

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: P1264571

Luminaire Tested: P3A09R159730DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264571
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R159730DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

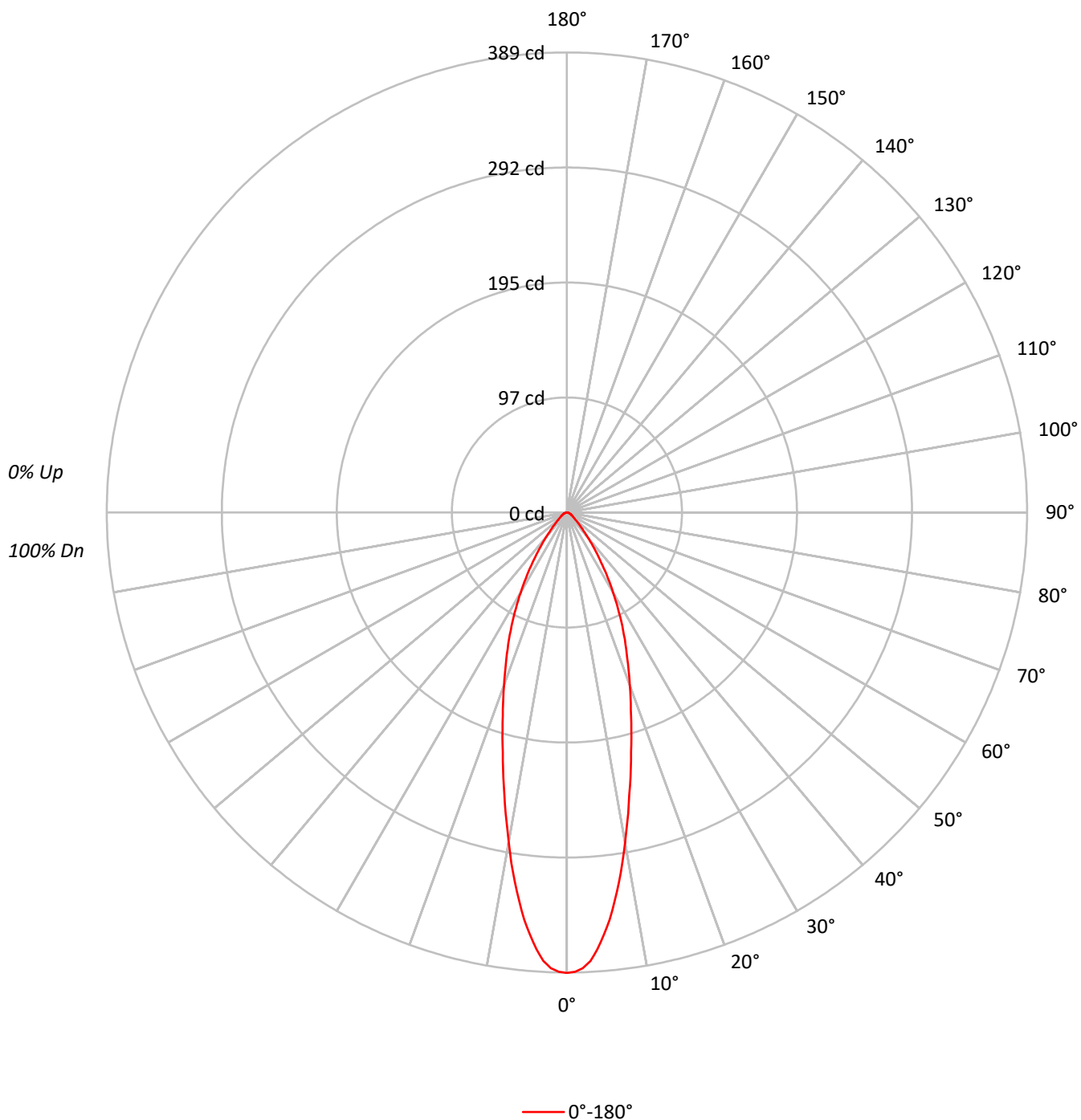
Lumens per Lamp: N/A
Luminaire Lumens: 198.0 lumens
Efficiency: N/A
Efficacy: 17.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264571

CATALOG NUMBER: P3A09R159730DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1264571

CATALOG NUMBER: P3A09R159730DE010 E3DLP1GPH

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	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	85388
5°	78912
10°	62991
15°	47583
20°	36240
25°	27606
30°	19775
35°	12903
40°	7929
45°	4776
50°	3173
55°	2447
60°	2105
65°	1816
70°	1667
75°	1610
80°	1263
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4776 cd/sqm

TEST NUMBER: P1264571

CATALOG NUMBER: P3A09R159730DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.8	16.0
10°-20°	58.6	29.6
20°-30°	52.2	26.3
30°-40°	30.9	15.6
40°-50°	12.7	6.4
50°-60°	5.9	3.0
60°-70°	3.6	1.8
70°-80°	1.9	1.0
80°-90°	0.5	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°	142.5	72.0
0°-40°	173.4	87.6
0°-60°	192.0	97.0
0°-90°	198.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	198.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	389	
5°	358	32
15°	210	59
25°	114	52
35°	48	31
45°	15	13
55°	6	6
65°	4	4
75°	2	2
85°	0	0
90°	0	

TEST NUMBER: P1264571

CATALOG NUMBER: P3A09R159730DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	389.4
1°	388.4
2°	385.5
3°	379.7
4°	370.1
5°	358.5
6°	346.0
7°	331.2
8°	315.7
9°	300.0
10°	282.9
12.5°	244.0
15°	209.6
17.5°	180.1
20°	155.3
22.5°	133.4
25°	114.1
27.5°	95.5
30°	78.1
32.5°	62.4
35°	48.2
37.5°	37.0
40°	27.7
42.5°	20.6
45°	15.4
47.5°	11.9
50°	9.3
52.5°	7.7
55°	6.4
57.5°	5.5
60°	4.8
62.5°	4.2
65°	3.5
67.5°	3.2
70°	2.6
72.5°	2.3
75°	1.9
77.5°	1.3
80°	1.0
82.5°	0.6
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)