

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: P1269967

Luminaire Tested: P3A13R559740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269967
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: P3A13R559740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

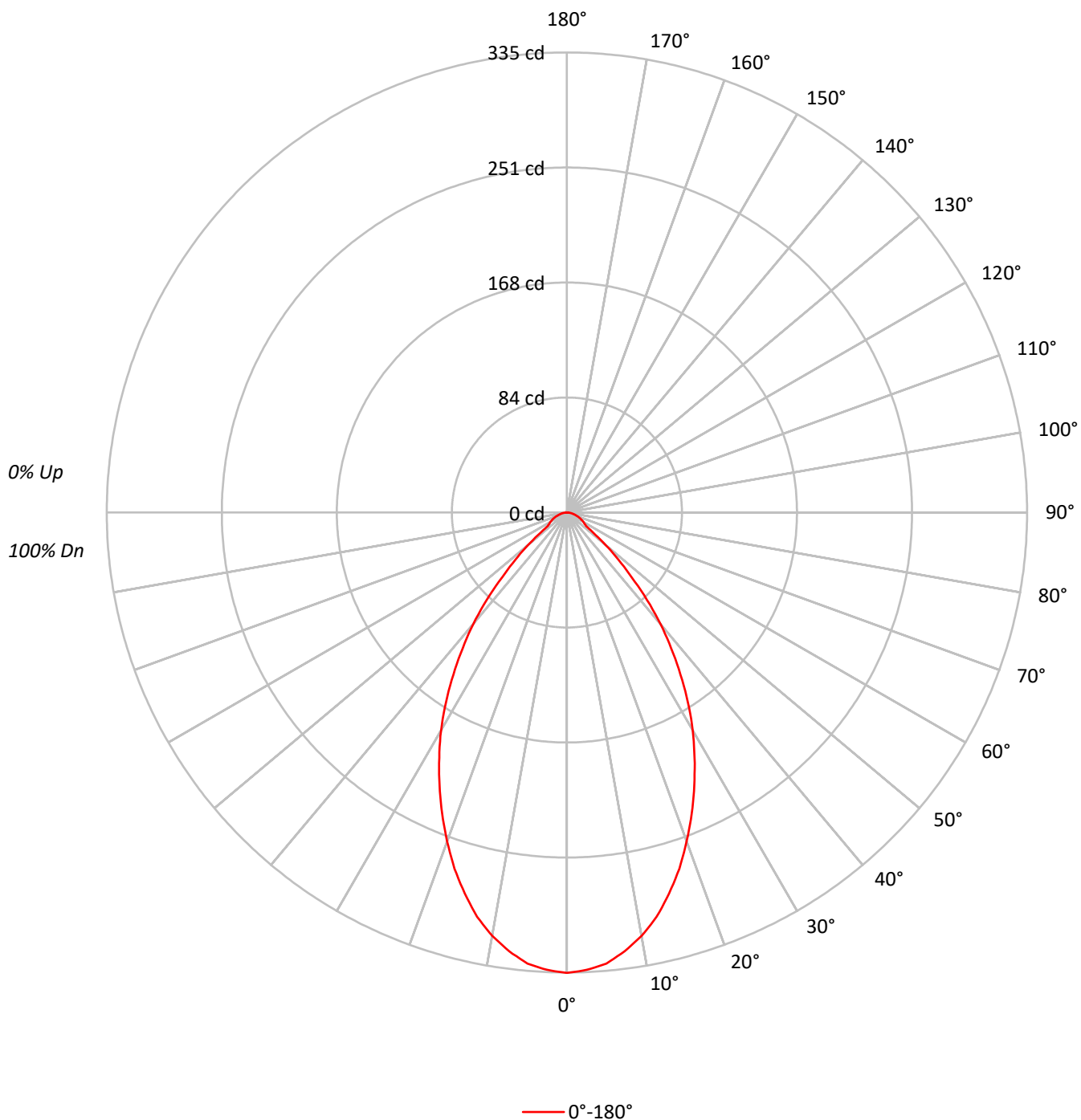
Lumens per Lamp: N/A
Luminaire Lumens: 391.0 lumens
Efficiency: N/A
Efficacy: 26.8 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	102	103	100	98		99	97	96		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	73525
5°	72573
10°	69716
15°	65199
20°	59482
25°	53084
30°	46412
35°	38574
40°	30400
45°	20622
50°	12588
55°	6537
60°	6096
65°	5759
70°	5321
75°	4660
80°	4672
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20622 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.9	7.9
10°-20°	80.3	20.5
20°-30°	100.5	25.7
30°-40°	89.7	23.0
40°-50°	52.6	13.4
50°-60°	18.1	4.6
60°-70°	11.0	2.8
70°-80°	6.1	1.6
80°-90°	1.8	0.4
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°	211.7	54.2
0°-40°	301.5	77.1
0°-60°	372.2	95.2
0°-90°	391.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	391.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	335	
5°	330	31
15°	287	80
25°	219	101
35°	144	90
45°	66	53
55°	17	18
65°	11	11
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	335.3
2.5°	333.4
5°	329.7
7.5°	322.3
10°	313.1
12.5°	301.6
15°	287.2
17.5°	272.0
20°	254.9
22.5°	237.4
25°	219.4
27.5°	201.3
30°	183.3
32.5°	163.9
35°	144.1
37.5°	124.7
40°	106.2
42.5°	86.4
45°	66.5
47.5°	50.8
50°	36.9
52.5°	24.0
55°	17.1
57.5°	15.2
60°	13.9
62.5°	12.5
65°	11.1
67.5°	9.7
70°	8.3
72.5°	6.9
75°	5.5
77.5°	4.6
80°	3.7
82.5°	2.3
85°	1.4
87.5°	0.9
90°	0.0

(END OF REPORT)