

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: P1253035

Luminaire Tested: P3AS24R309030D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253035
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309030D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

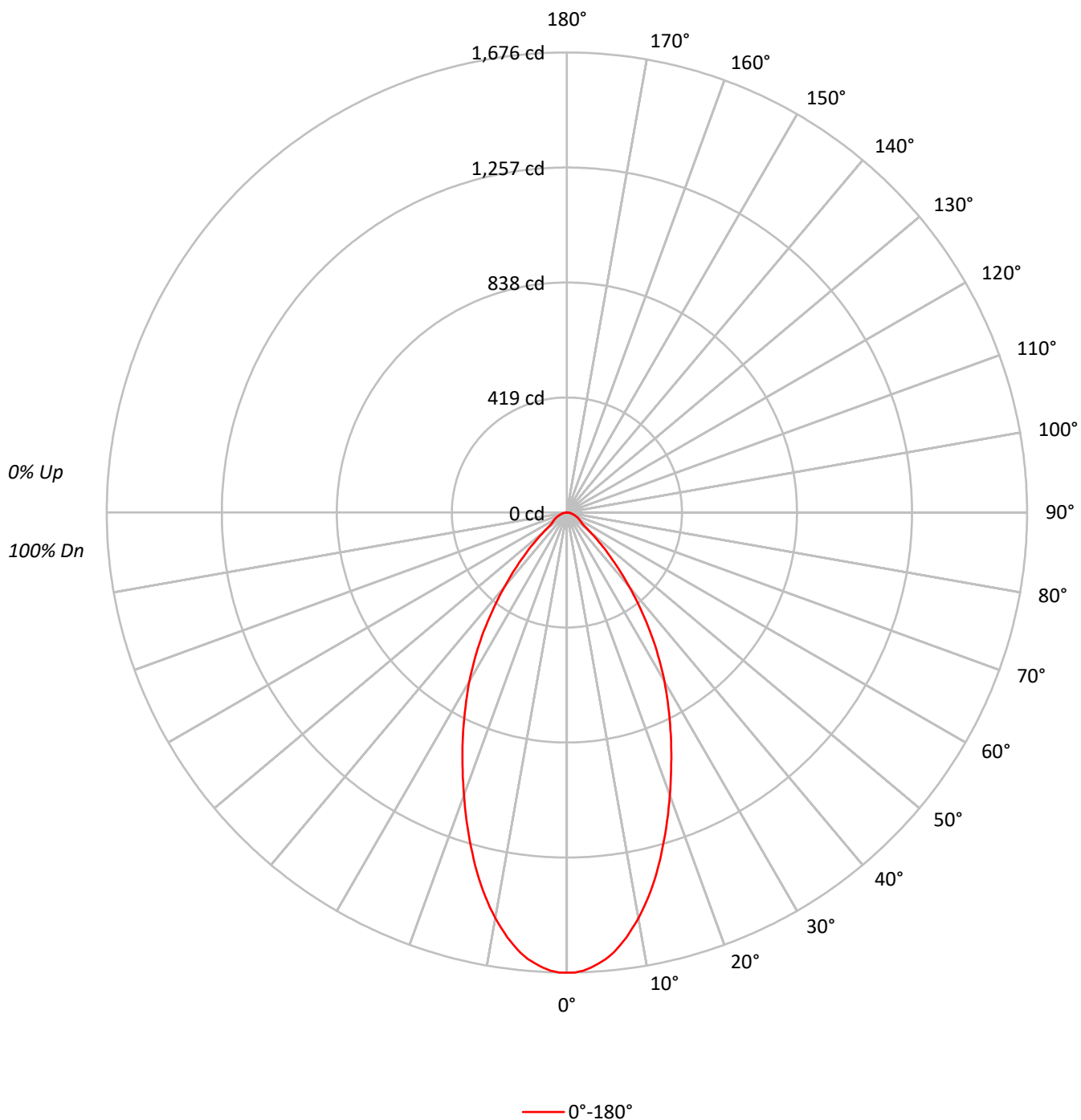
Lumens per Lamp: N/A
Luminaire Lumens: 1556.0 lumens
Efficiency: N/A
Efficacy: 54.0 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		84
4	94	85	79	74	92	84	79	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°	367602
5°	359343
10°	334173
15°	297346
20°	255756
25°	216666
30°	179850
35°	141074
40°	101104
45°	66301
50°	37764
55°	24812
60°	23463
65°	21792
70°	19555
75°	17792
80°	16921
85°	14341

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 66301 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.6	9.7
10°-20°	364.1	23.4
20°-30°	410.4	26.4
30°-40°	327.7	21.1
40°-50°	168.4	10.8
50°-60°	63.4	4.1
60°-70°	41.5	2.7
70°-80°	22.4	1.4
80°-90°	6.5	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°	926.1	59.5
0°-40°	1253.7	80.6
0°-60°	1485.5	95.5
0°-90°	1556.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1556.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1676	
5°	1632	152
15°	1310	364
25°	896	410
35°	527	328
45°	214	168
55°	65	63
65°	42	42
75°	21	22
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1676.4
1°	1676.4
2°	1670.7
3°	1661.1
4°	1647.8
5°	1632.5
6°	1613.4
7°	1588.6
8°	1561.9
9°	1531.3
10°	1500.8
11°	1466.4
12°	1430.1
13°	1391.9
14°	1351.8
15°	1309.8
17.5°	1202.9
20°	1096.0
22.5°	992.9
25°	895.5
27.5°	800.0
30°	710.3
32.5°	618.6
35°	527.0
37.5°	437.2
40°	353.2
42.5°	278.8
45°	213.8
47.5°	158.5
50°	110.7
52.5°	78.3
55°	64.9
57.5°	59.2
60°	53.5
62.5°	47.7
65°	42.0
67.5°	36.3
70°	30.5
72.5°	24.8
75°	21.0
77.5°	17.2
80°	13.4
82.5°	9.5
85°	5.7
87.5°	1.9



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)