

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: P1259827

Luminaire Tested: P3AS10R129050DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259827
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS10R129050DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R12 optic, 5000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

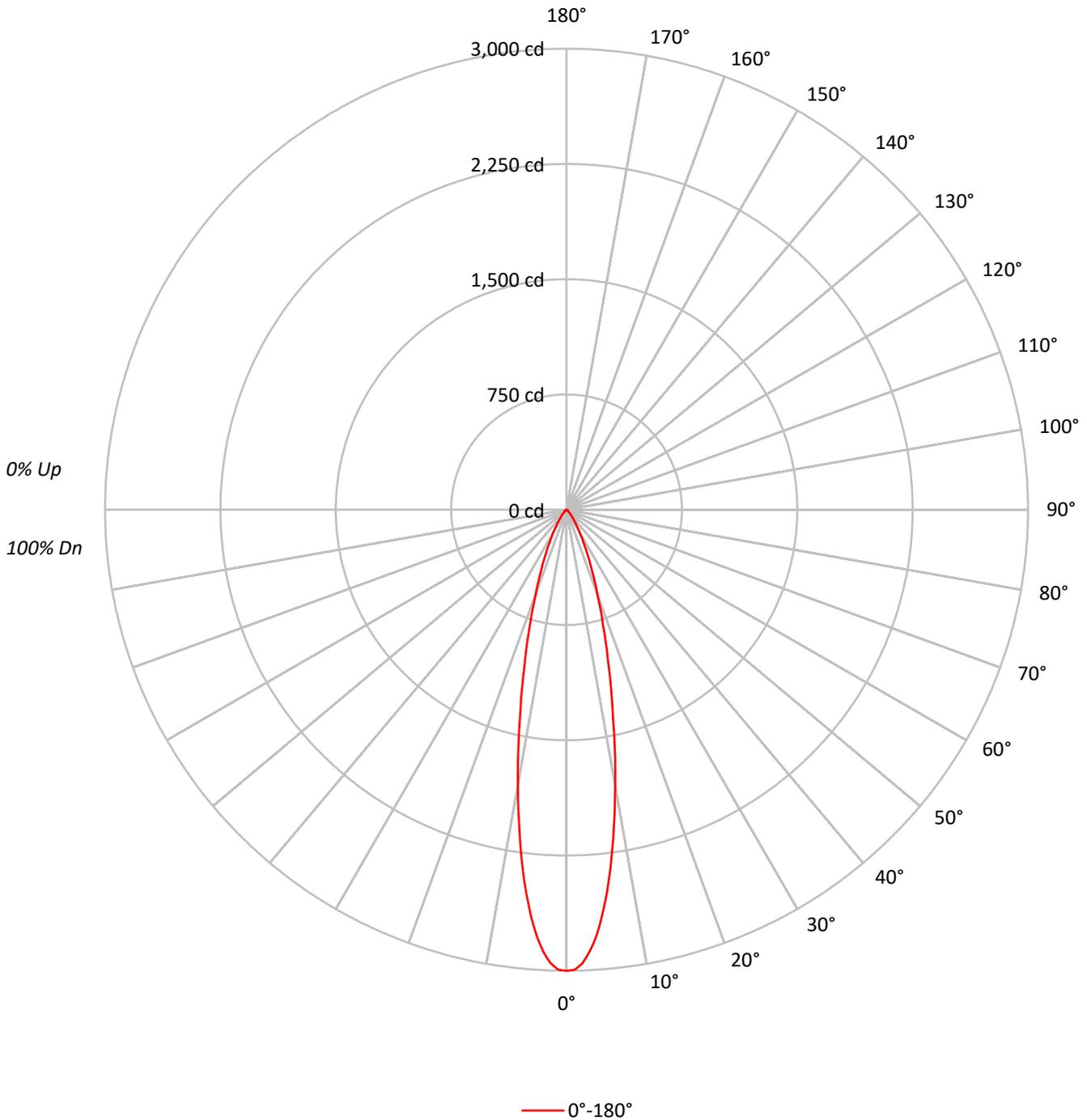
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 770.0 lumens
Efficiency: N/A
Efficacy: 65.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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			0		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	94	93	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	91	90	88	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	87	86	85	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	83	82	81	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	80	79	78	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	77	76	75	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	74	73	72	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	72	71	70	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	69	68	67	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	67	66	65	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	657776
5°	583886
10°	405492
15°	239797
20°	136582
25°	78077
30°	43197
35°	23022
40°	12738
45°	6915
50°	4298
55°	3403
60°	2938
65°	2698
70°	2372
75°	2542
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6915 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	225.6	29.3
10°-20°	297.7	38.7
20°-30°	153.3	19.9
30°-40°	57.5	7.5
40°-50°	18.8	2.4
50°-60°	8.1	1.1
60°-70°	5.1	0.7
70°-80°	3.0	0.4
80°-90°	0.8	0.1
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°	676.5	87.9
0°-40°	734.1	95.3
0°-60°	761.0	98.8
0°-90°	770.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	770.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3000	
5°	2653	226
15°	1056	298
25°	323	153
35°	86	58
45°	22	19
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2999.7
1°	2993.8
2°	2954.5
3°	2879.6
4°	2780.9
5°	2652.6
6°	2507.2
7°	2347.7
8°	2170.4
9°	1995.4
10°	1821.1
12.5°	1401.2
15°	1056.3
17.5°	790.7
20°	585.3
22.5°	436.9
25°	322.7
27.5°	235.1
30°	170.6
32.5°	120.9
35°	86.0
37.5°	61.6
40°	44.5
42.5°	31.9
45°	22.3
47.5°	16.3
50°	12.6
52.5°	10.4
55°	8.9
57.5°	7.4
60°	6.7
62.5°	5.9
65°	5.2
67.5°	4.5
70°	3.7
72.5°	3.7
75°	3.0
77.5°	2.2
80°	1.5
82.5°	1.5
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)