

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: P1262970

Luminaire Tested: P3A17R209727DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262970
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R209727DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

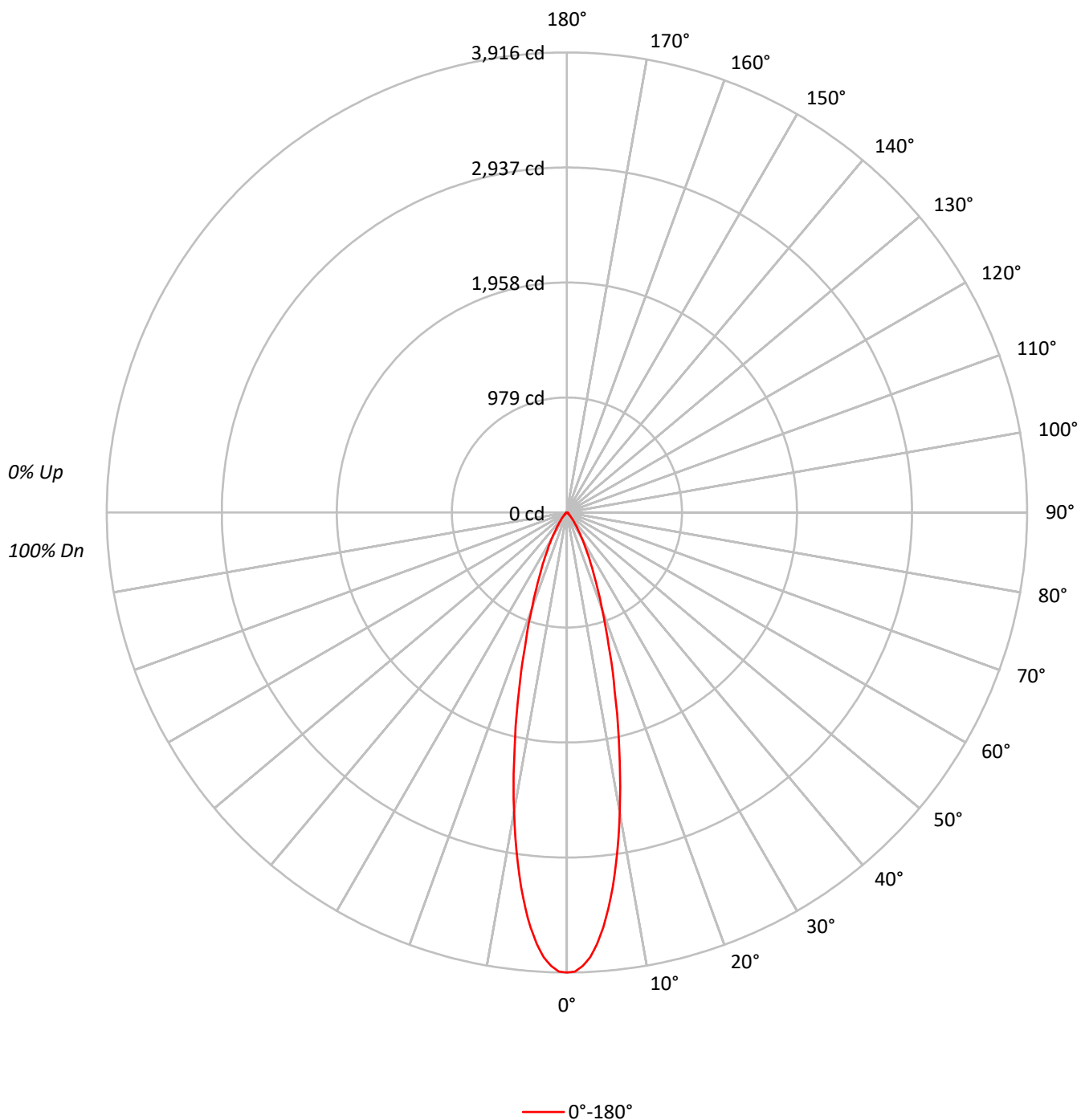
Lumens per Lamp: N/A
Luminaire Lumens: 1116.0 lumens
Efficiency: N/A
Efficacy: 52.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	858637
5°	780517
10°	576854
15°	356847
20°	203788
25°	116329
30°	65251
35°	35496
40°	19436
45°	10699
50°	6243
55°	4549
60°	4254
65°	3891
70°	3462
75°	3643
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10699 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	307.1	27.5
10°-20°	438.3	39.3
20°-30°	228.8	20.5
30°-40°	88.5	7.9
40°-50°	28.7	2.6
50°-60°	11.3	1.0
60°-70°	7.5	0.7
70°-80°	4.4	0.4
80°-90°	1.5	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°	974.2	87.3
0°-40°	1062.7	95.2
0°-60°	1102.7	98.8
0°-90°	1116.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1116.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3916	
5°	3546	307
15°	1572	438
25°	481	229
35°	133	88
45°	34	29
55°	12	11
65°	8	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3915.7
1°	3908.1
2°	3861.8
3°	3790.6
4°	3680.7
5°	3545.9
6°	3386.3
7°	3209.5
8°	3004.7
9°	2805.2
10°	2590.7
12.5°	2059.2
15°	1571.9
17.5°	1176.2
20°	873.3
22.5°	646.9
25°	480.8
27.5°	354.7
30°	257.7
32.5°	186.5
35°	132.6
37.5°	96.0
40°	67.9
42.5°	48.5
45°	34.5
47.5°	24.8
50°	18.3
52.5°	14.0
55°	11.9
57.5°	10.8
60°	9.7
62.5°	8.6
65°	7.5
67.5°	6.5
70°	5.4
72.5°	5.4
75°	4.3
77.5°	3.2
80°	2.2
82.5°	2.2
85°	1.1
87.5°	1.1
90°	0.0

(END OF REPORT)