

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: P1245541

Luminaire Tested: P3A02R109024DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245541
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R109024DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R10 optic, 2400K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

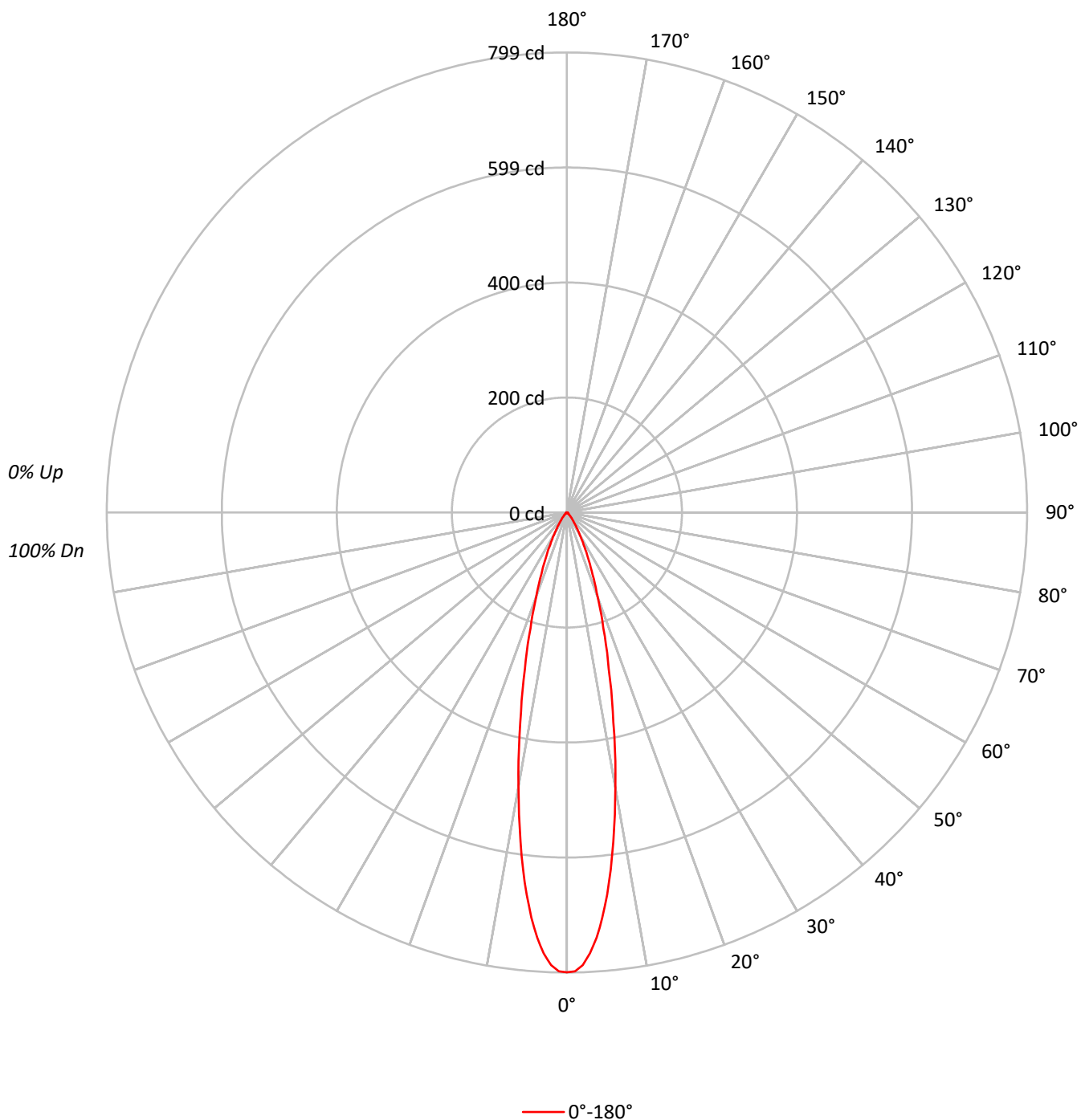
Lumens per Lamp: N/A
Luminaire Lumens: 205.0 lumens
Efficiency: N/A
Efficacy: 54.0 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.8
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: P1245541

CATALOG NUMBER: P3A02R109024DE010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1245541

CATALOG NUMBER: P3A02R109024DE010 E3DL1LI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	175118
5°	155448
10°	107947
15°	63837
20°	36356
25°	20783
30°	11495
35°	6130
40°	3378
45°	1830
50°	1160
55°	918
60°	789
65°	726
70°	641
75°	678
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1830 cd/sqm

TEST NUMBER: P1245541

CATALOG NUMBER: P3A02R109024DE010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.1	29.3
10°-20°	79.2	38.7
20°-30°	40.8	19.9
30°-40°	15.3	7.5
40°-50°	5.0	2.4
50°-60°	2.2	1.1
60°-70°	1.4	0.7
70°-80°	0.8	0.4
80°-90°	0.2	0.1
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°	180.1	87.8
0°-40°	195.4	95.3
0°-60°	202.6	98.8
0°-90°	205.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	205.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	799	
5°	706	60
15°	281	79
25°	86	41
35°	23	15
45°	6	5
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1245541

CATALOG NUMBER: P3A02R109024DE010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	798.6
1°	797.0
2°	786.6
3°	766.6
4°	740.4
5°	706.2
6°	667.5
7°	625.0
8°	577.8
9°	531.2
10°	484.8
12.5°	373.0
15°	281.2
17.5°	210.5
20°	155.8
22.5°	116.3
25°	85.9
27.5°	62.6
30°	45.4
32.5°	32.2
35°	22.9
37.5°	16.4
40°	11.8
42.5°	8.5
45°	5.9
47.5°	4.3
50°	3.4
52.5°	2.8
55°	2.4
57.5°	2.0
60°	1.8
62.5°	1.6
65°	1.4
67.5°	1.2
70°	1.0
72.5°	1.0
75°	0.8
77.5°	0.6
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.0
90°	0.0

(END OF REPORT)