

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: P1246708

Luminaire Tested: P3A09R709024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246708
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R709024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

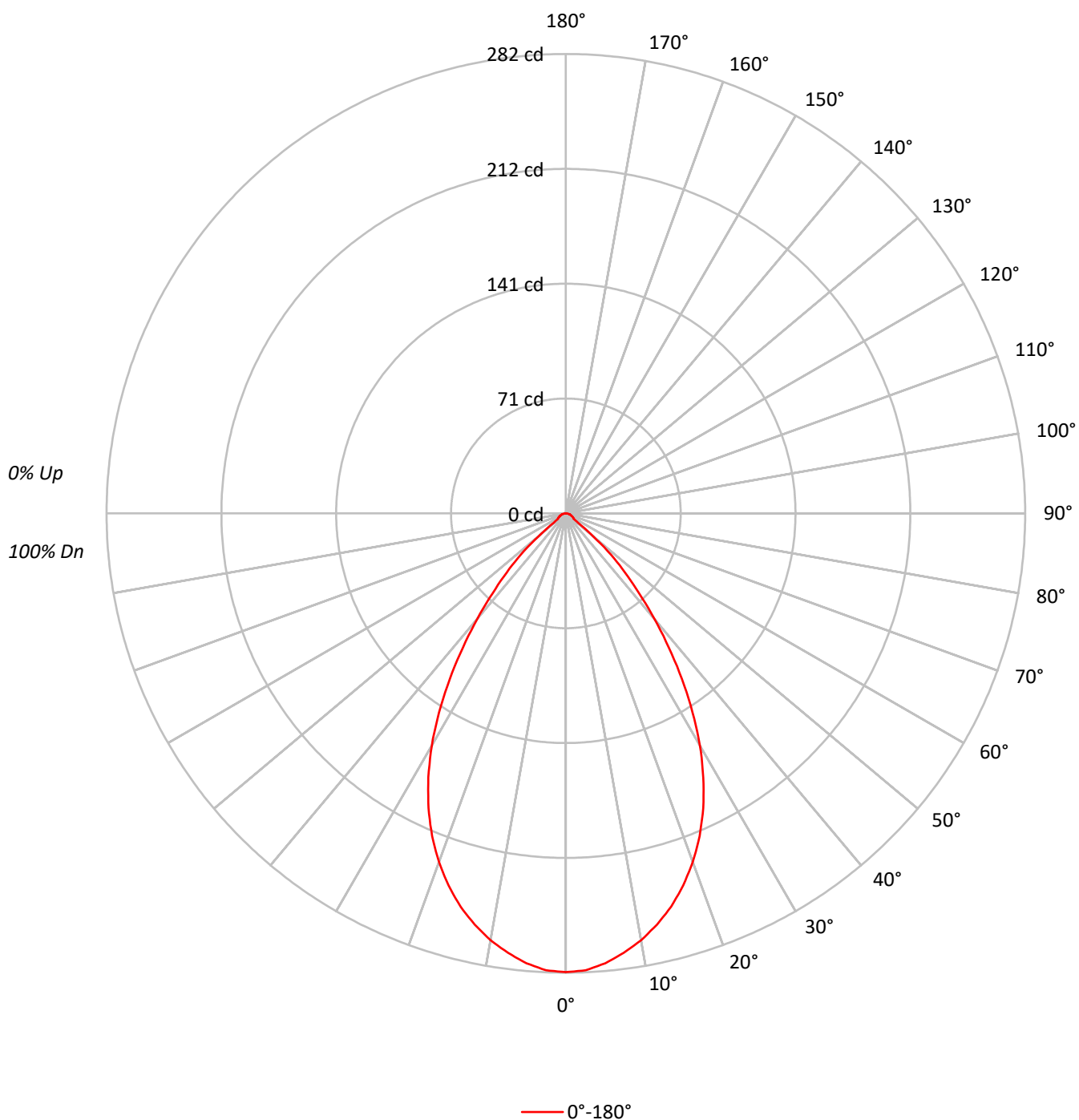
Lumens per Lamp: N/A
Luminaire Lumens: 319.0 lumens
Efficiency: N/A
Efficacy: 28.7 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1246708

CATALOG NUMBER: P3A09R709024DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1246708

CATALOG NUMBER: P3A09R709024DE010 E3DL1GPH

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	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	61749
5°	61017
10°	59251
15°	56731
20°	53158
25°	48293
30°	41703
35°	33247
40°	24217
45°	15909
50°	7471
55°	2294
60°	2237
65°	2127
70°	2052
75°	2118
80°	2020
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15909 cd/sqm

TEST NUMBER: P1246708

CATALOG NUMBER: P3A09R709024DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.1	8.2
10°-20°	70.0	21.9
20°-30°	90.9	28.5
30°-40°	77.2	24.2
40°-50°	39.8	12.5
50°-60°	7.7	2.4
60°-70°	4.2	1.3
70°-80°	2.6	0.8
80°-90°	0.7	0.2
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°	187.0	58.6
0°-40°	264.1	82.8
0°-60°	311.6	97.7
0°-90°	319.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	319.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	282	
5°	277	26
15°	250	70
25°	200	91
35°	124	77
45°	51	40
55°	6	8
65°	4	4
75°	2	3
85°	1	1
90°	0	

TEST NUMBER: P1246708

CATALOG NUMBER: P3A09R709024DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	281.6
2.5°	280.7
5°	277.2
7.5°	272.1
10°	266.1
12.5°	258.5
15°	249.9
17.5°	239.5
20°	227.8
22.5°	214.5
25°	199.6
27.5°	182.8
30°	164.7
32.5°	144.8
35°	124.2
37.5°	103.9
40°	84.6
42.5°	66.5
45°	51.3
47.5°	37.7
50°	21.9
52.5°	9.5
55°	6.0
57.5°	5.7
60°	5.1
62.5°	4.8
65°	4.1
67.5°	3.8
70°	3.2
72.5°	2.9
75°	2.5
77.5°	1.9
80°	1.6
82.5°	1.0
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)