

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: P1262212

Luminaire Tested: P3AS09R209727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262212
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R209727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

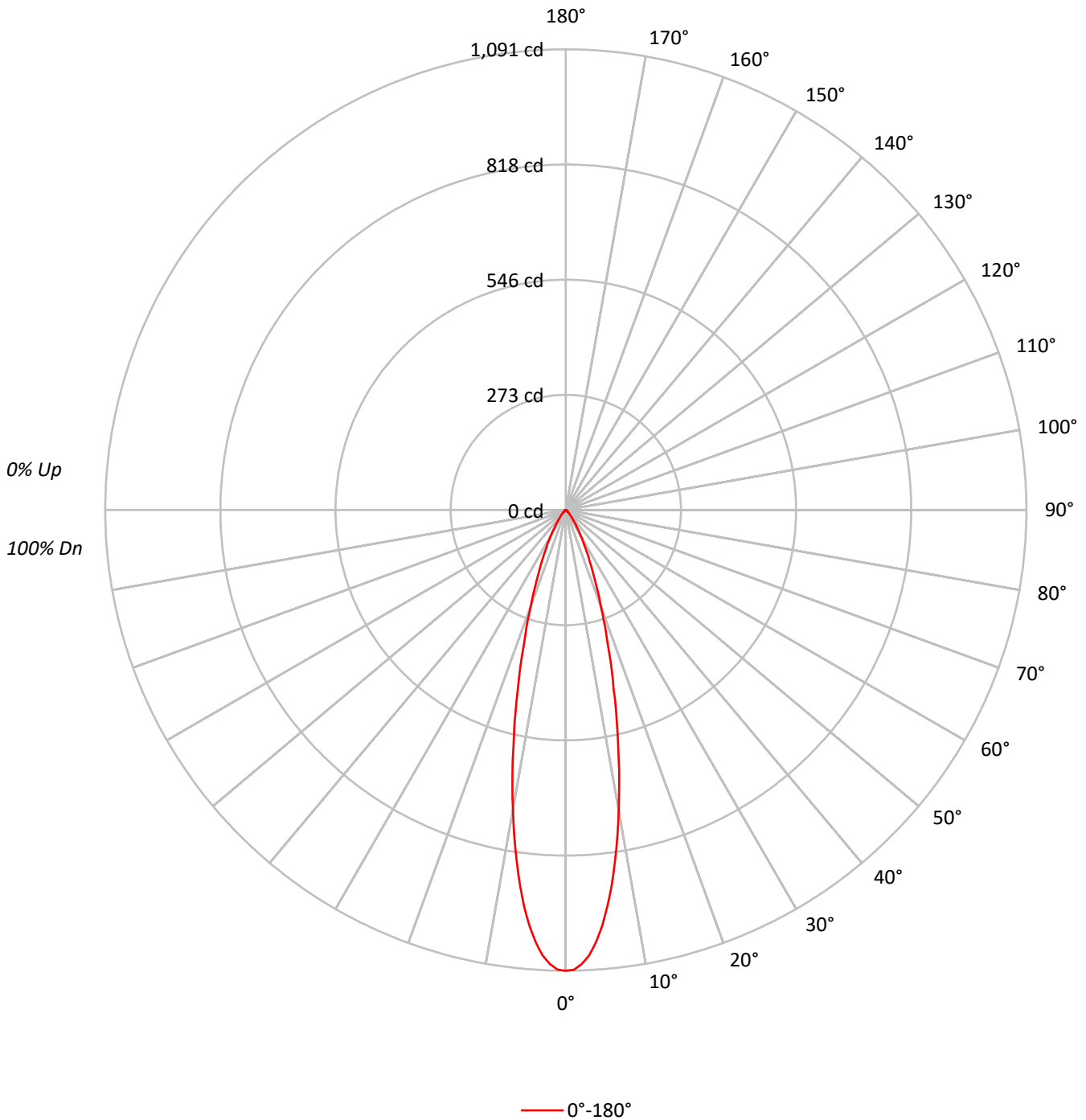
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 311.0 lumens
Efficiency: N/A
Efficacy: 28.0 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
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: P1262212
CATALOG NUMBER: P3AS09R209727DE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1262212
 CATALOG NUMBER: P3AS09R209727DE010 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
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	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91		
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87		
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83		
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79		
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76		
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73		
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71		
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68		
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	239279
5°	217499
10°	160763
15°	99433
20°	56798
25°	32421
30°	18180
35°	9905
40°	5410
45°	2977
50°	1740
55°	1262
60°	1184
65°	1090
70°	962
75°	1017
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2977 cd/sqm



TEST NUMBER: P1262212
 CATALOG NUMBER: P3AS09R209727DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.6	27.5
10°-20°	122.2	39.3
20°-30°	63.8	20.5
30°-40°	24.7	7.9
40°-50°	8.0	2.6
50°-60°	3.1	1.0
60°-70°	2.1	0.7
70°-80°	1.2	0.4
80°-90°	0.4	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°	271.5	87.3
0°-40°	296.1	95.2
0°-60°	307.3	98.8
0°-90°	311.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	311.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1091	
5°	988	86
15°	438	122
25°	134	64
35°	37	25
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1262212
CATALOG NUMBER: P3AS09R209727DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1091.2
1°	1089.1
2°	1076.2
3°	1056.3
4°	1025.7
5°	988.1
6°	943.7
7°	894.4
8°	837.3
9°	781.7
10°	722.0
12.5°	573.8
15°	438.0
17.5°	327.8
20°	243.4
22.5°	180.3
25°	134.0
27.5°	98.8
30°	71.8
32.5°	52.0
35°	37.0
37.5°	26.7
40°	18.9
42.5°	13.5
45°	9.6
47.5°	6.9
50°	5.1
52.5°	3.9
55°	3.3
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°	0.3
90°	0.0

(END OF REPORT)