

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: P1246552

Luminaire Tested: P3A09R409024DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246552
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R409024DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 2400K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

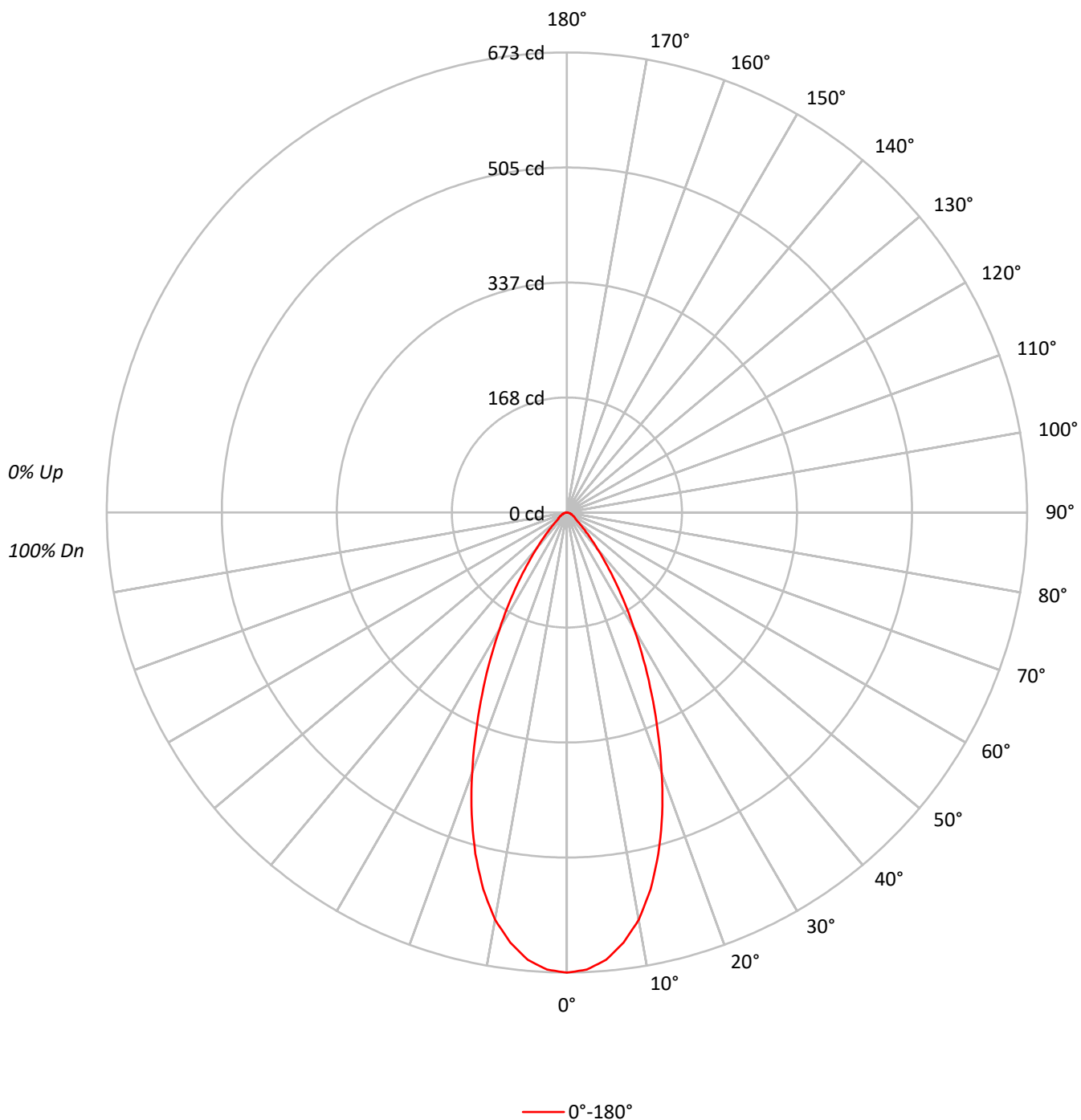
Lumens per Lamp: N/A
Luminaire Lumens: 474.0 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1246552

CATALOG NUMBER: P3A09R409024DE010 E3DLP1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1246552

CATALOG NUMBER: P3A09R409024DE010 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	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	147598
5°	144596
10°	134645
15°	117345
20°	94578
25°	70891
30°	49830
35°	32658
40°	19751
45°	11815
50°	7062
55°	5658
60°	5087
65°	4358
70°	4167
75°	3304
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11815 cd/sqm

TEST NUMBER: P1246552

CATALOG NUMBER: P3A09R409024DE010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.0	12.9
10°-20°	142.4	30.0
20°-30°	134.2	28.3
30°-40°	77.6	16.4
40°-50°	30.9	6.5
50°-60°	13.7	2.9
60°-70°	8.5	1.8
70°-80°	4.4	0.9
80°-90°	1.4	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°	337.5	71.2
0°-40°	415.1	87.6
0°-60°	459.7	97.0
0°-90°	474.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	474.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	673	
5°	657	61
15°	517	142
25°	293	134
35°	122	78
45°	38	31
55°	15	14
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1246552

CATALOG NUMBER: P3A09R409024DE010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	673.1
2.5°	669.2
5°	656.9
7.5°	634.4
10°	604.7
12.5°	564.7
15°	516.9
17.5°	463.3
20°	405.3
22.5°	347.2
25°	293.0
27.5°	242.6
30°	196.8
32.5°	156.8
35°	122.0
37.5°	92.3
40°	69.0
42.5°	51.6
45°	38.1
47.5°	27.7
50°	20.7
52.5°	16.8
55°	14.8
57.5°	13.6
60°	11.6
62.5°	9.7
65°	8.4
67.5°	7.1
70°	6.5
72.5°	5.2
75°	3.9
77.5°	3.2
80°	2.6
82.5°	1.9
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)