

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: P1246903

Luminaire Tested: P3A13R309024DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246903
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R309024DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

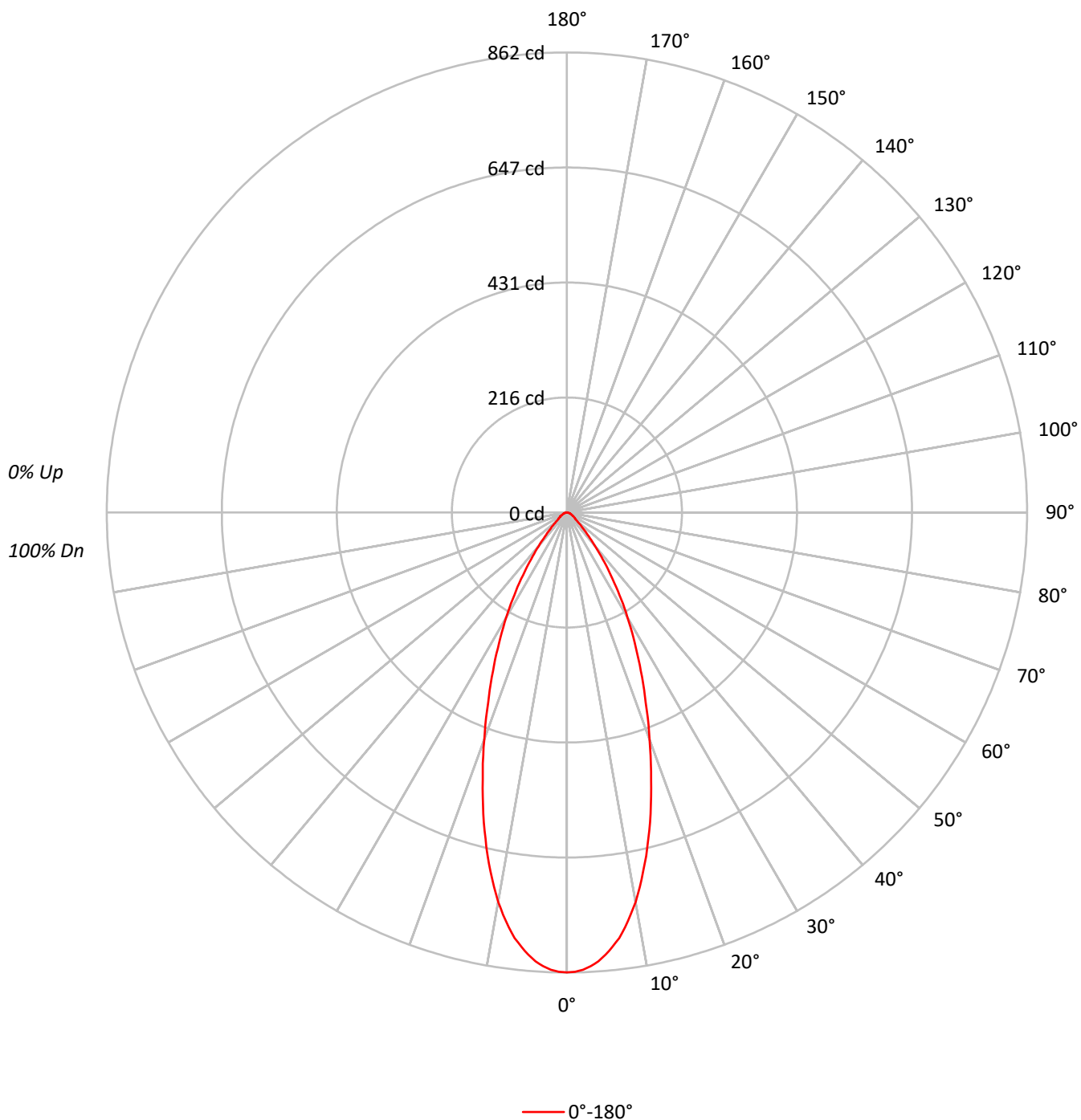
Lumens per Lamp: N/A
Luminaire Lumens: 553.0 lumens
Efficiency: N/A
Efficacy: 37.9 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1246903

CATALOG NUMBER: P3A13R309024DE010 E3DLP1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1246903

CATALOG NUMBER: P3A13R309024DE010 E3DLP1LI

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	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	188976
5°	183094
10°	164971
15°	136459
20°	105663
25°	79263
30°	57528
35°	38334
40°	23558
45°	13831
50°	8494
55°	6881
60°	6008
65°	4877
70°	4424
75°	4321
80°	3283
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13831 cd/sqm

TEST NUMBER: P1246903

CATALOG NUMBER: P3A13R309024DE010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.5	13.8
10°-20°	165.6	29.9
20°-30°	150.6	27.2
30°-40°	91.1	16.5
40°-50°	36.5	6.6
50°-60°	16.2	2.9
60°-70°	9.7	1.8
70°-80°	5.3	1.0
80°-90°	1.5	0.3
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°	392.7	71.0
0°-40°	483.8	87.5
0°-60°	536.4	97.0
0°-90°	553.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	553.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	862	
5°	832	77
15°	601	166
25°	328	151
35°	143	91
45°	45	37
55°	18	16
65°	9	10
75°	5	5
85°	2	2
90°	0	

TEST NUMBER: P1246903

CATALOG NUMBER: P3A13R309024DE010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	861.8
1°	860.9
2°	857.5
3°	851.5
4°	842.9
5°	831.8
6°	818.0
7°	803.5
8°	784.6
9°	763.2
10°	740.9
11°	715.1
12°	687.7
13°	660.3
14°	630.3
15°	601.1
17.5°	524.8
20°	452.8
22.5°	385.9
25°	327.6
27.5°	274.4
30°	227.2
32.5°	183.5
35°	143.2
37.5°	109.8
40°	82.3
42.5°	60.0
45°	44.6
47.5°	33.4
50°	24.9
52.5°	19.7
55°	18.0
57.5°	15.4
60°	13.7
62.5°	11.1
65°	9.4
67.5°	8.6
70°	6.9
72.5°	6.0
75°	5.1
77.5°	4.3
80°	2.6
82.5°	1.7
85°	1.7
87.5°	0.9



TEST NUMBER: P1246903

CATALOG NUMBER: P3A13R309024DE010 E3DLP1LI

CANDELA DISTRIBUTION (continued):



(END OF REPORT)