

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: P1264803

Luminaire Tested: P3A09R559730DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264803
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: P3A09R559730DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 97CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

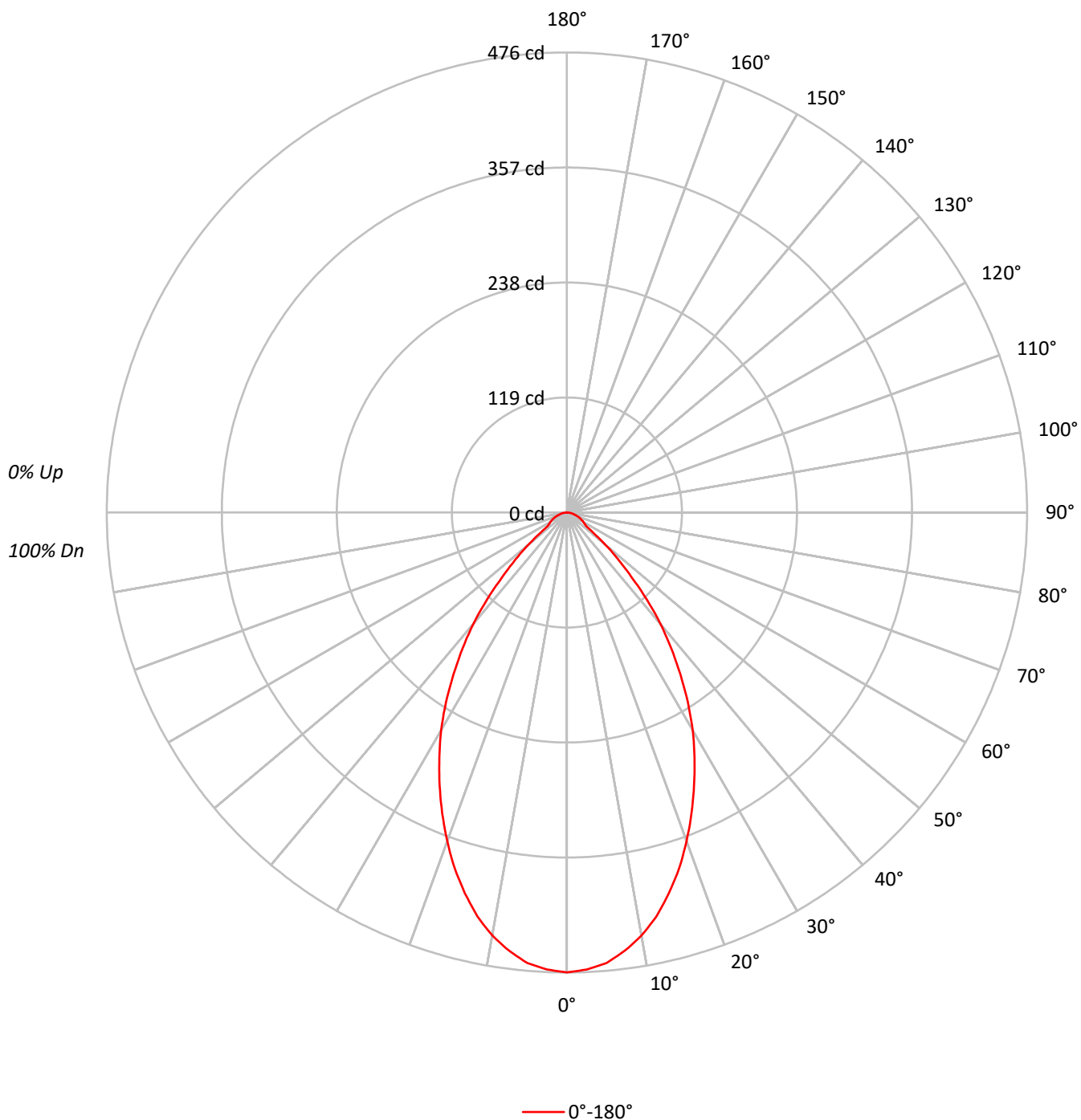
Lumens per Lamp: N/A
Luminaire Lumens: 555.0 lumens
Efficiency: N/A
Efficacy: 50.0 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	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	54	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°	104356
5°	103015
10°	98952
15°	92554
20°	84427
25°	75343
30°	65884
35°	54743
40°	43167
45°	29274
50°	17876
55°	9290
60°	8640
65°	8146
70°	7565
75°	6693
80°	6566
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29274 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.9	7.9
10°-20°	114.0	20.5
20°-30°	142.7	25.7
30°-40°	127.4	23.0
40°-50°	74.6	13.4
50°-60°	25.8	4.6
60°-70°	15.6	2.8
70°-80°	8.6	1.6
80°-90°	2.5	0.5
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°	300.5	54.2
0°-40°	427.9	77.1
0°-60°	528.3	95.2
0°-90°	555.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	555.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	476	
5°	468	44
15°	408	114
25°	311	143
35°	204	127
45°	94	75
55°	24	26
65°	16	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	475.9
2.5°	473.3
5°	468.0
7.5°	457.5
10°	444.4
12.5°	428.0
15°	407.7
17.5°	386.1
20°	361.8
22.5°	336.9
25°	311.4
27.5°	285.8
30°	260.2
32.5°	232.7
35°	204.5
37.5°	177.0
40°	150.8
42.5°	122.6
45°	94.4
47.5°	72.1
50°	52.4
52.5°	34.1
55°	24.3
57.5°	21.6
60°	19.7
62.5°	17.7
65°	15.7
67.5°	13.8
70°	11.8
72.5°	9.8
75°	7.9
77.5°	6.6
80°	5.2
82.5°	3.3
85°	2.0
87.5°	1.3
90°	0.0

(END OF REPORT)