

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: P1253120

Luminaire Tested: P3AS24R459030D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253120
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R459030D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

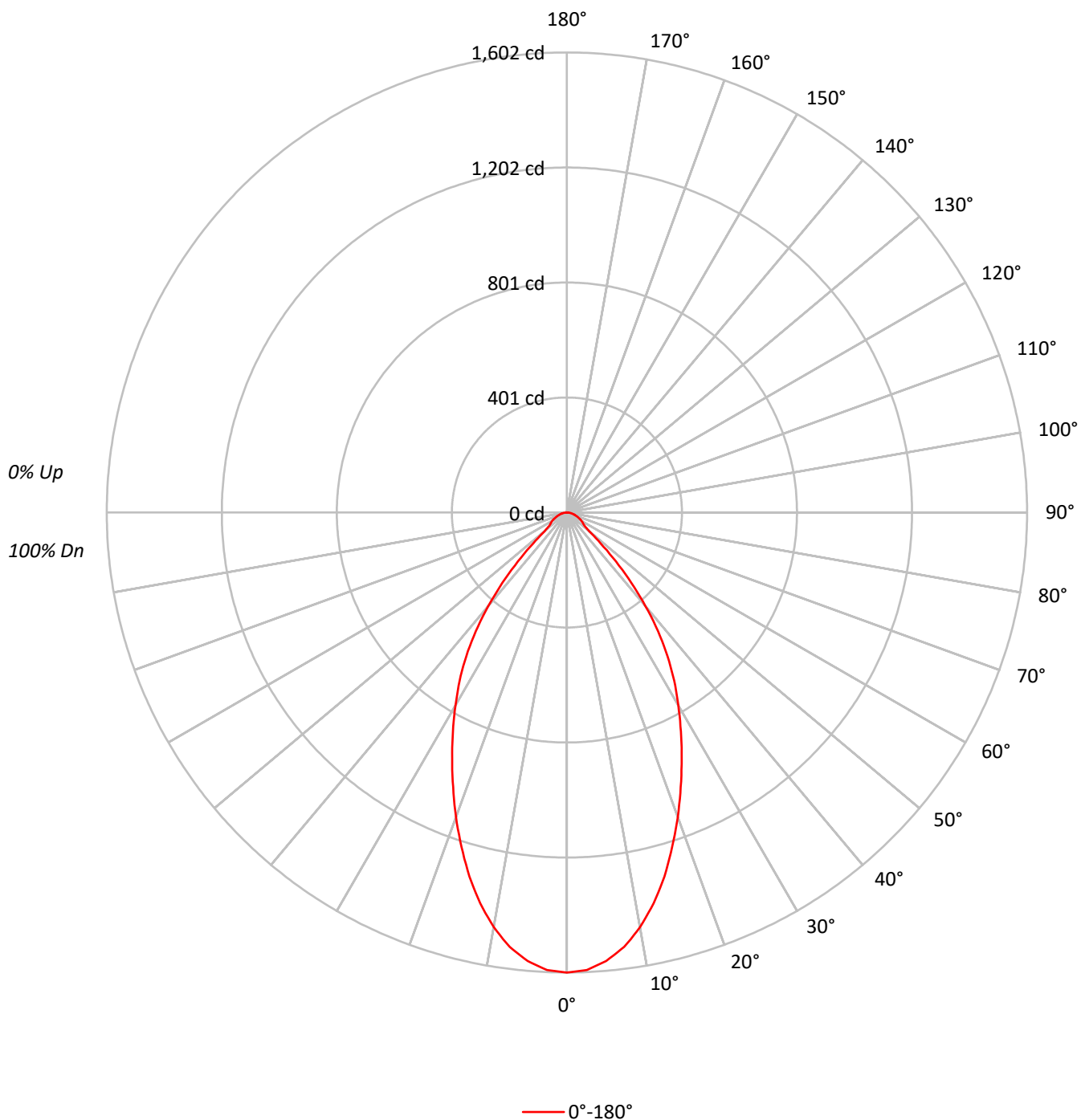
Lumens per Lamp: N/A
Luminaire Lumens: 1657.0 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	351332
5°	345101
10°	326558
15°	297822
20°	263363
25°	228715
30°	196309
35°	163587
40°	121886
45°	74612
50°	34523
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: 74612 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.5	8.8
10°-20°	365.3	22.0
20°-30°	434.0	26.2
30°-40°	377.1	22.8
40°-50°	189.1	11.4
50°-60°	65.7	4.0
60°-70°	46.0	2.8
70°-80°	25.7	1.5
80°-90°	7.8	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°	945.7	57.1
0°-40°	1322.7	79.8
0°-60°	1577.5	95.2
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°	1602	
5°	1568	146
15°	1312	365
25°	945	434
35°	611	377
45°	241	189
55°	71	66
65°	46	46
75°	25	26
85°	6	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1602.2
2.5°	1594.5
5°	1567.8
7.5°	1525.8
10°	1466.6
12.5°	1394.0
15°	1311.9
17.5°	1220.2
20°	1128.6
22.5°	1035.0
25°	945.3
27.5°	859.3
30°	775.3
32.5°	695.1
35°	611.1
37.5°	521.3
40°	425.8
42.5°	332.3
45°	240.6
47.5°	158.5
50°	101.2
52.5°	78.3
55°	70.7
57.5°	64.9
60°	59.2
62.5°	53.5
65°	45.8
67.5°	40.1
70°	34.4
72.5°	28.6
75°	24.8
77.5°	19.1
80°	15.3
82.5°	11.5
85°	5.7
87.5°	3.8
90°	0.0

(END OF REPORT)