

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: P1250388

Luminaire Tested: P3AS24R409027D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250388
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: P3AS24R409027D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

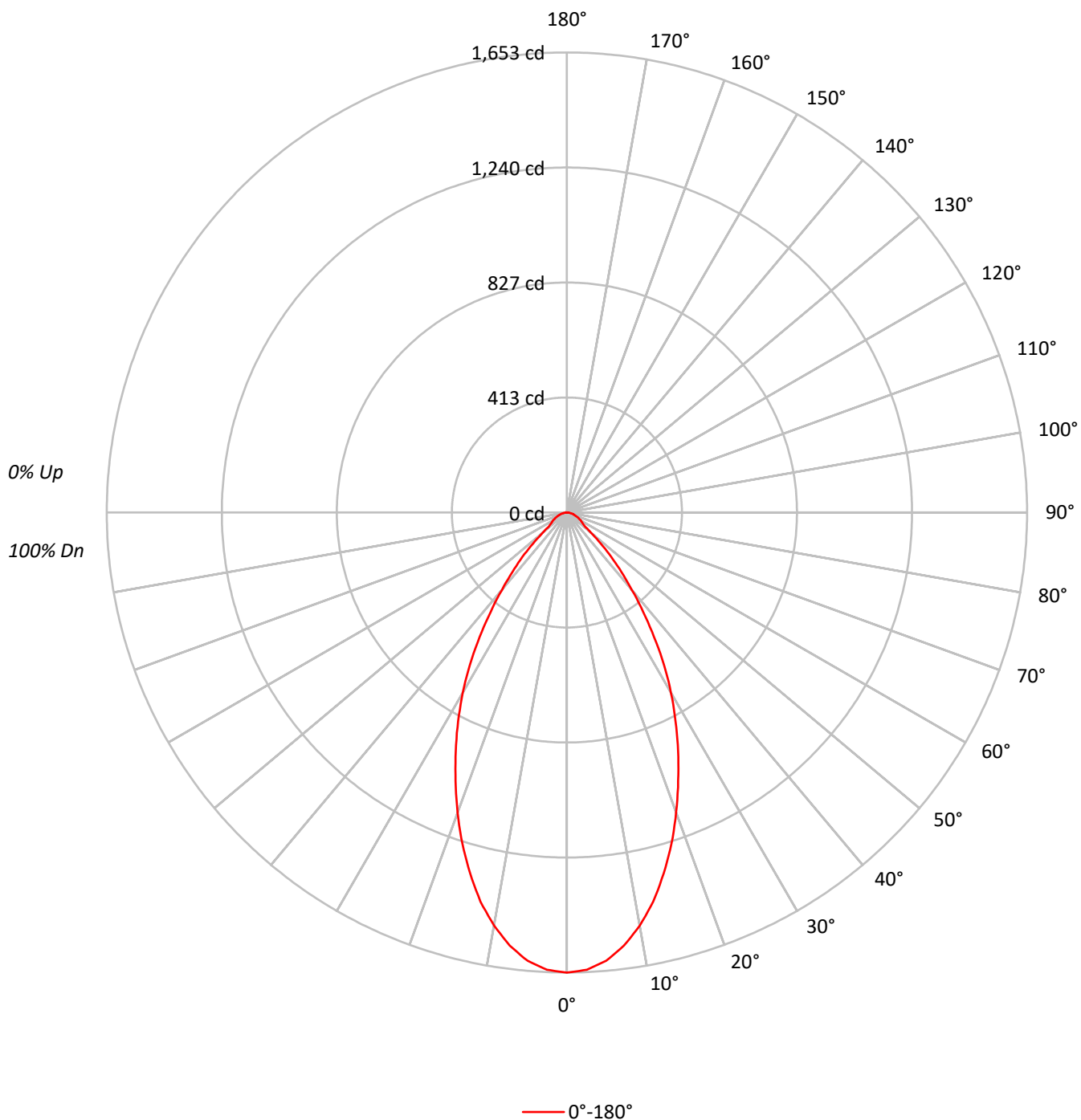
Lumens per Lamp: N/A
Luminaire Lumens: 1615.0 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	362537
5°	355953
10°	335532
15°	304769
20°	267750
25°	228642
30°	189396
35°	146080
40°	103966
45°	70054
50°	38208
55°	26952
60°	25349
65°	23453
70°	20837
75°	19910
80°	15911
85°	13586

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 70054 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.8	9.3
10°-20°	374.0	23.2
20°-30°	432.3	26.8
30°-40°	340.7	21.1
40°-50°	174.9	10.8
50°-60°	66.9	4.1
60°-70°	44.2	2.7
70°-80°	24.1	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°	957.1	59.3
0°-40°	1297.8	80.4
0°-60°	1539.6	95.3
0°-90°	1615.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1615.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1653	
5°	1617	151
15°	1342	374
25°	945	432
35°	546	341
45°	226	175
55°	70	67
65°	45	44
75°	24	24
85°	5	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1653.3
2.5°	1644.3
5°	1617.1
7.5°	1570.2
10°	1506.9
12.5°	1432.8
15°	1342.5
17.5°	1248.5
20°	1147.4
22.5°	1044.4
25°	945.0
27.5°	845.6
30°	748.0
32.5°	648.7
35°	545.7
37.5°	449.9
40°	363.2
42.5°	289.1
45°	225.9
47.5°	164.4
50°	112.0
52.5°	81.3
55°	70.5
57.5°	63.2
60°	57.8
62.5°	50.6
65°	45.2
67.5°	37.9
70°	32.5
72.5°	27.1
75°	23.5
77.5°	18.1
80°	12.6
82.5°	10.8
85°	5.4
87.5°	3.6
90°	0.0

(END OF REPORT)