

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: P1268565

Luminaire Tested: P3A02R209740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268565
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R209740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

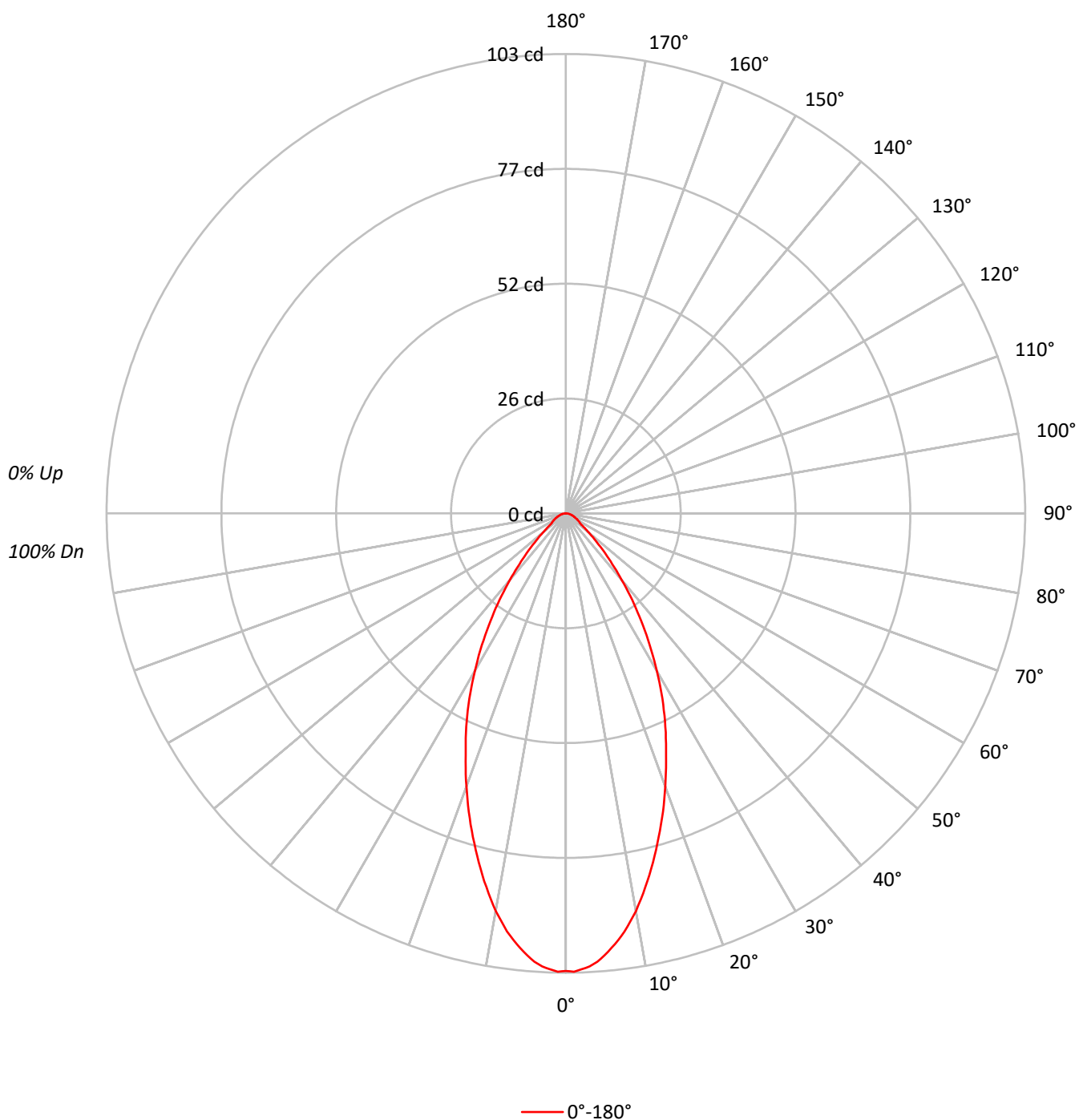
Lumens per Lamp: N/A
Luminaire Lumens: 91.0 lumens
Efficiency: N/A
Efficacy: 25.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	22498
5°	21902
10°	20151
15°	17730
20°	15215
25°	12775
30°	10331
35°	7870
40°	5582
45°	3690
50°	2286
55°	1491
60°	1360
65°	1245
70°	1154
75°	1101
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3690 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.2	10.1
10°-20°	21.8	23.9
20°-30°	24.1	26.5
30°-40°	18.4	20.3
40°-50°	9.4	10.4
50°-60°	3.9	4.3
60°-70°	2.4	2.7
70°-80°	1.3	1.5
80°-90°	0.4	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°	55.1	60.6
0°-40°	73.5	80.8
0°-60°	86.8	95.5
0°-90°	91.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	91.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	103	
5°	100	9
15°	78	22
25°	53	24
35°	29	18
45°	12	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	102.6
1°	102.8
2°	102.3
3°	101.7
4°	100.8
5°	99.5
6°	98.0
7°	96.4
8°	94.7
9°	92.6
10°	90.5
12.5°	84.5
15°	78.1
17.5°	71.7
20°	65.2
22.5°	58.7
25°	52.8
27.5°	46.9
30°	40.8
32.5°	35.0
35°	29.4
37.5°	24.4
40°	19.5
42.5°	15.4
45°	11.9
47.5°	9.0
50°	6.7
52.5°	5.0
55°	3.9
57.5°	3.6
60°	3.1
62.5°	2.8
65°	2.4
67.5°	2.1
70°	1.8
72.5°	1.5
75°	1.3
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.3
87.5°	0.1
90°	0.0

(END OF REPORT)