

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: P1256072

Luminaire Tested: P3AS02R129040DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256072
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: P3AS02R129040DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

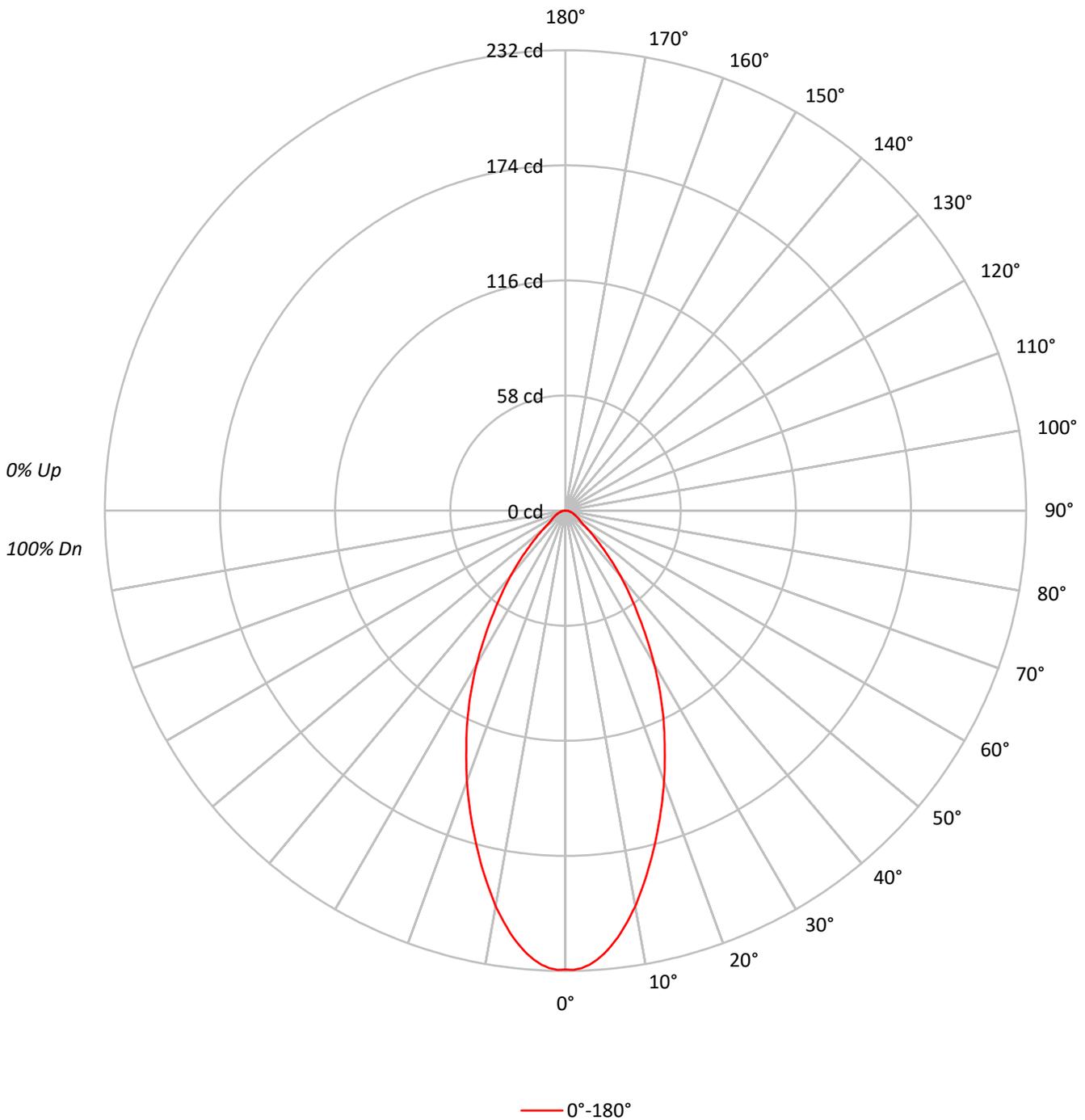
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 201.0 lumens
Efficiency: N/A
Efficacy: 54.3 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.7
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			100
1	113	109	106	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	70	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°	50698
5°	49329
10°	45067
15°	39478
20°	33860
25°	28284
30°	22636
35°	16972
40°	12309
45°	8063
50°	5049
55°	3403
60°	3026
65°	2750
70°	2629
75°	2372
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8063 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.7	10.3
10°-20°	48.5	24.1
20°-30°	53.4	26.6
30°-40°	40.0	19.9
40°-50°	20.7	10.3
50°-60°	8.6	4.3
60°-70°	5.3	2.6
70°-80°	3.0	1.5
80°-90°	0.9	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°	122.5	60.9
0°-40°	162.5	80.8
0°-60°	191.8	95.4
0°-90°	201.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	201.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	231	
5°	224	21
15°	174	48
25°	117	53
35°	63	40
45°	26	21
55°	9	9
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	231.2
1°	231.5
2°	230.7
3°	229.2
4°	226.9
5°	224.1
6°	220.5
7°	216.7
8°	212.1
9°	207.3
10°	202.4
12.5°	188.4
15°	173.9
17.5°	159.4
20°	145.1
22.5°	130.6
25°	116.9
27.5°	103.1
30°	89.4
32.5°	75.9
35°	63.4
37.5°	52.7
40°	43.0
42.5°	34.1
45°	26.0
47.5°	19.6
50°	14.8
52.5°	10.9
55°	8.9
57.5°	7.9
60°	6.9
62.5°	6.1
65°	5.3
67.5°	4.6
70°	4.1
72.5°	3.3
75°	2.8
77.5°	2.3
80°	1.8
82.5°	1.3
85°	0.8
87.5°	0.3
90°	0.0

(END OF REPORT)