

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: P1265349

Luminaire Tested: P3A17R209730DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265349
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: P3A17R209730DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

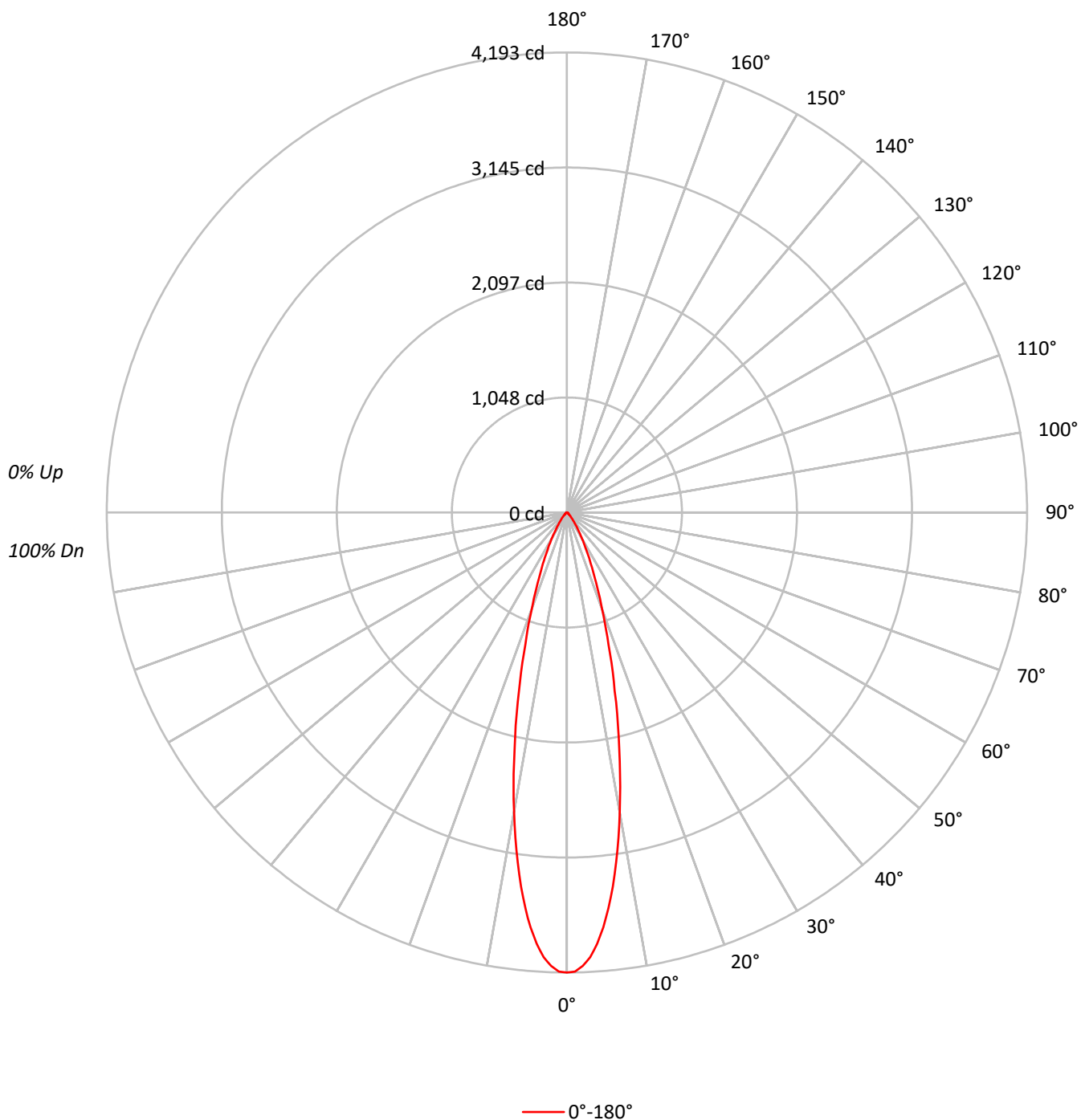
Lumens per Lamp: N/A
Luminaire Lumens: 1195.0 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	919422
5°	835767
10°	617691
15°	382113
20°	218209
25°	124580
30°	69859
35°	38012
40°	20810
45°	11443
50°	6686
55°	4855
60°	4561
65°	4203
70°	3719
75°	3897
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11443 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	328.8	27.5
10°-20°	469.4	39.3
20°-30°	245.0	20.5
30°-40°	94.7	7.9
40°-50°	30.7	2.6
50°-60°	12.1	1.0
60°-70°	8.0	0.7
70°-80°	4.7	0.4
80°-90°	1.6	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°	1043.2	87.3
0°-40°	1137.9	95.2
0°-60°	1180.7	98.8
0°-90°	1195.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1195.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4193	
5°	3797	329
15°	1683	469
25°	515	245
35°	142	95
45°	37	31
55°	13	12
65°	8	8
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4192.9
1°	4184.8
2°	4135.2
3°	4059.0
4°	3941.2
5°	3796.9
6°	3626.1
7°	3436.7
8°	3217.4
9°	3003.8
10°	2774.1
12.5°	2205.0
15°	1683.2
17.5°	1259.5
20°	935.1
22.5°	692.7
25°	514.9
27.5°	379.8
30°	275.9
32.5°	199.7
35°	142.0
37.5°	102.7
40°	72.7
42.5°	51.9
45°	36.9
47.5°	26.6
50°	19.6
52.5°	15.0
55°	12.7
57.5°	11.5
60°	10.4
62.5°	9.2
65°	8.1
67.5°	6.9
70°	5.8
72.5°	5.8
75°	4.6
77.5°	3.5
80°	2.3
82.5°	2.3
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)