

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: P1265528

Luminaire Tested: P3A17R509730DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265528
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R509730DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

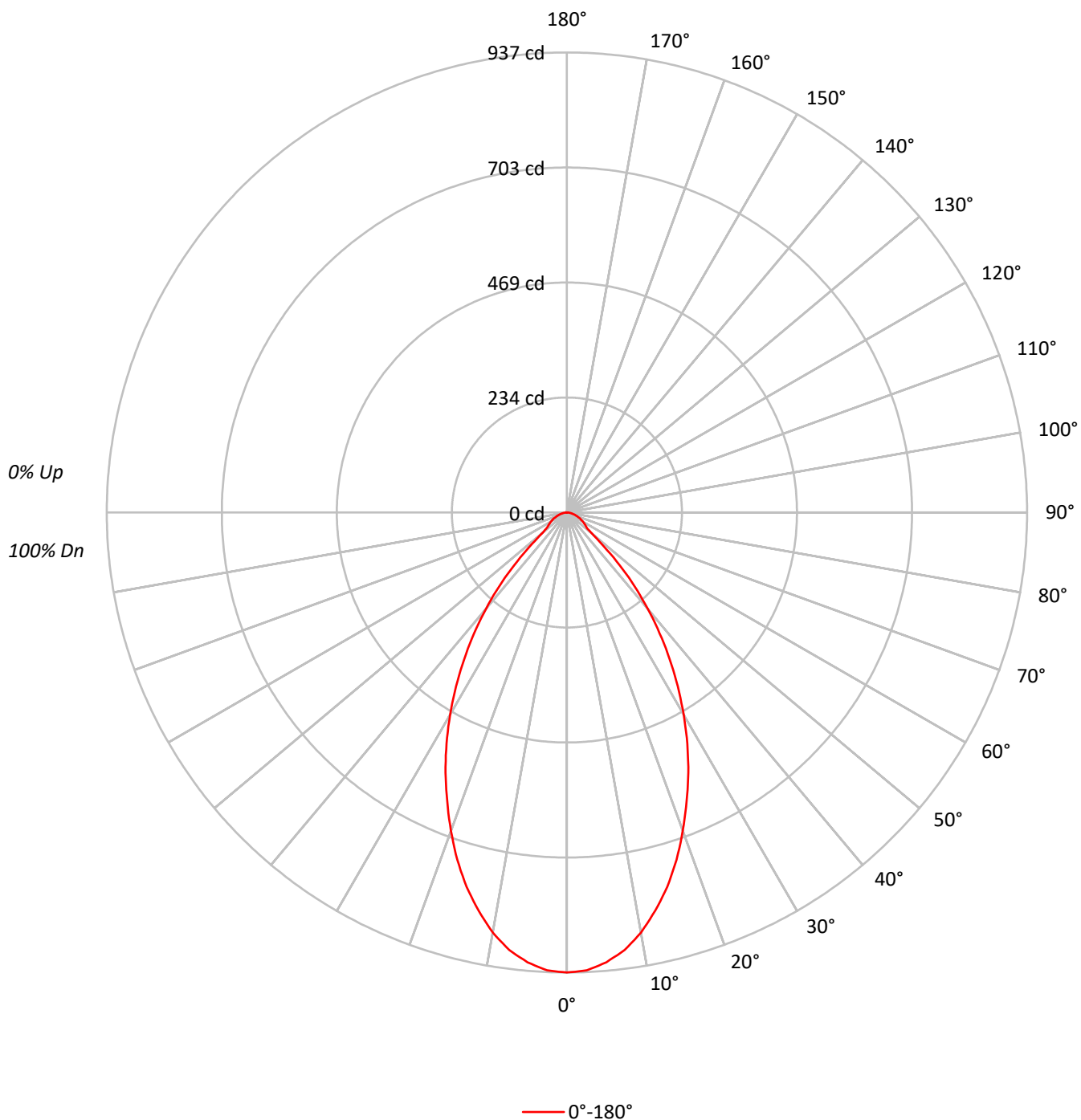
Lumens per Lamp: N/A
Luminaire Lumens: 1011.0 lumens
Efficiency: N/A
Efficacy: 47.7 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	205444
5°	202421
10°	193472
15°	179184
20°	161014
25°	141540
30°	120373
35°	97601
40°	73337
45°	47230
50°	22447
55°	17662
60°	16709
65°	15566
70°	14041
75°	12709
80°	11618
85°	11573

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47230 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.2	8.5
10°-20°	220.0	21.8
20°-30°	267.4	26.4
30°-40°	226.7	22.4
40°-50°	117.8	11.6
50°-60°	42.5	4.2
60°-70°	29.4	2.9
70°-80°	16.0	1.6
80°-90°	5.0	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°	573.6	56.7
0°-40°	800.3	79.2
0°-60°	960.6	95.0
0°-90°	1011.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1011.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	937	
5°	920	86
15°	789	220
25°	585	267
35°	365	227
45°	152	118
55°	46	43
65°	30	29
75°	15	16
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	936.9
2.5°	933.5
5°	919.6
7.5°	898.9
10°	868.9
12.5°	830.8
15°	789.3
17.5°	741.9
20°	690.0
22.5°	636.9
25°	585.0
27.5°	530.8
30°	475.4
32.5°	420.0
35°	364.6
37.5°	310.4
40°	256.2
42.5°	204.2
45°	152.3
47.5°	101.5
50°	65.8
52.5°	50.8
55°	46.2
57.5°	41.5
60°	38.1
62.5°	33.5
65°	30.0
67.5°	25.4
70°	21.9
72.5°	18.5
75°	15.0
77.5°	11.5
80°	9.2
82.5°	6.9
85°	4.6
87.5°	2.3
90°	0.0

(END OF REPORT)