

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: P1262180

Luminaire Tested: P3AS09R159727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262180
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: P3AS09R159727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

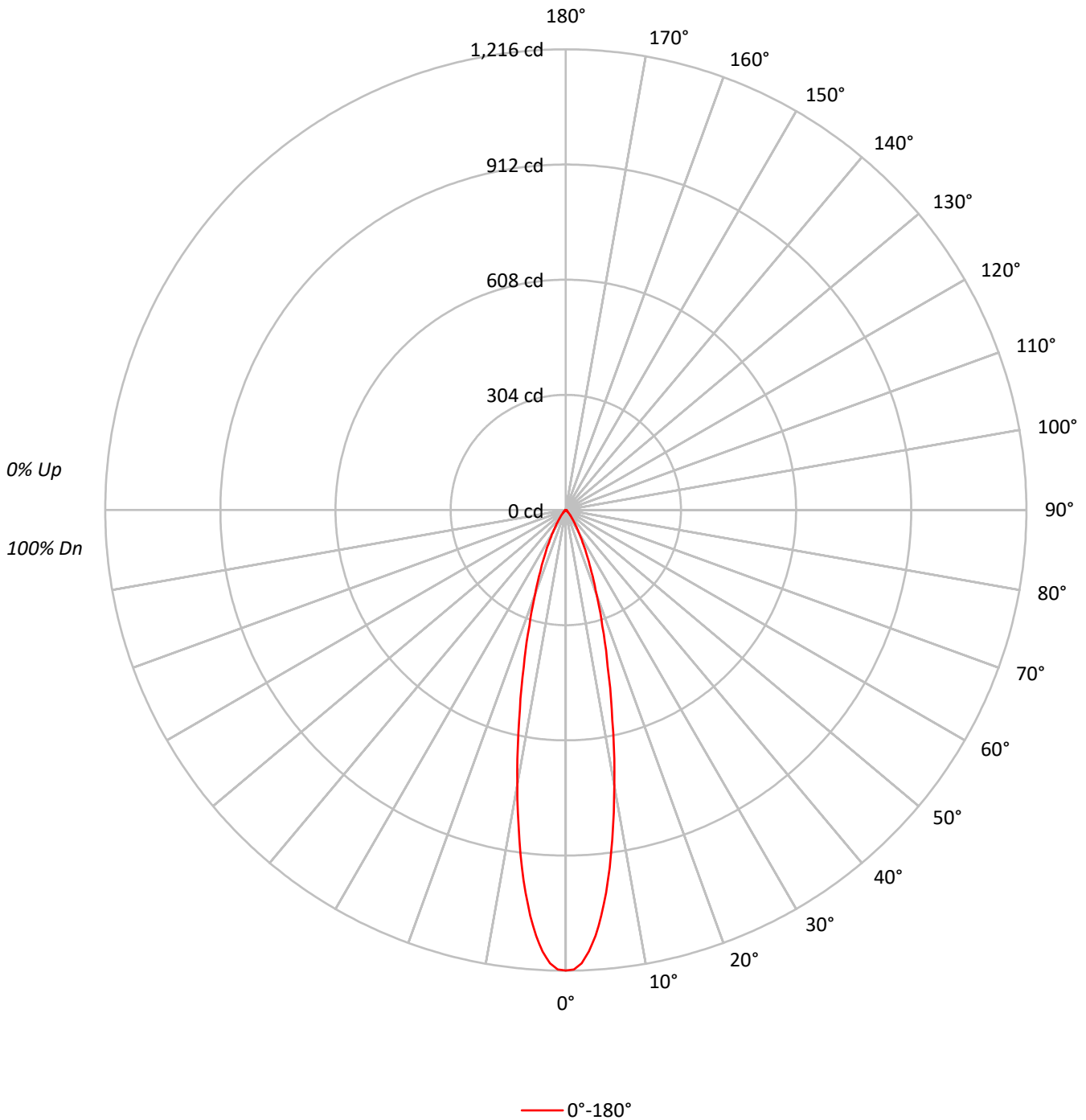
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 312.0 lumens
Efficiency: N/A
Efficacy: 28.1 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): 11.1
Input Voltage (V): NR
Input Current (A_{in}): 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

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Luminous Intensity Polar Plot





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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	266536
5°	236583
10°	164303
15°	97163
20°	55328
25°	31623
30°	17496
35°	9342
40°	5153
45°	2791
50°	1740
55°	1376
60°	1184
65°	1090
70°	962
75°	1017
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2791 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.4	29.3
10°-20°	120.6	38.7
20°-30°	62.1	19.9
30°-40°	23.3	7.5
40°-50°	7.6	2.4
50°-60°	3.3	1.1
60°-70°	2.1	0.7
70°-80°	1.2	0.4
80°-90°	0.3	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°	274.1	87.9
0°-40°	297.4	95.3
0°-60°	308.3	98.8
0°-90°	312.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	312.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1216	
5°	1075	91
15°	428	121
25°	131	62
35°	35	23
45°	9	8
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1215.5
1°	1213.1
2°	1197.1
3°	1166.8
4°	1126.8
5°	1074.8
6°	1015.9
7°	951.3
8°	879.4
9°	808.5
10°	737.9
12.5°	567.8
15°	428.0
17.5°	320.4
20°	237.1
22.5°	177.0
25°	130.7
27.5°	95.3
30°	69.1
32.5°	49.0
35°	34.9
37.5°	24.9
40°	18.0
42.5°	12.9
45°	9.0
47.5°	6.6
50°	5.1
52.5°	4.2
55°	3.6
57.5°	3.0
60°	2.7
62.5°	2.4
65°	2.1
67.5°	1.8
70°	1.5
72.5°	1.5
75°	1.2
77.5°	0.9
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)