

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: P1247012

Luminaire Tested: P3A13R509024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247012
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: P3A13R509024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

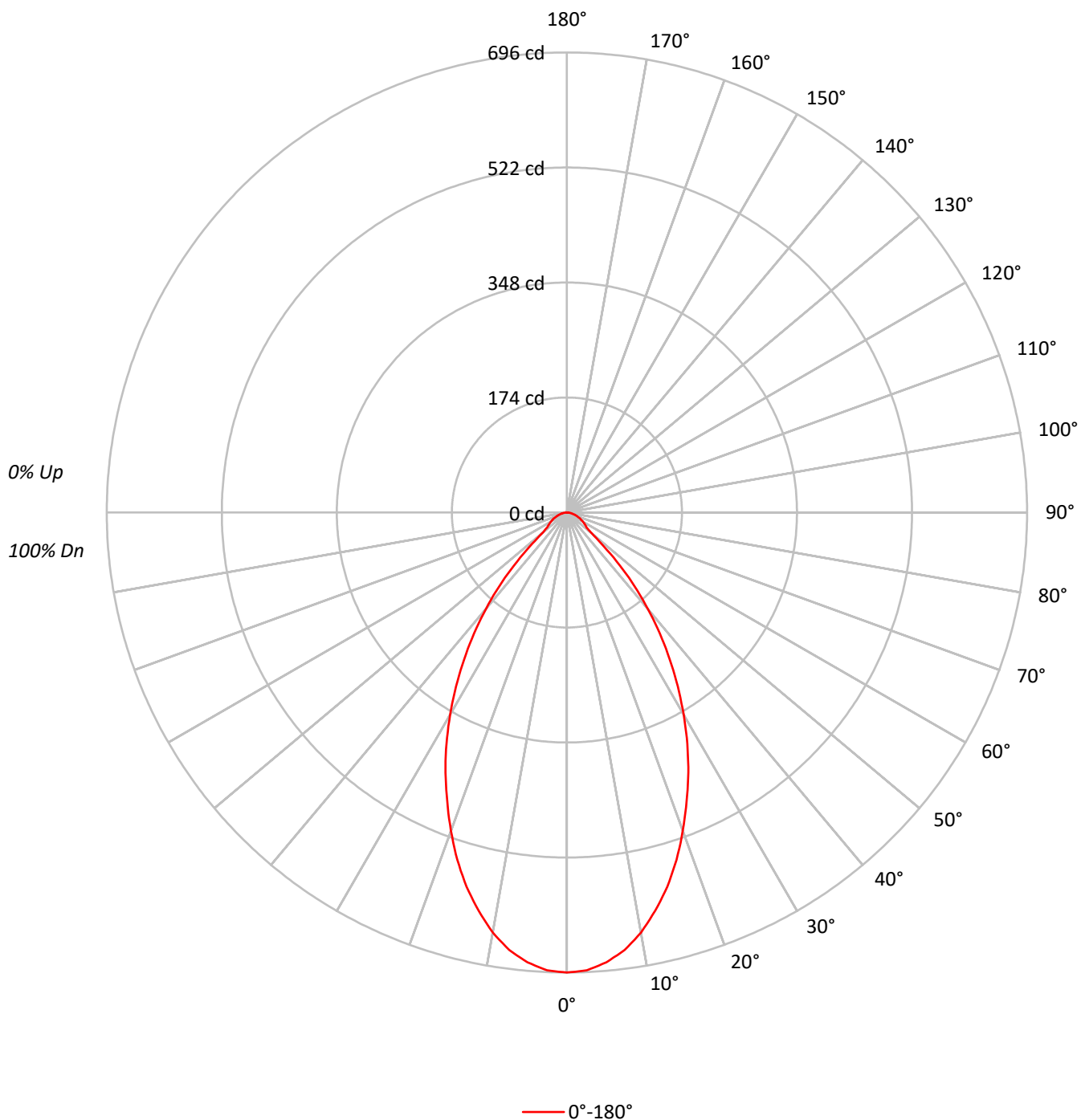
Lumens per Lamp: N/A
Luminaire Lumens: 751.0 lumens
Efficiency: N/A
Efficacy: 51.4 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	152619
5°	150363
10°	143707
15°	133100
20°	119617
25°	105151
30°	89406
35°	72518
40°	54473
45°	35073
50°	16682
55°	13113
60°	12411
65°	11571
70°	10450
75°	9404
80°	8713
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35073 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.0	8.5
10°-20°	163.5	21.8
20°-30°	198.6	26.4
30°-40°	168.4	22.4
40°-50°	87.5	11.6
50°-60°	31.6	4.2
60°-70°	21.9	2.9
70°-80°	11.9	1.6
80°-90°	3.7	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°	426.1	56.7
0°-40°	594.5	79.2
0°-60°	713.6	95.0
0°-90°	751.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	751.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	696	
5°	683	64
15°	586	163
25°	435	199
35°	271	168
45°	113	87
55°	34	32
65°	22	22
75°	11	12
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	696.0
2.5°	693.4
5°	683.1
7.5°	667.7
10°	645.4
12.5°	617.1
15°	586.3
17.5°	551.1
20°	512.6
22.5°	473.1
25°	434.6
27.5°	394.3
30°	353.1
32.5°	312.0
35°	270.9
37.5°	230.6
40°	190.3
42.5°	151.7
45°	113.1
47.5°	75.4
50°	48.9
52.5°	37.7
55°	34.3
57.5°	30.9
60°	28.3
62.5°	24.9
65°	22.3
67.5°	18.9
70°	16.3
72.5°	13.7
75°	11.1
77.5°	8.6
80°	6.9
82.5°	5.1
85°	3.4
87.5°	1.7
90°	0.0

(END OF REPORT)