

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: P1252428

Luminaire Tested: P3AS17R459030DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252428
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459030DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

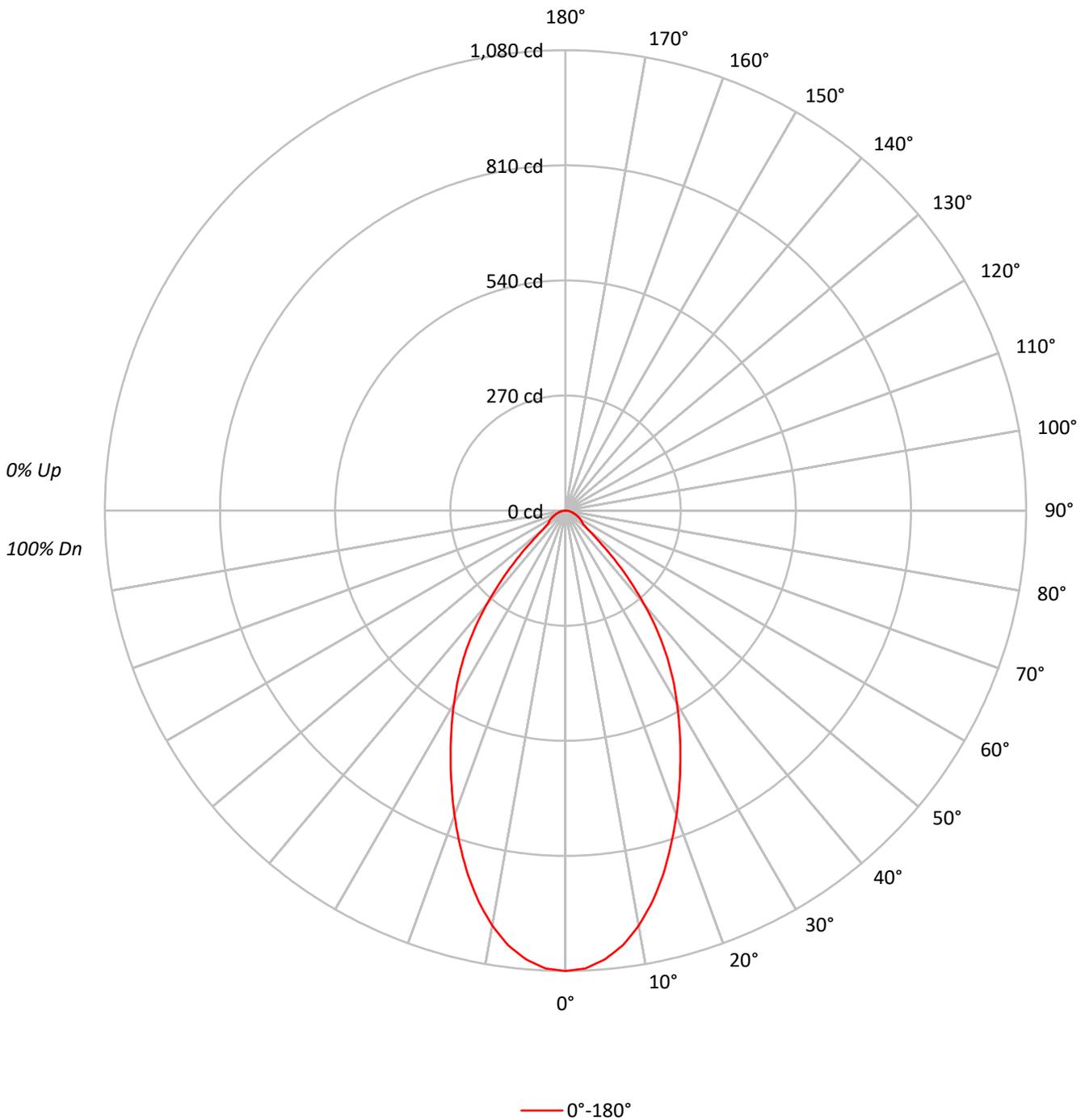
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1117.0 lumens
Efficiency: N/A
Efficacy: 52.7 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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				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	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83				83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75				75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69				69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58				58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54				54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50				50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47				47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44				44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	236823
5°	232643
10°	220125
15°	200773
20°	177535
25°	154170
30°	132324
35°	110262
40°	82183
45°	50300
50°	23266
55°	18198
60°	17499
65°	16033
70°	14874
75°	14149
80°	13007
85°	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 50300 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.7	8.8
10°-20°	246.2	22.0
20°-30°	292.5	26.2
30°-40°	254.2	22.8
40°-50°	127.5	11.4
50°-60°	44.3	4.0
60°-70°	31.0	2.8
70°-80°	17.3	1.5
80°-90°	5.3	0.5
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°	637.5	57.1
0°-40°	891.7	79.8
0°-60°	1063.4	95.2
0°-90°	1117.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1117.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1080	
5°	1057	99
15°	884	246
25°	637	293
35°	412	254
45°	162	127
55°	48	44
65°	31	31
75°	17	17
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1080.0
2.5°	1074.9
5°	1056.9
7.5°	1028.5
10°	988.6
12.5°	939.7
15°	884.4
17.5°	822.6
20°	760.8
22.5°	697.7
25°	637.2
27.5°	579.3
30°	522.6
32.5°	468.6
35°	411.9
37.5°	351.4
40°	287.1
42.5°	224.0
45°	162.2
47.5°	106.8
50°	68.2
52.5°	52.8
55°	47.6
57.5°	43.8
60°	39.9
62.5°	36.0
65°	30.9
67.5°	27.0
70°	23.2
72.5°	19.3
75°	16.7
77.5°	12.9
80°	10.3
82.5°	7.7
85°	3.9
87.5°	2.6
90°	0.0

(END OF REPORT)