

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: P1269645

Luminaire Tested: P3A09R709740DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269645
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R709740DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 97CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

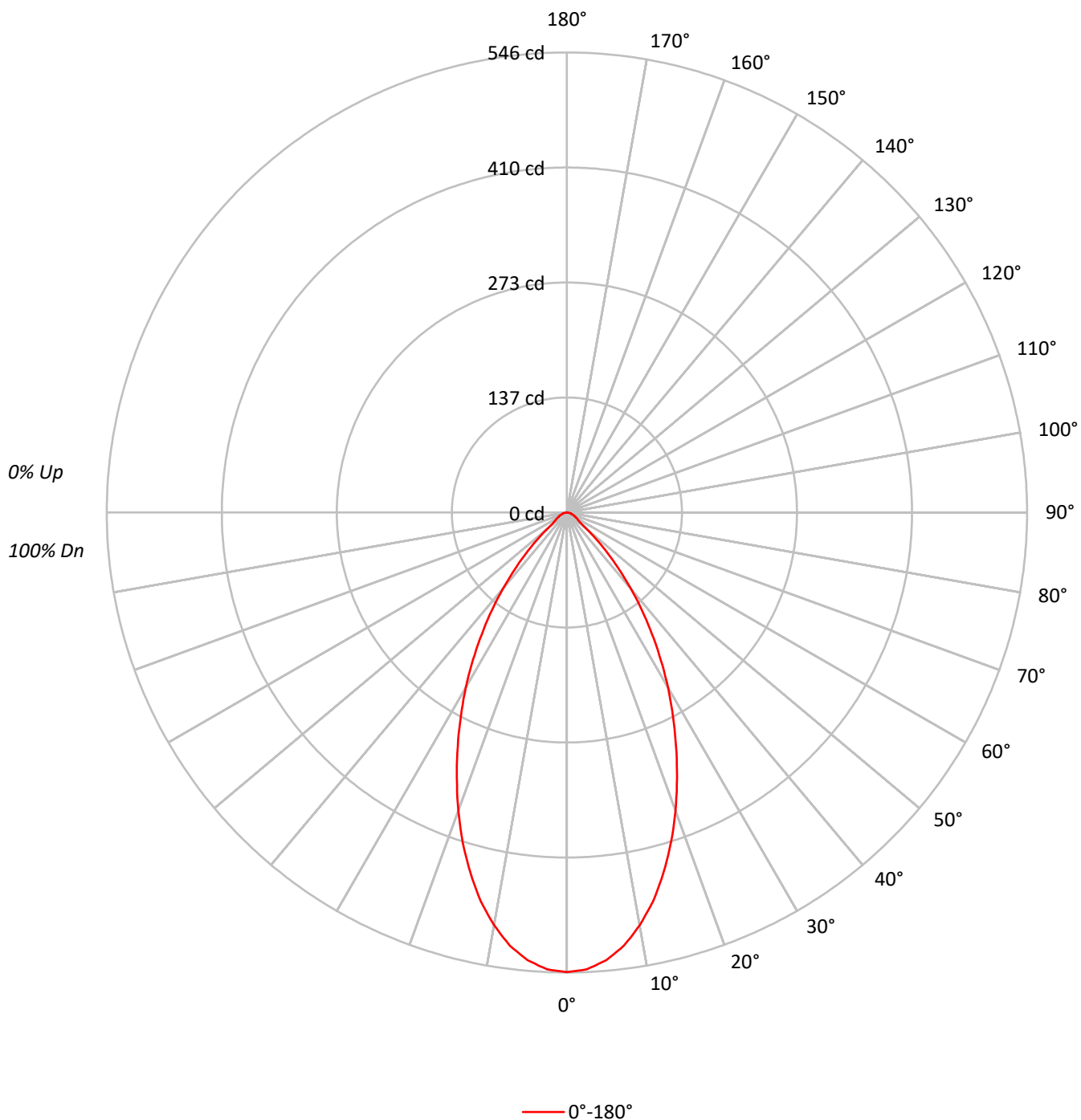
Lumens per Lamp: N/A
Luminaire Lumens: 510.0 lumens
Efficiency: N/A
Efficacy: 45.9 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269645

CATALOG NUMBER: P3A09R709740DE010 E3DLP1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1269645

CATALOG NUMBER: P3A09R709740DE010 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	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	119618
5°	117433
10°	110731
15°	100500
20°	87904
25°	74158
30°	60718
35°	47087
40°	33720
45°	21336
50°	10644
55°	6499
60°	5614
65°	5137
70°	4552
75°	4236
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21336 cd/sqm

TEST NUMBER: P1269645

CATALOG NUMBER: P3A09R709740DE010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.8	9.8
10°-20°	123.2	24.2
20°-30°	140.3	27.5
30°-40°	109.7	21.5
40°-50°	53.9	10.6
50°-60°	16.6	3.3
60°-70°	9.8	1.9
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°	313.2	61.4
0°-40°	422.9	82.9
0°-60°	493.4	96.7
0°-90°	510.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	510.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	546	
5°	534	50
15°	443	123
25°	306	140
35°	176	110
45°	69	54
55°	17	17
65°	10	10
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1269645

CATALOG NUMBER: P3A09R709740DE010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	545.5
2.5°	542.7
5°	533.5
7.5°	518.6
10°	497.3
12.5°	472.5
15°	442.7
17.5°	410.8
20°	376.7
22.5°	341.2
25°	306.5
27.5°	272.4
30°	239.8
32.5°	207.1
35°	175.9
37.5°	146.1
40°	117.8
42.5°	91.5
45°	68.8
47.5°	48.2
50°	31.2
52.5°	20.6
55°	17.0
57.5°	14.9
60°	12.8
62.5°	11.4
65°	9.9
67.5°	8.5
70°	7.1
72.5°	5.7
75°	5.0
77.5°	4.3
80°	2.8
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)