

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: P1269940

Luminaire Tested: P3A13R509740DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269940
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: P3A13R509740DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

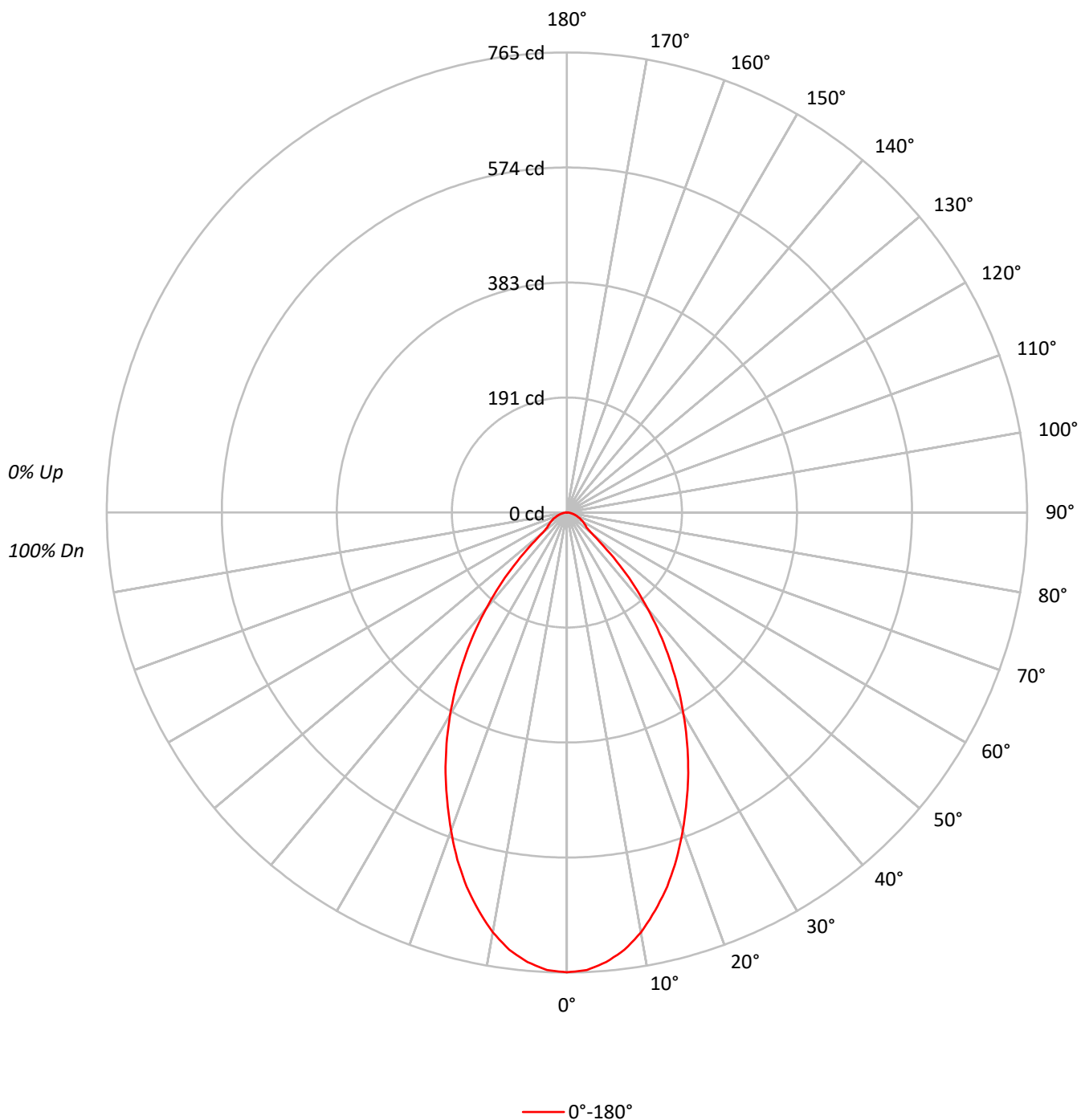
Lumens per Lamp: N/A
Luminaire Lumens: 825.0 lumens
Efficiency: N/A
Efficacy: 56.5 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	167662
5°	165177
10°	157868
15°	146198
20°	131401
25°	115507
30°	98218
35°	79638
40°	59826
45°	38547
50°	18319
55°	14413
60°	13639
65°	12712
70°	11476
75°	10336
80°	9471
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38547 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.3	8.5
10°-20°	179.6	21.8
20°-30°	218.2	26.4
30°-40°	185.0	22.4
40°-50°	96.1	11.7
50°-60°	34.7	4.2
60°-70°	24.0	2.9
70°-80°	13.0	1.6
80°-90°	4.1	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°	468.1	56.7
0°-40°	653.1	79.2
0°-60°	783.9	95.0
0°-90°	825.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	825.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	765	
5°	750	70
15°	644	180
25°	477	218
35°	298	185
45°	124	96
55°	38	35
65°	24	24
75°	12	13
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	764.6
2.5°	761.7
5°	750.4
7.5°	733.5
10°	709.0
12.5°	677.9
15°	644.0
17.5°	605.4
20°	563.1
22.5°	519.8
25°	477.4
27.5°	433.1
30°	387.9
32.5°	342.7
35°	297.5
37.5°	253.3
40°	209.0
42.5°	166.7
45°	124.3
47.5°	82.9
50°	53.7
52.5°	41.4
55°	37.7
57.5°	33.9
60°	31.1
62.5°	27.3
65°	24.5
67.5°	20.7
70°	17.9
72.5°	15.1
75°	12.2
77.5°	9.4
80°	7.5
82.5°	5.6
85°	3.8
87.5°	1.9
90°	0.0

(END OF REPORT)