

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: P1255887

Luminaire Tested: P3A24R559035D010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255887
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R559035D010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

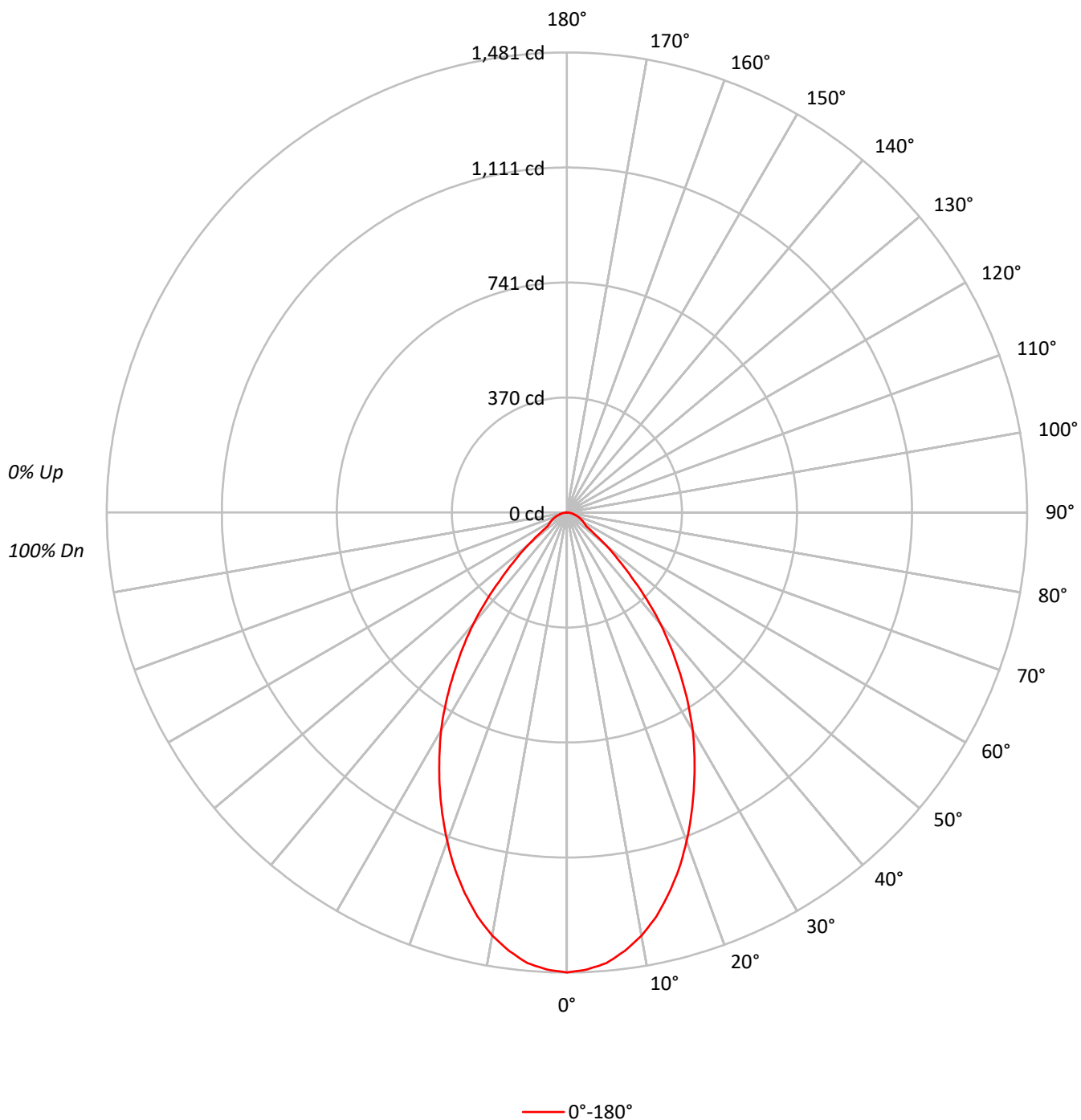
Lumens per Lamp: N/A
Luminaire Lumens: 1727.0 lumens
Efficiency: N/A
Efficacy: 60.0 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1255887

CATALOG NUMBER: P3A24R559035D010 E3DLD1WMH

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	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	324711
5°	320580
10°	307921
15°	288015
20°	262733
25°	234425
30°	205044
35°	170359
40°	134280
45°	91079
50°	55674
55°	28864
60°	26840
65°	25424
70°	23530
75°	20757
80°	20583
85°	15347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 91079 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.6	7.9
10°-20°	354.6	20.5
20°-30°	444.0	25.7
30°-40°	396.4	23.0
40°-50°	232.1	13.4
50°-60°	80.2	4.6
60°-70°	48.4	2.8
70°-80°	26.9	1.6
80°-90°	7.8	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°	935.2	54.2
0°-40°	1331.6	77.1
0°-60°	1643.9	95.2
0°-90°	1727.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1727.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1481	
5°	1456	137
15°	1269	355
25°	969	444
35°	636	396
45°	294	232
55°	76	80
65°	49	48
75°	24	27
85°	6	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1480.8
2.5°	1472.7
5°	1456.4
7.5°	1423.7
10°	1382.9
12.5°	1331.9
15°	1268.7
17.5°	1201.4
20°	1125.9
22.5°	1048.4
25°	968.9
27.5°	889.3
30°	809.8
32.5°	724.1
35°	636.4
37.5°	550.7
40°	469.1
42.5°	381.4
45°	293.7
47.5°	224.4
50°	163.2
52.5°	106.1
55°	75.5
57.5°	67.3
60°	61.2
62.5°	55.1
65°	49.0
67.5°	42.8
70°	36.7
72.5°	30.6
75°	24.5
77.5°	20.4
80°	16.3
82.5°	10.2
85°	6.1
87.5°	4.1
90°	0.0

(END OF REPORT)