

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: P1261635

Luminaire Tested: P3AS02R559727DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261635
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: P3AS02R559727DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

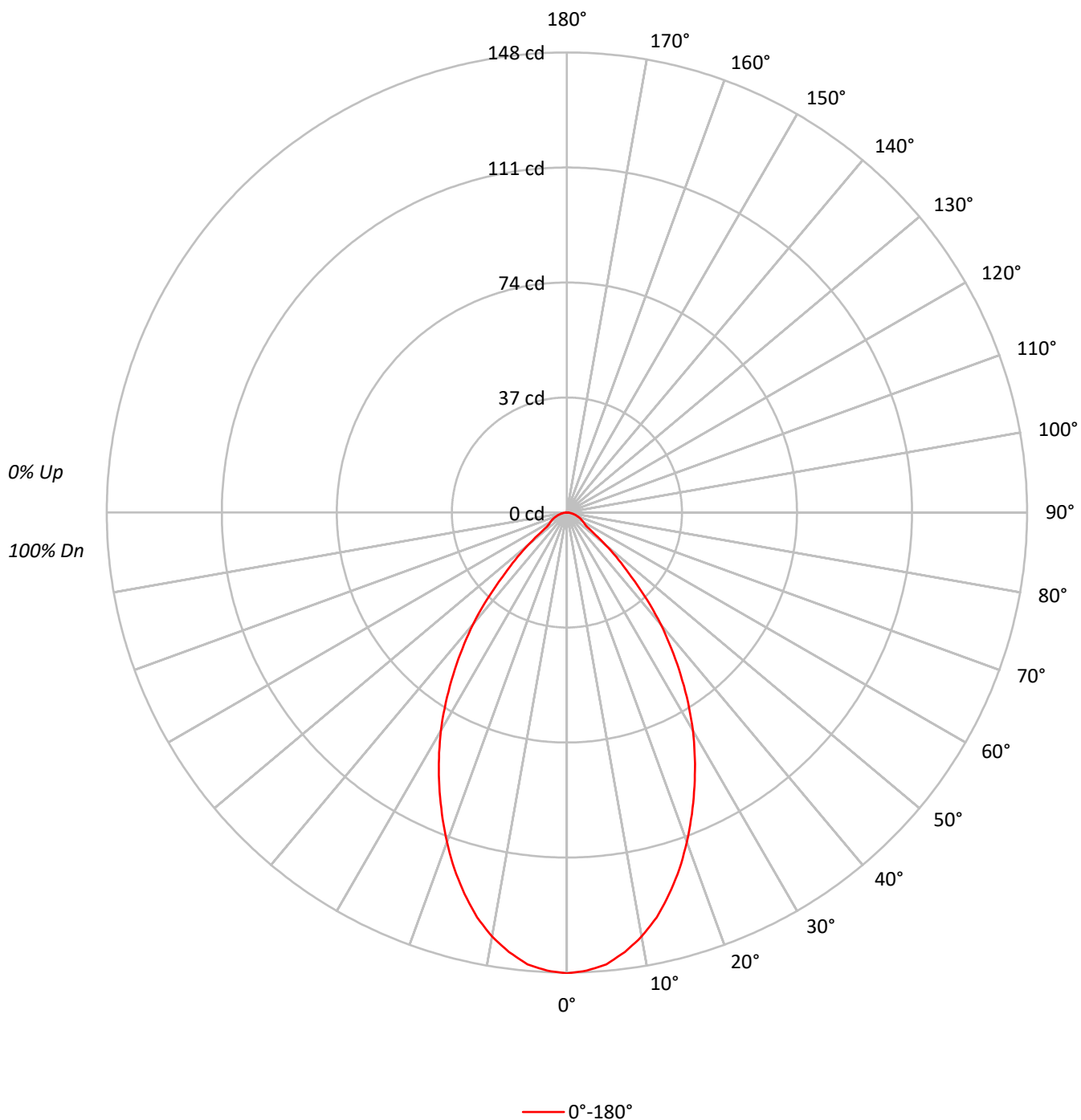
Lumens per Lamp: N/A
Luminaire Lumens: 173.0 lumens
Efficiency: N/A
Efficacy: 48.0 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	96		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°	32519
5°	32115
10°	30839
15°	28854
20°	26322
25°	23493
30°	20535
35°	17079
40°	13454
45°	9117
50°	5561
55°	2906
60°	2675
65°	2542
70°	2372
75°	2118
80°	2020
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9117 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.7	7.9
10°-20°	35.5	20.5
20°-30°	44.5	25.7
30°-40°	39.7	23.0
40°-50°	23.2	13.4
50°-60°	8.0	4.6
60°-70°	4.8	2.8
70°-80°	2.7	1.6
80°-90°	0.8	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°	93.7	54.2
0°-40°	133.4	77.1
0°-60°	164.7	95.2
0°-90°	173.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	173.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	148	
5°	146	14
15°	127	36
25°	97	44
35°	64	40
45°	29	23
55°	8	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	148.3
2.5°	147.5
5°	145.9
7.5°	142.6
10°	138.5
12.5°	133.4
15°	127.1
17.5°	120.3
20°	112.8
22.5°	105.0
25°	97.1
27.5°	89.1
30°	81.1
32.5°	72.5
35°	63.8
37.5°	55.2
40°	47.0
42.5°	38.2
45°	29.4
47.5°	22.5
50°	16.3
52.5°	10.6
55°	7.6
57.5°	6.7
60°	6.1
62.5°	5.5
65°	4.9
67.5°	4.3
70°	3.7
72.5°	3.1
75°	2.5
77.5°	2.0
80°	1.6
82.5°	1.0
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)