

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: P1265355

Luminaire Tested: P3A17R209730DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265355
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R209730DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

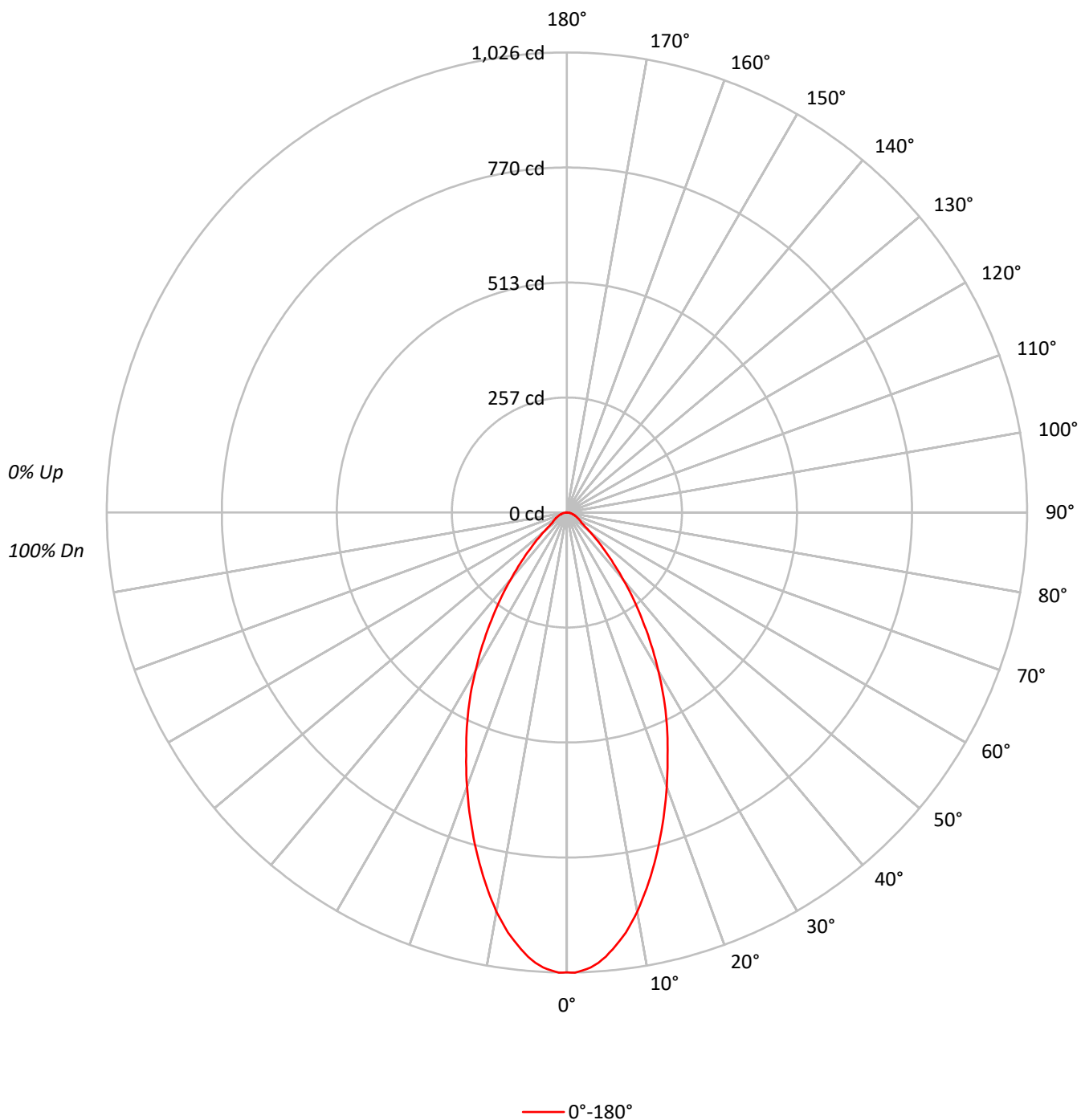
Lumens per Lamp: N/A
Luminaire Lumens: 909.1 lumens
Efficiency: N/A
Efficacy: 42.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	224850
5°	218842
10°	201310
15°	177209
20°	151960
25°	127677
30°	103206
35°	78514
40°	55847
45°	36872
50°	22856
55°	15025
60°	13683
65°	12556
70°	11861
75°	10760
80°	10229
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36872 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.0	10.1
10°-20°	217.3	23.9
20°-30°	241.2	26.5
30°-40°	184.0	20.2
40°-50°	94.2	10.4
50°-60°	38.7	4.3
60°-70°	24.1	2.7
70°-80°	13.6	1.5
80°-90°	4.0	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°	550.5	60.6
0°-40°	734.5	80.8
0°-60°	867.4	95.4
0°-90°	909.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	909.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1025	
5°	994	92
15°	781	217
25°	528	241
35°	293	184
45°	119	94
55°	39	39
65°	24	24
75°	13	14
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1025.4
1°	1026.5
2°	1021.9
3°	1016.1
4°	1006.9
5°	994.2
6°	979.2
7°	963.0
8°	945.7
9°	924.9
10°	904.1
12.5°	844.1
15°	780.6
17.5°	715.9
20°	651.2
22.5°	586.6
25°	527.7
27.5°	468.8
30°	407.6
32.5°	349.9
35°	293.3
37.5°	243.6
40°	195.1
42.5°	153.6
45°	118.9
47.5°	90.1
50°	67.0
52.5°	49.7
55°	39.3
57.5°	35.8
60°	31.2
62.5°	27.7
65°	24.2
67.5°	20.8
70°	18.5
72.5°	15.0
75°	12.7
77.5°	10.4
80°	8.1
82.5°	5.8
85°	3.5
87.5°	1.2
90°	0.0

(END OF REPORT)