

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: P1259859

Luminaire Tested: P3AS13R129050DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259859
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R129050DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R12 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

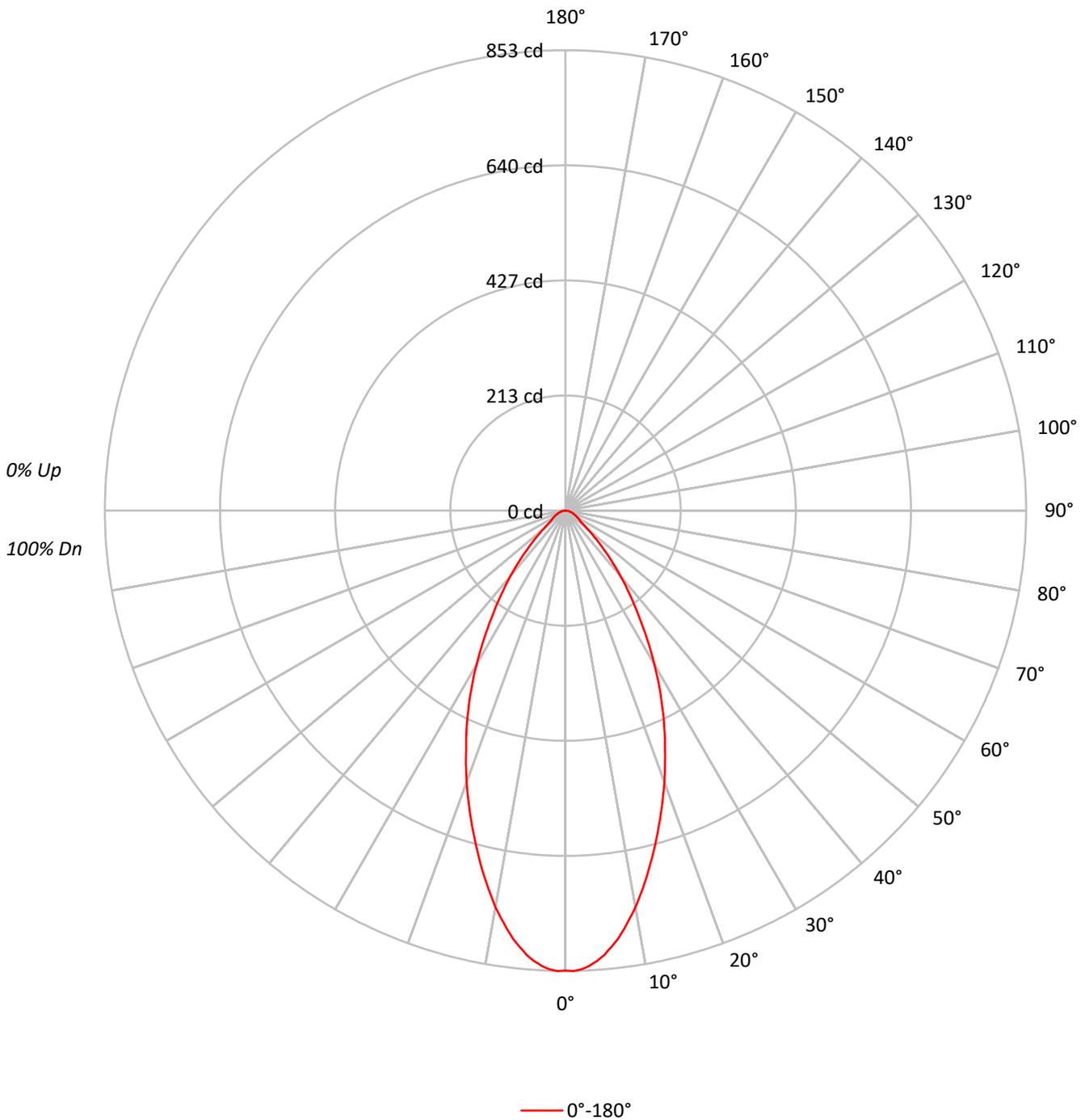
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 741.0 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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			100
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76			76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65			65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60			60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56			56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	186915
5°	181840
10°	166174
15°	145563
20°	124868
25°	104256
30°	83431
35°	62560
40°	45399
45°	29709
50°	18558
55°	12578
60°	11096
65°	10222
70°	9617
75°	8727
80°	8334
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 29709 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.2	10.3
10°-20°	178.7	24.1
20°-30°	196.8	26.6
30°-40°	147.4	19.9
40°-50°	76.4	10.3
50°-60°	31.7	4.3
60°-70°	19.6	2.6
70°-80°	11.0	1.5
80°-90°	3.2	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°	451.7	61.0
0°-40°	599.1	80.9
0°-60°	707.2	95.4
0°-90°	741.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	741.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	852	
5°	826	76
15°	641	179
25°	431	197
35°	234	147
45°	96	76
55°	33	32
65°	20	20
75°	10	11
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	852.4
1°	853.3
2°	850.5
3°	844.9
4°	836.4
5°	826.1
6°	812.9
7°	798.9
8°	782.0
9°	764.1
10°	746.3
12.5°	694.7
15°	641.2
17.5°	587.6
20°	535.1
22.5°	481.6
25°	430.9
27.5°	380.2
30°	329.5
32.5°	279.7
35°	233.7
37.5°	194.3
40°	158.6
42.5°	125.8
45°	95.8
47.5°	72.3
50°	54.4
52.5°	40.4
55°	32.9
57.5°	29.1
60°	25.3
62.5°	22.5
65°	19.7
67.5°	16.9
70°	15.0
72.5°	12.2
75°	10.3
77.5°	8.4
80°	6.6
82.5°	4.7
85°	2.8
87.5°	0.9
90°	0.0

(END OF REPORT)