

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: P1273583

Luminaire Tested: P3AS09R159830DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273583
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: P3AS09R159830DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

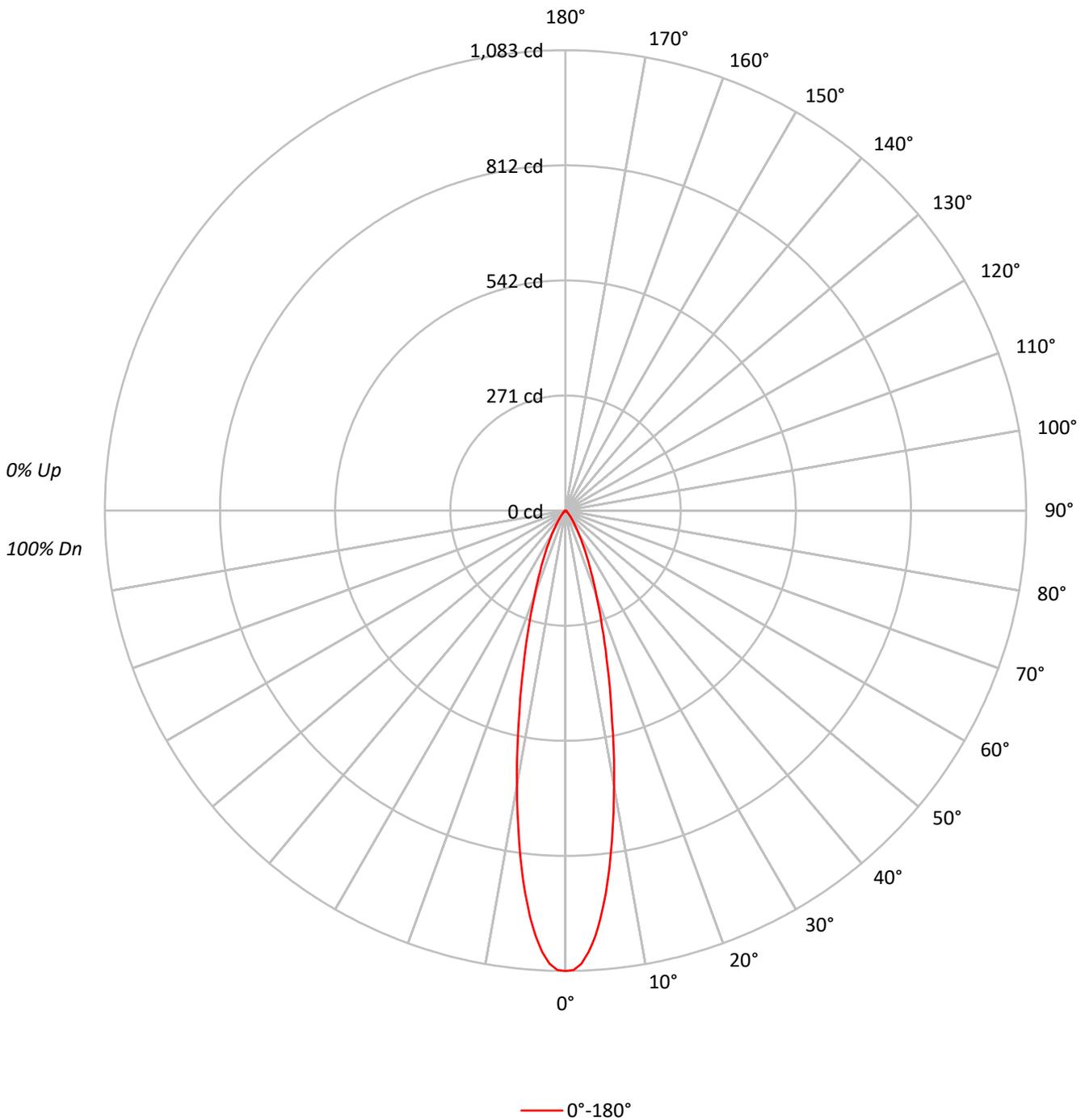
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 278.0 lumens
Efficiency: N/A
Efficacy: 25.3 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
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: P1273583
CATALOG NUMBER: P3AS09R159830DE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1273583

CATALOG NUMBER: P3AS09R159830DE010 E3DL1GPH

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°	237481
5°	210807
10°	146401
15°	86584
20°	49308
25°	28187
30°	15597
35°	8325
40°	4609
45°	2481
50°	1569
55°	1223
60°	1053
65°	986
70°	833
75°	932
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2481 cd/sqm



TEST NUMBER: P1273583
 CATALOG NUMBER: P3AS09R159830DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.4	29.3
10°-20°	107.5	38.7
20°-30°	55.3	19.9
30°-40°	20.8	7.5
40°-50°	6.8	2.4
50°-60°	2.9	1.1
60°-70°	1.8	0.7
70°-80°	1.1	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°	244.3	87.9
0°-40°	265.0	95.3
0°-60°	274.8	98.8
0°-90°	278.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	278.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1083	
5°	958	81
15°	381	107
25°	116	55
35°	31	21
45°	8	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1273583
CATALOG NUMBER: P3AS09R159830DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1083.0
1°	1080.9
2°	1066.7
3°	1039.6
4°	1004.0
5°	957.7
6°	905.2
7°	847.6
8°	783.6
9°	720.4
10°	657.5
12.5°	505.9
15°	381.4
17.5°	285.5
20°	211.3
22.5°	157.7
25°	116.5
27.5°	84.9
30°	61.6
32.5°	43.7
35°	31.1
37.5°	22.2
40°	16.1
42.5°	11.5
45°	8.0
47.5°	5.9
50°	4.6
52.5°	3.7
55°	3.2
57.5°	2.7
60°	2.4
62.5°	2.1
65°	1.9
67.5°	1.6
70°	1.3
72.5°	1.3
75°	1.1
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)