

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: P1265209

Luminaire Tested: P3A13R559730DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265209
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: P3A13R559730DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

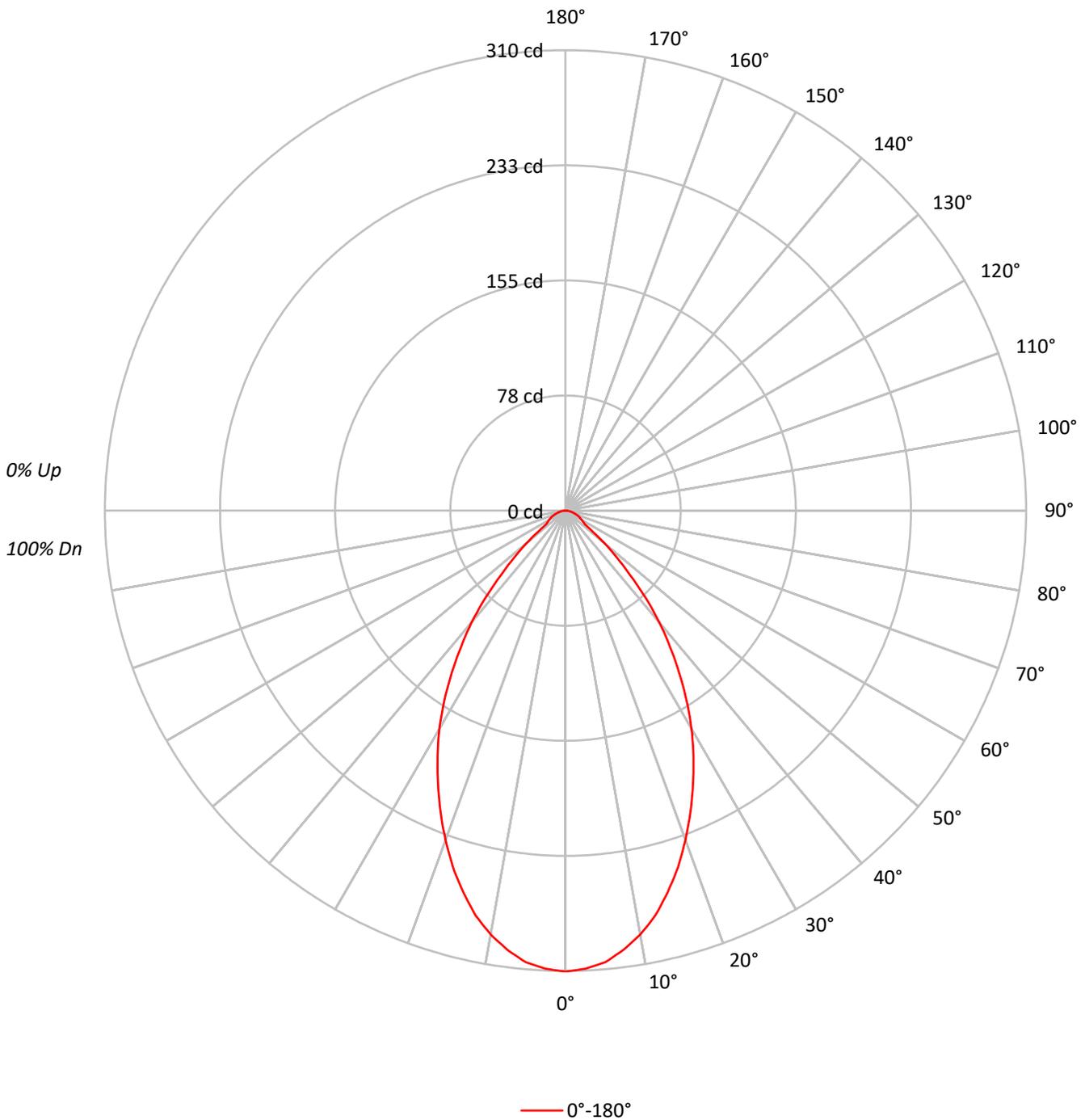
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 362.0 lumens
Efficiency: N/A
Efficacy: 24.8 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): 14.6
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

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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
1	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91				91
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82				82
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74				74
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68				68
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62				62
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57				57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52				52
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48				48
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45				45
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42				42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	68065
5°	67202
10°	64550
15°	60364
20°	55071
25°	49140
30°	42969
35°	35710
40°	28138
45°	19103
50°	11667
55°	6040
60°	5614
65°	5344
70°	4937
75°	4321
80°	4293
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19103 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.6	7.9
10°-20°	74.3	20.5
20°-30°	93.1	25.7
30°-40°	83.1	23.0
40°-50°	48.7	13.4
50°-60°	16.8	4.6
60°-70°	10.2	2.8
70°-80°	5.6	1.6
80°-90°	1.6	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°	196.0	54.2
0°-40°	279.1	77.1
0°-60°	344.6	95.2
0°-90°	362.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	362.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	310	
5°	305	29
15°	266	74
25°	203	93
35°	133	83
45°	62	49
55°	16	17
65°	10	10
75°	5	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	310.4
2.5°	308.7
5°	305.3
7.5°	298.4
10°	289.9
12.5°	279.2
15°	265.9
17.5°	251.8
20°	236.0
22.5°	219.8
25°	203.1
27.5°	186.4
30°	169.7
32.5°	151.8
35°	133.4
37.5°	115.4
40°	98.3
42.5°	80.0
45°	61.6
47.5°	47.0
50°	34.2
52.5°	22.2
55°	15.8
57.5°	14.1
60°	12.8
62.5°	11.5
65°	10.3
67.5°	9.0
70°	7.7
72.5°	6.4
75°	5.1
77.5°	4.3
80°	3.4
82.5°	2.1
85°	1.3
87.5°	0.9
90°	0.0

(END OF REPORT)