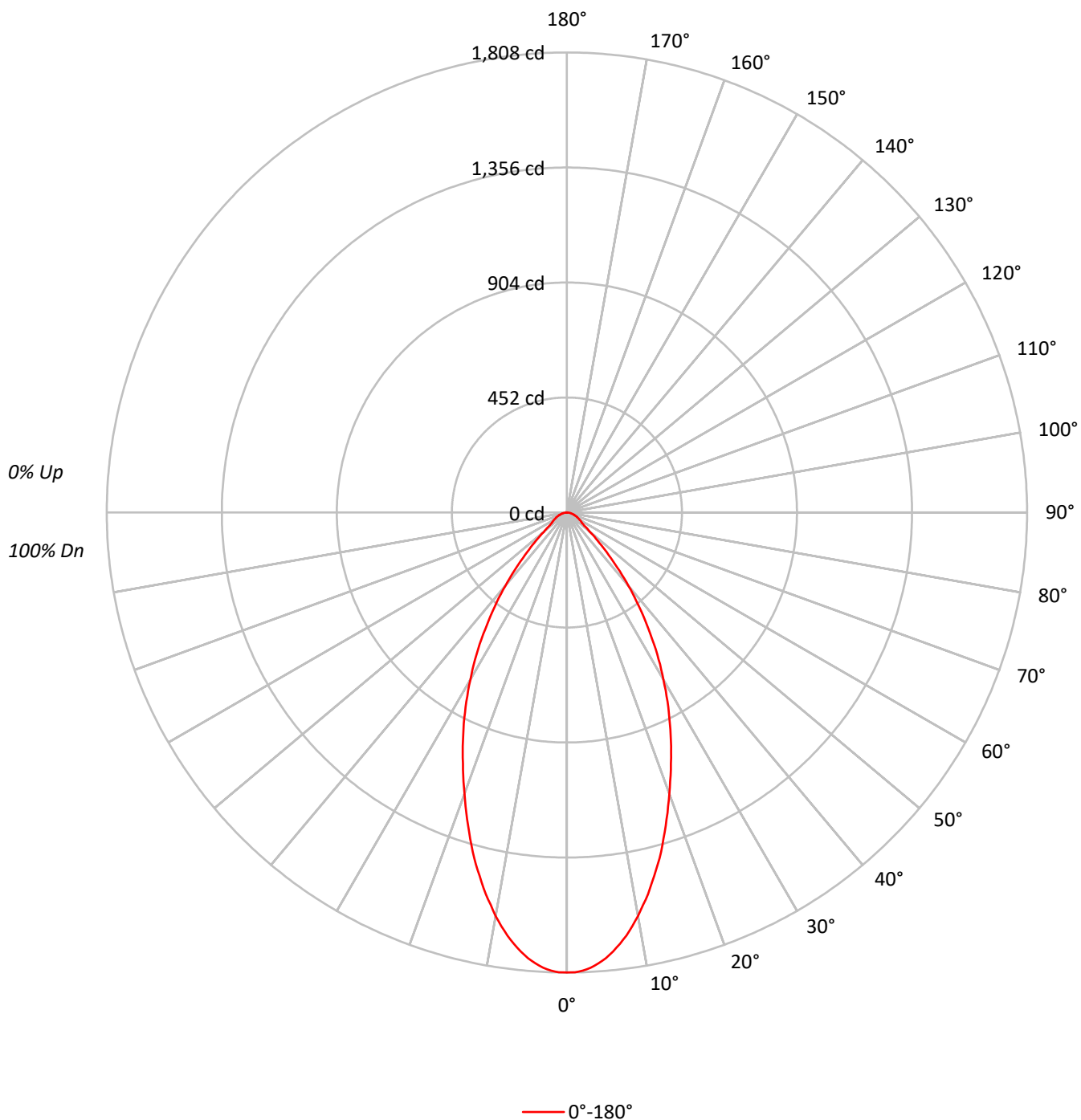
Lumens per Lamp: N/A
Luminaire Lumens: 1668.0 lumens
Efficiency: N/A
Efficacy: 57.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	396416
5°	386968
10°	358577
15°	319366
20°	274447
25°	233288
30°	192055
35°	149640
40°	107659
45°	68317
50°	40391
55°	27794
60°	25524
65°	23712
70°	21286
75°	19402
80°	18310
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 68317 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.0	9.8
10°-20°	390.5	23.4
20°-30°	441.3	26.5
30°-40°	349.0	20.9
40°-50°	176.3	10.6
50°-60°	70.6	4.2
60°-70°	45.2	2.7
70°-80°	24.9	1.5
80°-90°	7.1	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°	994.8	59.6
0°-40°	1343.9	80.6
0°-60°	1590.8	95.4
0°-90°	1668.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1668.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1808	
5°	1758	163
15°	1407	391
25°	964	441
35°	559	349
45°	220	176
55°	73	71
65°	46	45
75°	23	25
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1807.8
1°	1807.8
2°	1801.6
3°	1791.2
4°	1776.7
5°	1758.0
6°	1735.1
7°	1708.1
8°	1679.0
9°	1645.8
10°	1610.4
11°	1571.0
12°	1533.5
13°	1489.9
14°	1448.4
15°	1406.8
17.5°	1290.4
20°	1176.1
22.5°	1068.1
25°	964.2
27.5°	862.4
30°	758.5
32.5°	660.8
35°	559.0
37.5°	465.5
40°	376.1
42.5°	293.0
45°	220.3
47.5°	164.2
50°	118.4
52.5°	89.4
55°	72.7
57.5°	66.5
60°	58.2
62.5°	51.9
65°	45.7
67.5°	39.5
70°	33.2
72.5°	29.1
75°	22.9
77.5°	18.7
80°	14.5
82.5°	10.4
85°	6.2
87.5°	2.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)