

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: P1253207

Luminaire Tested: P3AS24R609030D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253207
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R609030D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

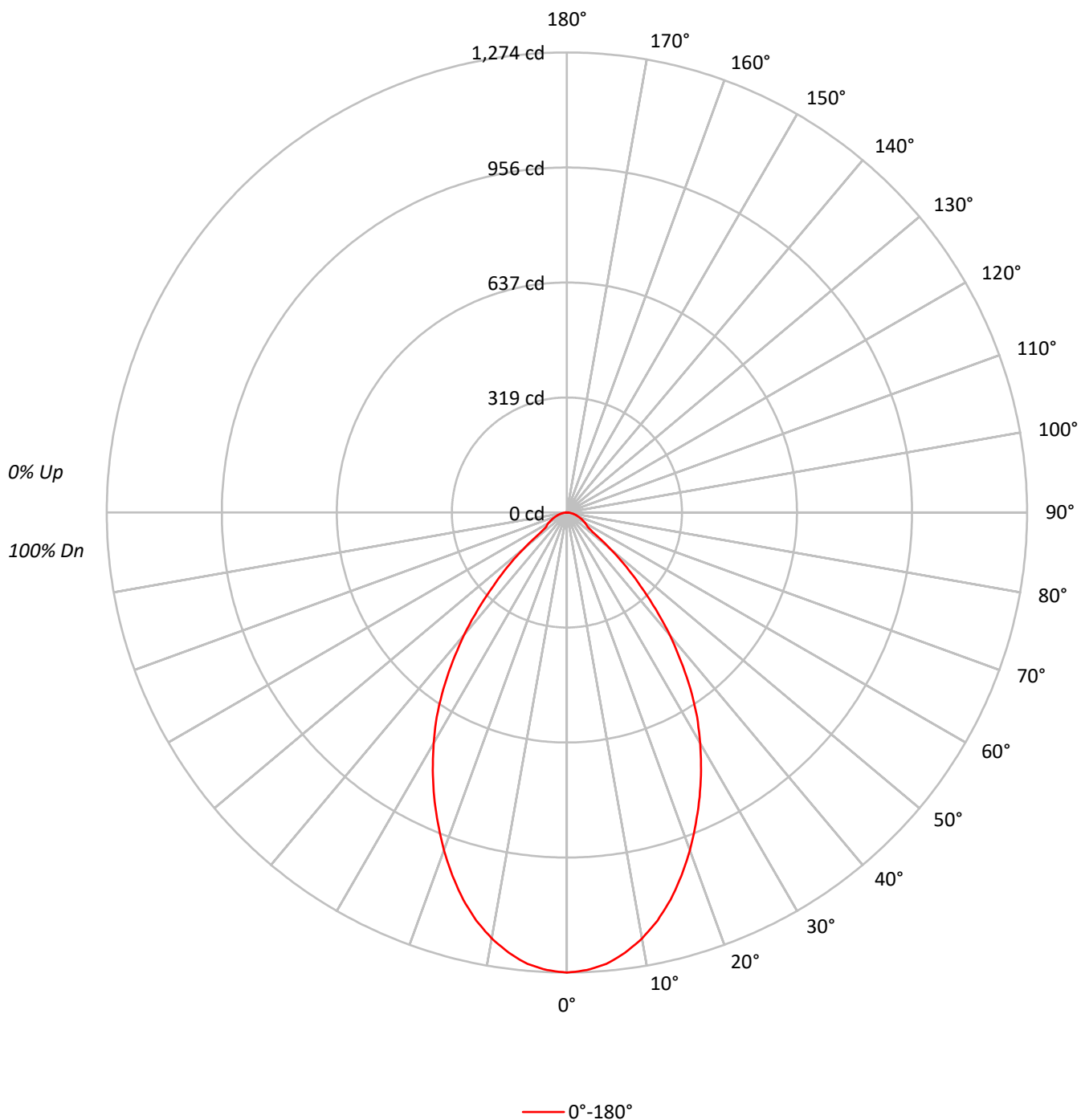
Lumens per Lamp: N/A
Luminaire Lumens: 1574.0 lumens
Efficiency: N/A
Efficacy: 54.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	279407
5°	276270
10°	266706
15°	251965
20°	232257
25°	210302
30°	186712
35°	159545
40°	126866
45°	89467
50°	53423
55°	27029
60°	25963
65°	23764
70°	22055
75°	21011
80°	19321
85°	14341

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 89467 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.9	7.5
10°-20°	310.2	19.7
20°-30°	398.3	25.3
30°-40°	369.3	23.5
40°-50°	224.8	14.3
50°-60°	74.9	4.8
60°-70°	45.6	2.9
70°-80°	25.7	1.6
80°-90°	7.3	0.5
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°	826.4	52.5
0°-40°	1195.7	76.0
0°-60°	1495.4	95.0
0°-90°	1574.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1574.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1274	
5°	1255	118
15°	1110	310
25°	869	398
35°	596	369
45°	288	225
55°	71	75
65°	46	46
75°	25	26
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1274.2
2.5°	1268.5
5°	1255.1
7.5°	1230.3
10°	1197.8
12.5°	1157.7
15°	1109.9
17.5°	1054.5
20°	995.3
22.5°	932.3
25°	869.2
27.5°	804.3
30°	737.4
32.5°	670.5
35°	596.0
37.5°	517.7
40°	443.2
42.5°	364.9
45°	288.5
47.5°	223.5
50°	156.6
52.5°	93.6
55°	70.7
57.5°	65.0
60°	59.2
62.5°	51.6
65°	45.8
67.5°	40.1
70°	34.4
72.5°	28.7
75°	24.8
77.5°	19.1
80°	15.3
82.5°	9.6
85°	5.7
87.5°	3.8
90°	0.0

(END OF REPORT)