

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: P1246957

Luminaire Tested: P3A13R409024DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246957
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R409024DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 2400K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

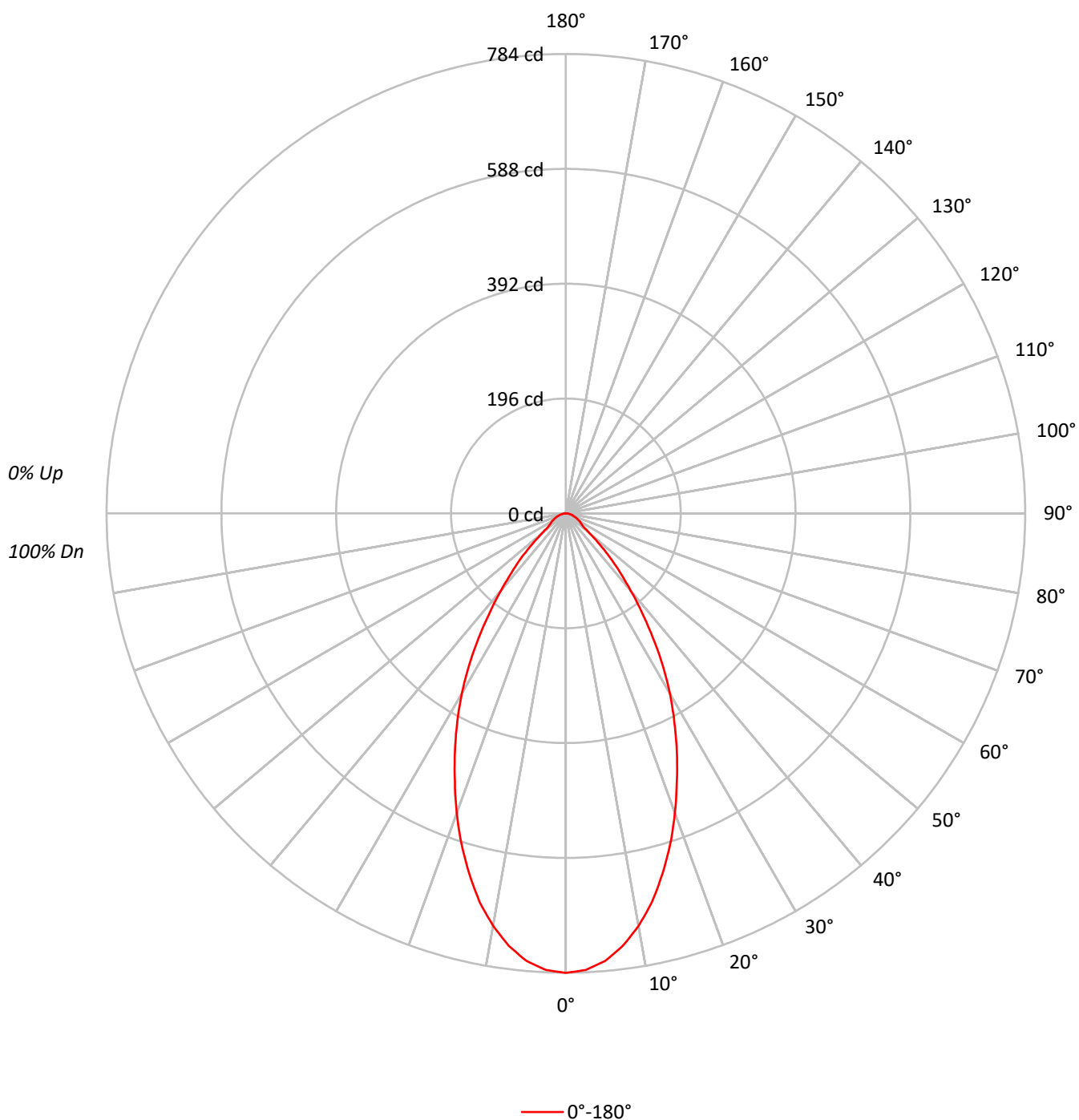
Lumens per Lamp: N/A
Luminaire Lumens: 766.0 lumens
Efficiency: N/A
Efficacy: 52.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1246957

CATALOG NUMBER: P3A13R409024DE010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1246957

CATALOG NUMBER: P3A13R409024DE010 E3DLD1LI

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	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	171960
5°	168831
10°	159138
15°	144564
20°	126991
25°	108442
30°	89837
35°	69279
40°	49321
45°	33213
50°	18115
55°	12769
60°	12017
65°	11104
70°	9873
75°	9404
80°	7577
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33213 cd/sqm

TEST NUMBER: P1246957

CATALOG NUMBER: P3A13R409024DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.5	9.3
10°-20°	177.4	23.2
20°-30°	205.0	26.8
30°-40°	161.6	21.1
40°-50°	82.9	10.8
50°-60°	31.7	4.1
60°-70°	21.0	2.7
70°-80°	11.4	1.5
80°-90°	3.4	0.4
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°	454.0	59.3
0°-40°	615.6	80.4
0°-60°	730.2	95.3
0°-90°	766.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	766.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	784	
5°	767	72
15°	637	177
25°	448	205
35°	259	162
45°	107	83
55°	33	32
65°	21	21
75°	11	11
85°	3	3
90°	0	

TEST NUMBER: P1246957

CATALOG NUMBER: P3A13R409024DE010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	784.2
2.5°	779.9
5°	767.0
7.5°	744.7
10°	714.7
12.5°	679.6
15°	636.8
17.5°	592.2
20°	544.2
22.5°	495.3
25°	448.2
27.5°	401.1
30°	354.8
32.5°	307.7
35°	258.8
37.5°	213.4
40°	172.3
42.5°	137.1
45°	107.1
47.5°	78.0
50°	53.1
52.5°	38.6
55°	33.4
57.5°	30.0
60°	27.4
62.5°	24.0
65°	21.4
67.5°	18.0
70°	15.4
72.5°	12.9
75°	11.1
77.5°	8.6
80°	6.0
82.5°	5.1
85°	2.6
87.5°	1.7
90°	0.0

(END OF REPORT)