

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: P1272386

Luminaire Tested: P3AS17R459827DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272386
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: P3AS17R459827DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 98CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

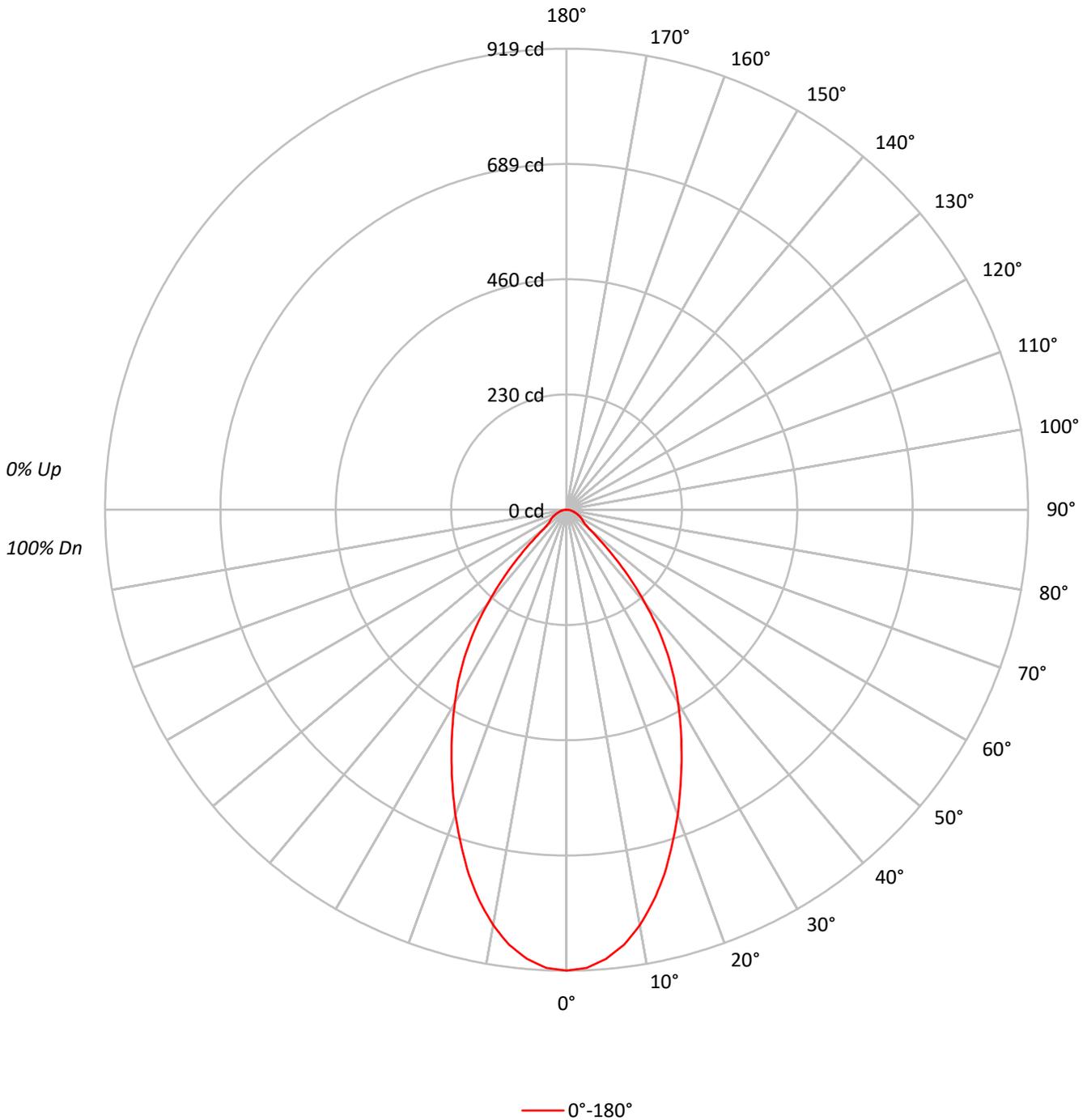
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 950.0 lumens
Efficiency: N/A
Efficacy: 46.6 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): 20.4
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	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°	201431
5°	197842
10°	187215
15°	170739
20°	150980
25°	131112
30°	112549
35°	93773
40°	69874
45°	42764
50°	19786
55°	15483
60°	14867
65°	13646
70°	12630
75°	12031
80°	11113
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 42764 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.0	8.8
10°-20°	209.4	22.0
20°-30°	248.8	26.2
30°-40°	216.2	22.8
40°-50°	108.4	11.4
50°-60°	37.6	4.0
60°-70°	26.4	2.8
70°-80°	14.7	1.5
80°-90°	4.5	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°	542.2	57.1
0°-40°	758.3	79.8
0°-60°	904.4	95.2
0°-90°	950.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	950.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	919	
5°	899	84
15°	752	209
25°	542	249
35°	350	216
45°	138	108
55°	40	38
65°	26	26
75°	14	15
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	918.6
2.5°	914.2
5°	898.8
7.5°	874.8
10°	840.8
12.5°	799.2
15°	752.1
17.5°	699.6
20°	647.0
22.5°	593.4
25°	541.9
27.5°	492.7
30°	444.5
32.5°	398.5
35°	350.3
37.5°	298.9
40°	244.1
42.5°	190.5
45°	137.9
47.5°	90.9
50°	58.0
52.5°	44.9
55°	40.5
57.5°	37.2
60°	33.9
62.5°	30.7
65°	26.3
67.5°	23.0
70°	19.7
72.5°	16.4
75°	14.2
77.5°	10.9
80°	8.8
82.5°	6.6
85°	3.3
87.5°	2.2
90°	0.0

(END OF REPORT)