

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: P1258390

Luminaire Tested: P3AS24R209040D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258390
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R209040D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

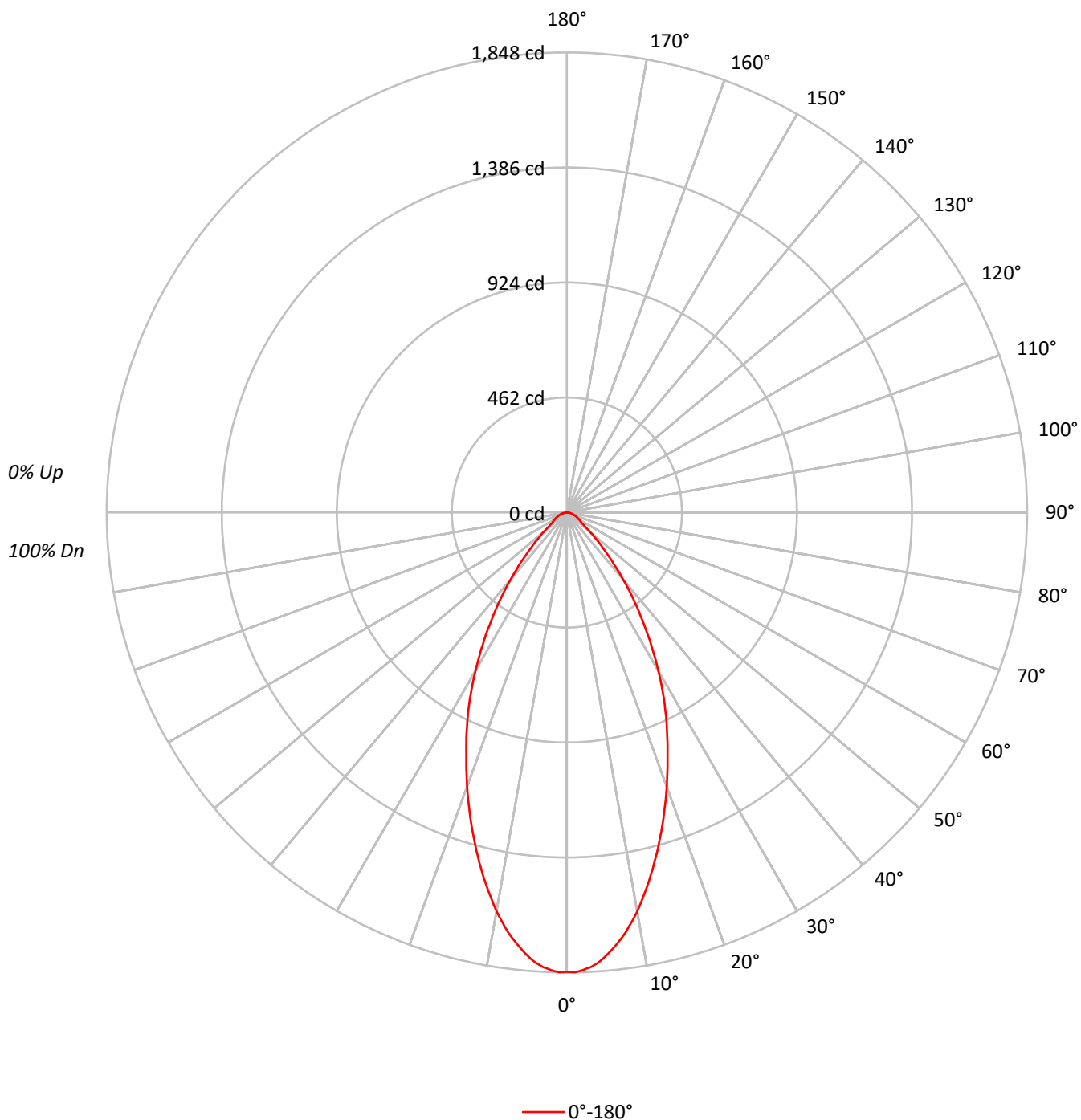
Lumens per Lamp: N/A
Luminaire Lumens: 1636.0 lumens
Efficiency: N/A
Efficacy: 56.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	404661
5°	393858
10°	362318
15°	318912
20°	273514
25°	229779
30°	185750
35°	141315
40°	100531
45°	66394
50°	41107
55°	27029
60°	24603
65°	22622
70°	21350
75°	19402
80°	18310
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 66394 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.5	10.1
10°-20°	391.1	23.9
20°-30°	434.1	26.5
30°-40°	331.2	20.2
40°-50°	169.6	10.4
50°-60°	69.7	4.3
60°-70°	43.4	2.7
70°-80°	24.4	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°	990.7	60.6
0°-40°	1321.9	80.8
0°-60°	1561.1	95.4
0°-90°	1636.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1636.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1845	
5°	1789	166
15°	1405	391
25°	950	434
35°	528	331
45°	214	170
55°	71	70
65°	44	43
75°	23	24
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1845.4
1°	1847.5
2°	1839.2
3°	1828.8
4°	1812.2
5°	1789.3
6°	1762.3
7°	1733.2
8°	1702.0
9°	1664.6
10°	1627.2
12.5°	1519.1
15°	1404.8
17.5°	1288.5
20°	1172.1
22.5°	1055.7
25°	949.7
27.5°	843.7
30°	733.6
32.5°	629.7
35°	527.9
37.5°	438.5
40°	351.2
42.5°	276.4
45°	214.1
47.5°	162.1
50°	120.5
52.5°	89.4
55°	70.7
57.5°	64.4
60°	56.1
62.5°	49.9
65°	43.6
67.5°	37.4
70°	33.3
72.5°	27.0
75°	22.9
77.5°	18.7
80°	14.5
82.5°	10.4
85°	6.2
87.5°	2.1
90°	0.0

(END OF REPORT)