

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: P1274167

Luminaire Tested: P3A13R559830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274167
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R559830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

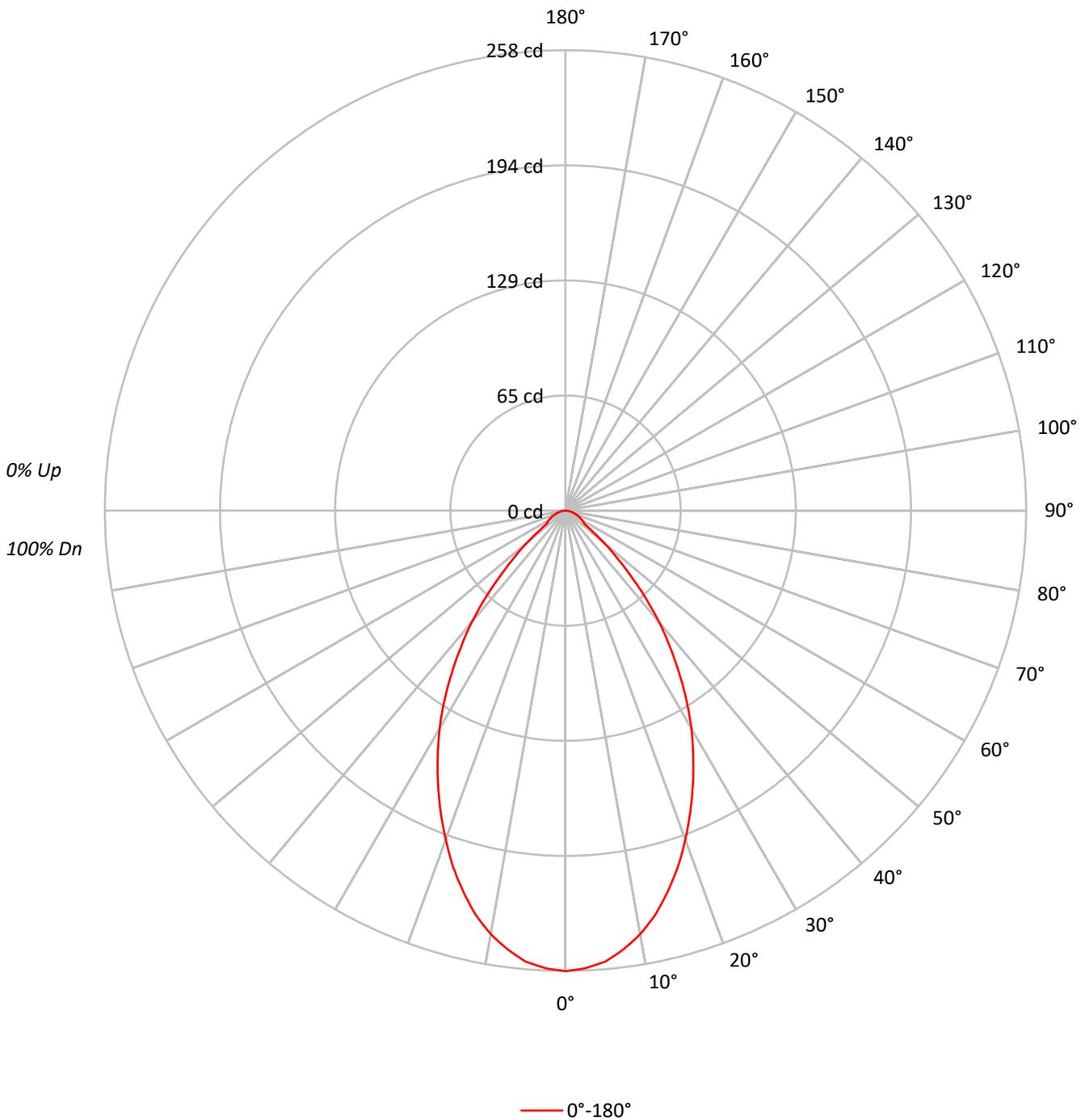
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 301.0 lumens
Efficiency: N/A
Efficacy: 20.8 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1274167
CATALOG NUMBER: P3A13R559830DE010 E3DLD1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1274167
 CATALOG NUMBER: P3A13R559830DE010 E3DLD1GPH

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			
1	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91			
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			
8	73	62	55	51	72	62	55	51	60	54	50	59	54	50	58	53	50	48			
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	56596
5°	55866
10°	53662
15°	50193
20°	45784
25°	40865
30°	35727
35°	29687
40°	23415
45°	15878
50°	9688
55°	5046
60°	4693
65°	4410
70°	4103
75°	3643
80°	3536
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15878 cd/sqm



TEST NUMBER: P1274167

CATALOG NUMBER: P3A13R559830DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.8	7.9
10°-20°	61.8	20.5
20°-30°	77.4	25.7
30°-40°	69.1	23.0
40°-50°	40.5	13.4
50°-60°	14.0	4.6
60°-70°	8.4	2.8
70°-80°	4.7	1.6
80°-90°	1.4	0.5
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°	163.0	54.1
0°-40°	232.1	77.1
0°-60°	286.5	95.2
0°-90°	301.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	301.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	258	
5°	254	24
15°	221	62
25°	169	77
35°	111	69
45°	51	40
55°	13	14
65°	8	8
75°	4	5
85°	1	1
90°	0	



TEST NUMBER: P1274167
CATALOG NUMBER: P3A13R559830DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	258.1
2.5°	256.7
5°	253.8
7.5°	248.1
10°	241.0
12.5°	232.1
15°	221.1
17.5°	209.4
20°	196.2
22.5°	182.7
25°	168.9
27.5°	155.0
30°	141.1
32.5°	126.2
35°	110.9
37.5°	96.0
40°	81.8
42.5°	66.5
45°	51.2
47.5°	39.1
50°	28.4
52.5°	18.5
55°	13.2
57.5°	11.7
60°	10.7
62.5°	9.6
65°	8.5
67.5°	7.5
70°	6.4
72.5°	5.3
75°	4.3
77.5°	3.6
80°	2.8
82.5°	1.8
85°	1.1
87.5°	0.7
90°	0.0

(END OF REPORT)