

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: P1255652

Luminaire Tested: P3A24R159035D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255652
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R159035D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

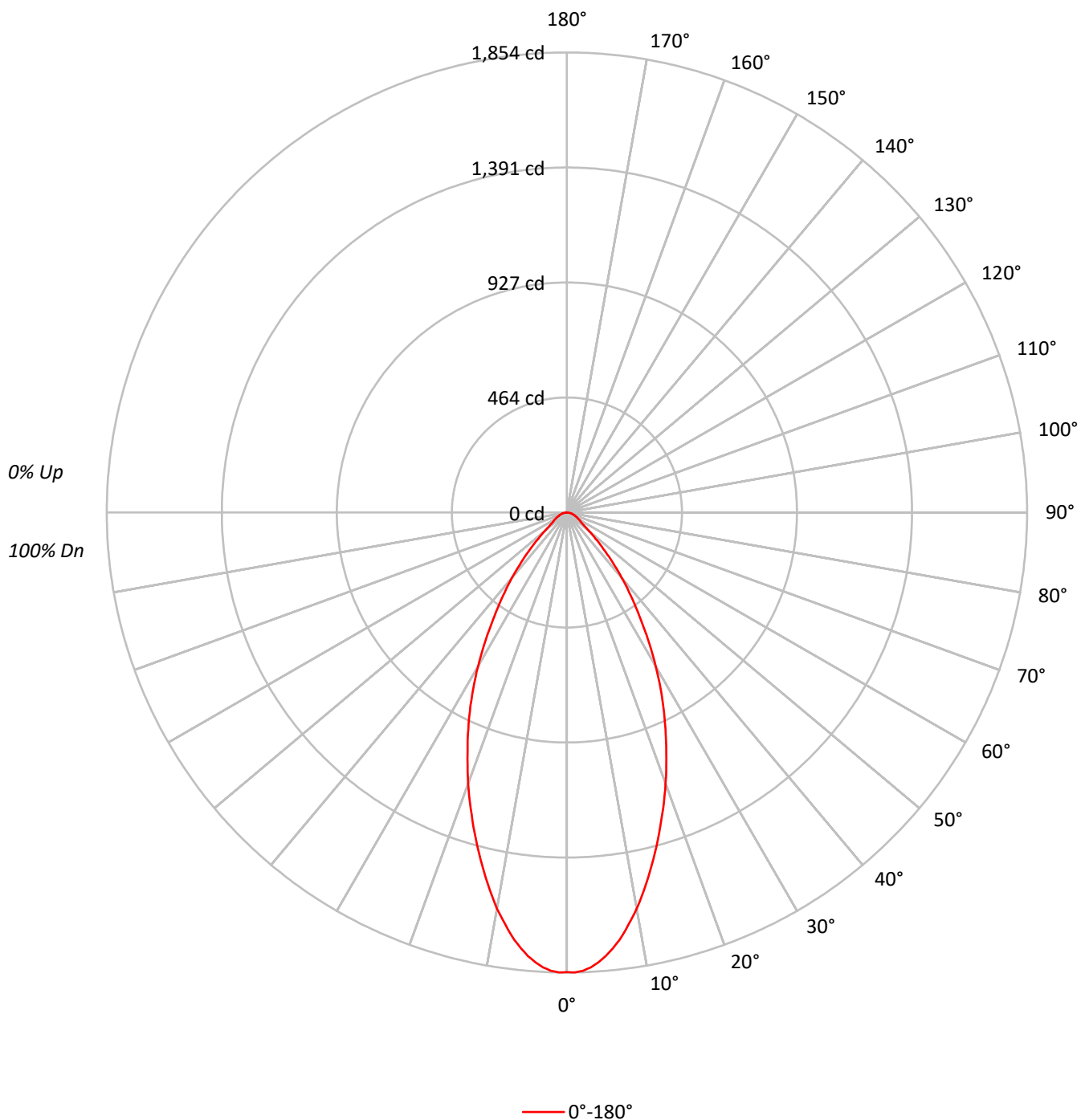
Lumens per Lamp: N/A
Luminaire Lumens: 1610.0 lumens
Efficiency: N/A
Efficacy: 55.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	406108
5°	395090
10°	361049
15°	316256
20°	271297
25°	226513
30°	181268
35°	135961
40°	98671
45°	64503
50°	40357
55°	27297
60°	24165
65°	22207
70°	20901
75°	18978
80°	18058
85°	15347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 64503 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.6	10.3
10°-20°	388.2	24.1
20°-30°	427.7	26.6
30°-40°	320.3	19.9
40°-50°	166.0	10.3
50°-60°	68.8	4.3
60°-70°	42.6	2.6
70°-80°	23.9	1.5
80°-90°	6.9	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°	981.4	61.0
0°-40°	1301.7	80.9
0°-60°	1536.5	95.4
0°-90°	1610.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1610.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1852	
5°	1795	166
15°	1393	388
25°	936	428
35°	508	320
45°	208	166
55°	71	69
65°	43	43
75°	22	24
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1852.0
1°	1854.0
2°	1847.9
3°	1835.7
4°	1817.3
5°	1794.9
6°	1766.3
7°	1735.7
8°	1699.0
9°	1660.2
10°	1621.5
12.5°	1509.3
15°	1393.1
17.5°	1276.8
20°	1162.6
22.5°	1046.3
25°	936.2
27.5°	826.0
30°	715.9
32.5°	607.8
35°	507.9
37.5°	422.2
40°	344.7
42.5°	273.3
45°	208.0
47.5°	157.1
50°	118.3
52.5°	87.7
55°	71.4
57.5°	63.2
60°	55.1
62.5°	49.0
65°	42.8
67.5°	36.7
70°	32.6
72.5°	26.5
75°	22.4
77.5°	18.4
80°	14.3
82.5°	10.2
85°	6.1
87.5°	2.0
90°	0.0

(END OF REPORT)