

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: P1267562

Luminaire Tested: P3A13R509735DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267562
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: P3A13R509735DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

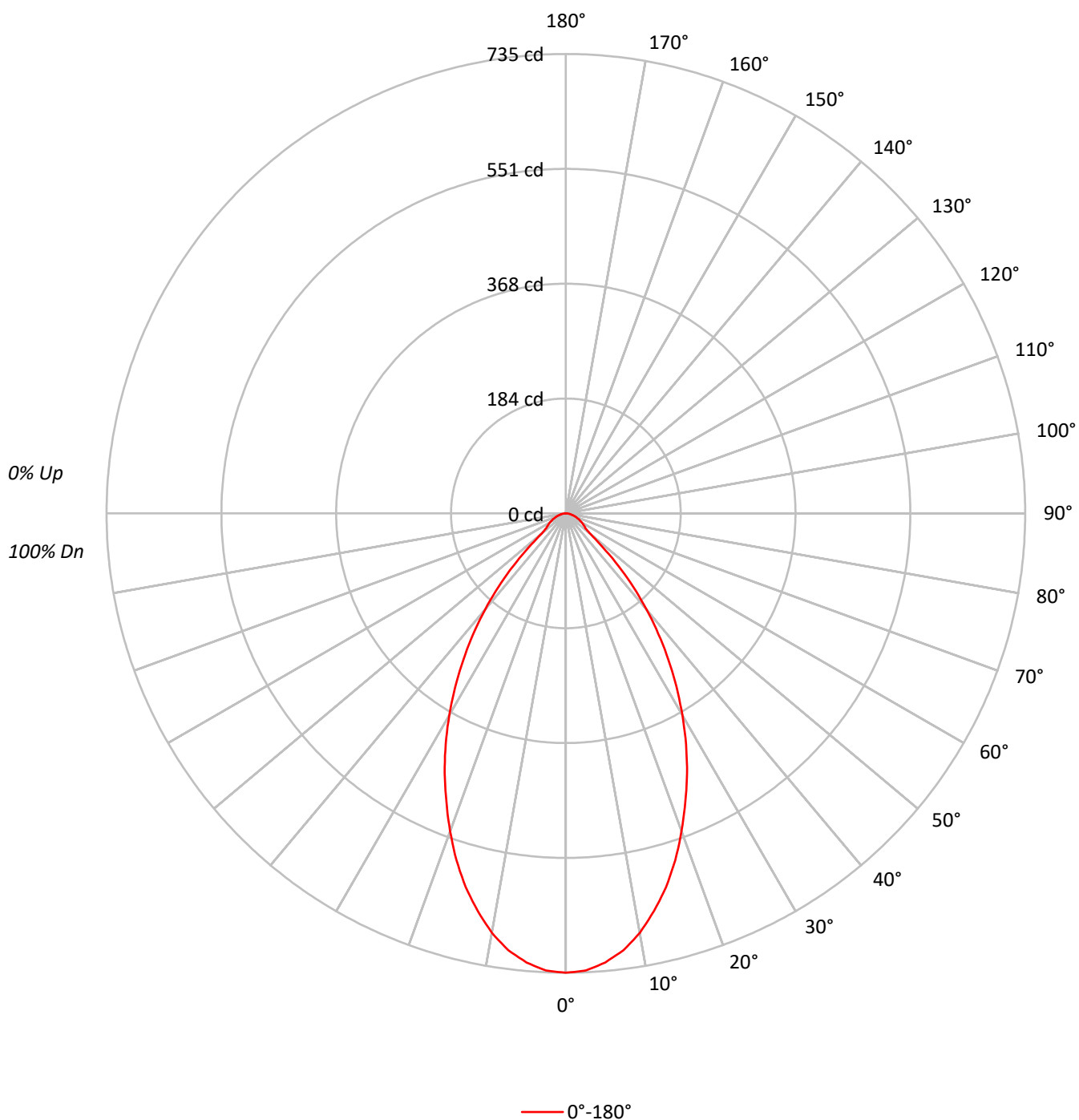
Lumens per Lamp: N/A
Luminaire Lumens: 793.0 lumens
Efficiency: N/A
Efficacy: 54.3 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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°	161149
5°	158771
10°	151745
15°	140546
20°	126291
25°	111031
30°	94420
35°	76560
40°	57508
45°	37058
50°	17603
55°	13839
60°	13113
65°	12193
70°	11028
75°	9997
80°	9092
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37058 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.6	8.5
10°-20°	172.6	21.8
20°-30°	209.7	26.4
30°-40°	177.8	22.4
40°-50°	92.4	11.6
50°-60°	33.3	4.2
60°-70°	23.0	2.9
70°-80°	12.5	1.6
80°-90°	3.9	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°	449.9	56.7
0°-40°	627.8	79.2
0°-60°	753.5	95.0
0°-90°	793.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	793.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	735	
5°	721	68
15°	619	173
25°	459	210
35°	286	178
45°	120	92
55°	36	33
65°	24	23
75°	12	13
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	734.9
2.5°	732.2
5°	721.3
7.5°	705.0
10°	681.5
12.5°	651.6
15°	619.1
17.5°	582.0
20°	541.2
22.5°	499.6
25°	458.9
27.5°	416.3
30°	372.9
32.5°	329.4
35°	286.0
37.5°	243.5
40°	200.9
42.5°	160.2
45°	119.5
47.5°	79.6
50°	51.6
52.5°	39.8
55°	36.2
57.5°	32.6
60°	29.9
62.5°	26.2
65°	23.5
67.5°	19.9
70°	17.2
72.5°	14.5
75°	11.8
77.5°	9.1
80°	7.2
82.5°	5.4
85°	3.6
87.5°	1.8
90°	0.0

(END OF REPORT)