

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: P1261106

Luminaire Tested: P3AS24R409050D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261106
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R409050D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

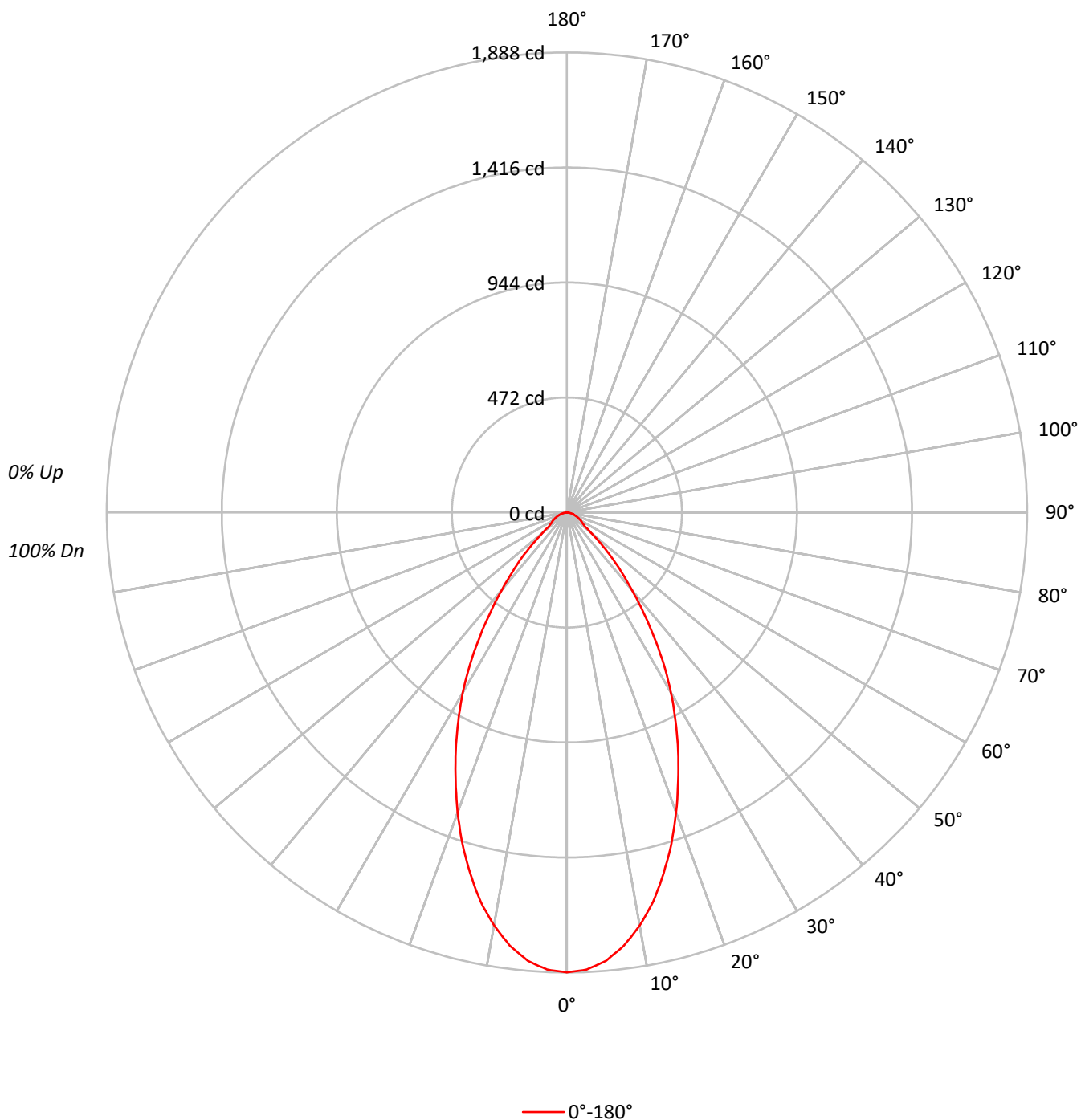
Lumens per Lamp: N/A
Luminaire Lumens: 1843.9 lumens
Efficiency: N/A
Efficacy: 64.0 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	58	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	413936
5°	406448
10°	383115
15°	347993
20°	305717
25°	261063
30°	216261
35°	166772
40°	118708
45°	79977
50°	43632
55°	30775
60°	28945
65°	26773
70°	23786
75°	22706
80°	18184
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 79977 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.2	9.3
10°-20°	427.0	23.2
20°-30°	493.6	26.8
30°-40°	389.0	21.1
40°-50°	199.7	10.8
50°-60°	76.3	4.1
60°-70°	50.5	2.7
70°-80°	27.4	1.5
80°-90°	8.1	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°	1092.8	59.3
0°-40°	1481.8	80.4
0°-60°	1757.9	95.3
0°-90°	1843.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1843.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1888	
5°	1846	172
15°	1533	427
25°	1079	494
35°	623	389
45°	258	200
55°	80	76
65°	52	51
75°	27	27
85°	6	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1887.7
2.5°	1877.4
5°	1846.5
7.5°	1792.8
10°	1720.6
12.5°	1636.0
15°	1532.9
17.5°	1425.6
20°	1310.1
22.5°	1192.5
25°	1079.0
27.5°	965.5
30°	854.1
32.5°	740.6
35°	623.0
37.5°	513.7
40°	414.7
42.5°	330.1
45°	257.9
47.5°	187.7
50°	127.9
52.5°	92.8
55°	80.5
57.5°	72.2
60°	66.0
62.5°	57.8
65°	51.6
67.5°	43.3
70°	37.1
72.5°	30.9
75°	26.8
77.5°	20.6
80°	14.4
82.5°	12.4
85°	6.2
87.5°	4.1
90°	0.0

(END OF REPORT)