

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: P1260125

Luminaire Tested: P3AS13R559050DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260125
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: P3AS13R559050DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

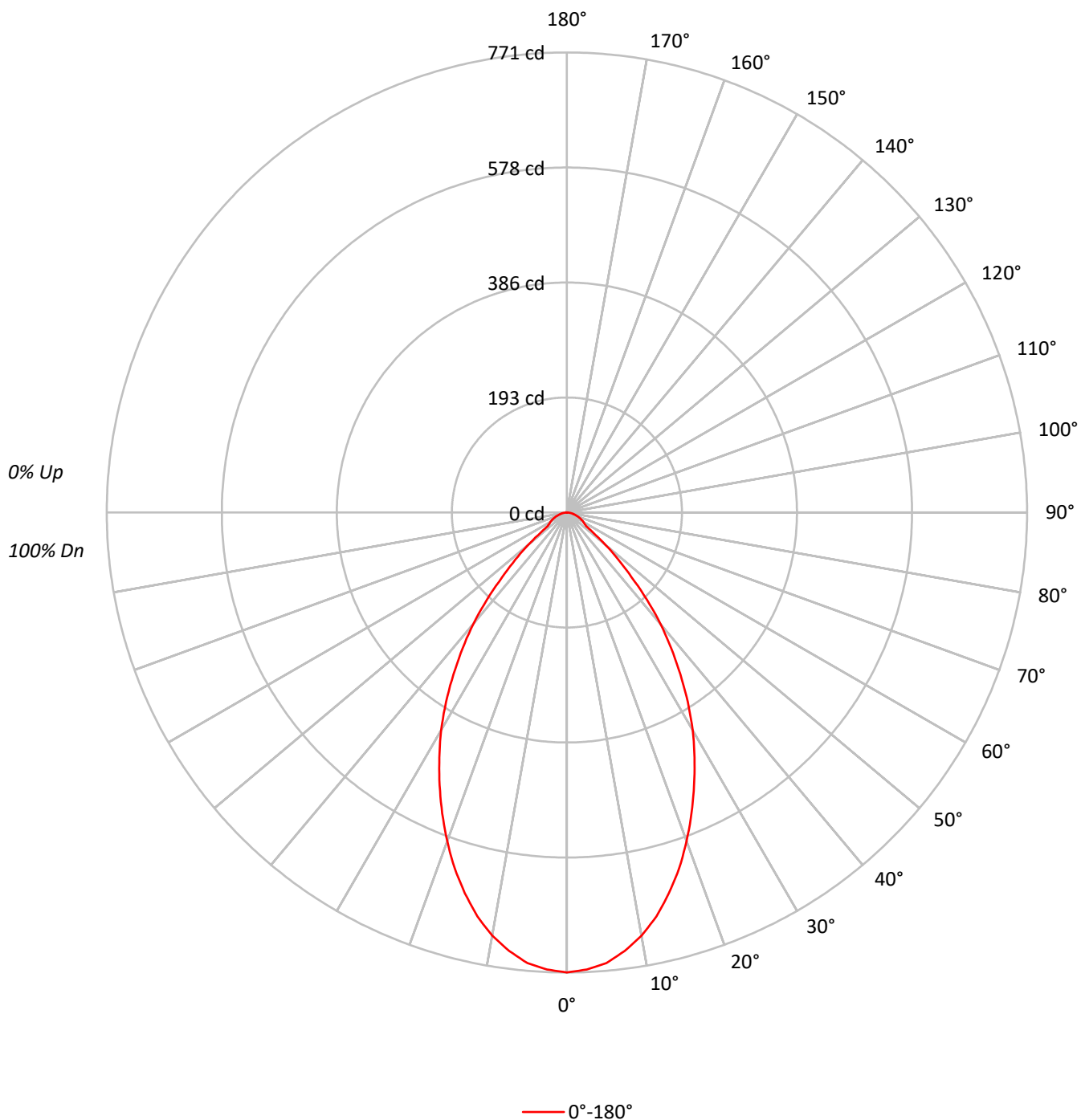
Lumens per Lamp: N/A
Luminaire Lumens: 899.0 lumens
Efficiency: N/A
Efficacy: 61.6 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	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°	169043
5°	166872
10°	160295
15°	149921
20°	136769
25°	122039
30°	106725
35°	88686
40°	69902
45°	47416
50°	28963
55°	15025
60°	13990
65°	13231
70°	12246
75°	10760
80°	10734
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47416 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.1	7.9
10°-20°	184.6	20.5
20°-30°	231.2	25.7
30°-40°	206.3	23.0
40°-50°	120.8	13.4
50°-60°	41.7	4.6
60°-70°	25.2	2.8
70°-80°	14.0	1.6
80°-90°	4.0	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°	486.8	54.2
0°-40°	693.2	77.1
0°-60°	855.7	95.2
0°-90°	899.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	899.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	771	
5°	758	71
15°	660	185
25°	504	231
35°	331	206
45°	153	121
55°	39	42
65°	26	25
75°	13	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	770.9
2.5°	766.6
5°	758.1
7.5°	741.1
10°	719.9
12.5°	693.4
15°	660.4
17.5°	625.4
20°	586.1
22.5°	545.8
25°	504.4
27.5°	462.9
30°	421.5
32.5°	376.9
35°	331.3
37.5°	286.7
40°	244.2
42.5°	198.6
45°	152.9
47.5°	116.8
50°	84.9
52.5°	55.2
55°	39.3
57.5°	35.0
60°	31.9
62.5°	28.7
65°	25.5
67.5°	22.3
70°	19.1
72.5°	15.9
75°	12.7
77.5°	10.6
80°	8.5
82.5°	5.3
85°	3.2
87.5°	2.1
90°	0.0

(END OF REPORT)