

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: P1264596

Luminaire Tested: P3A09R209730DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264596
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: P3A09R209730DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

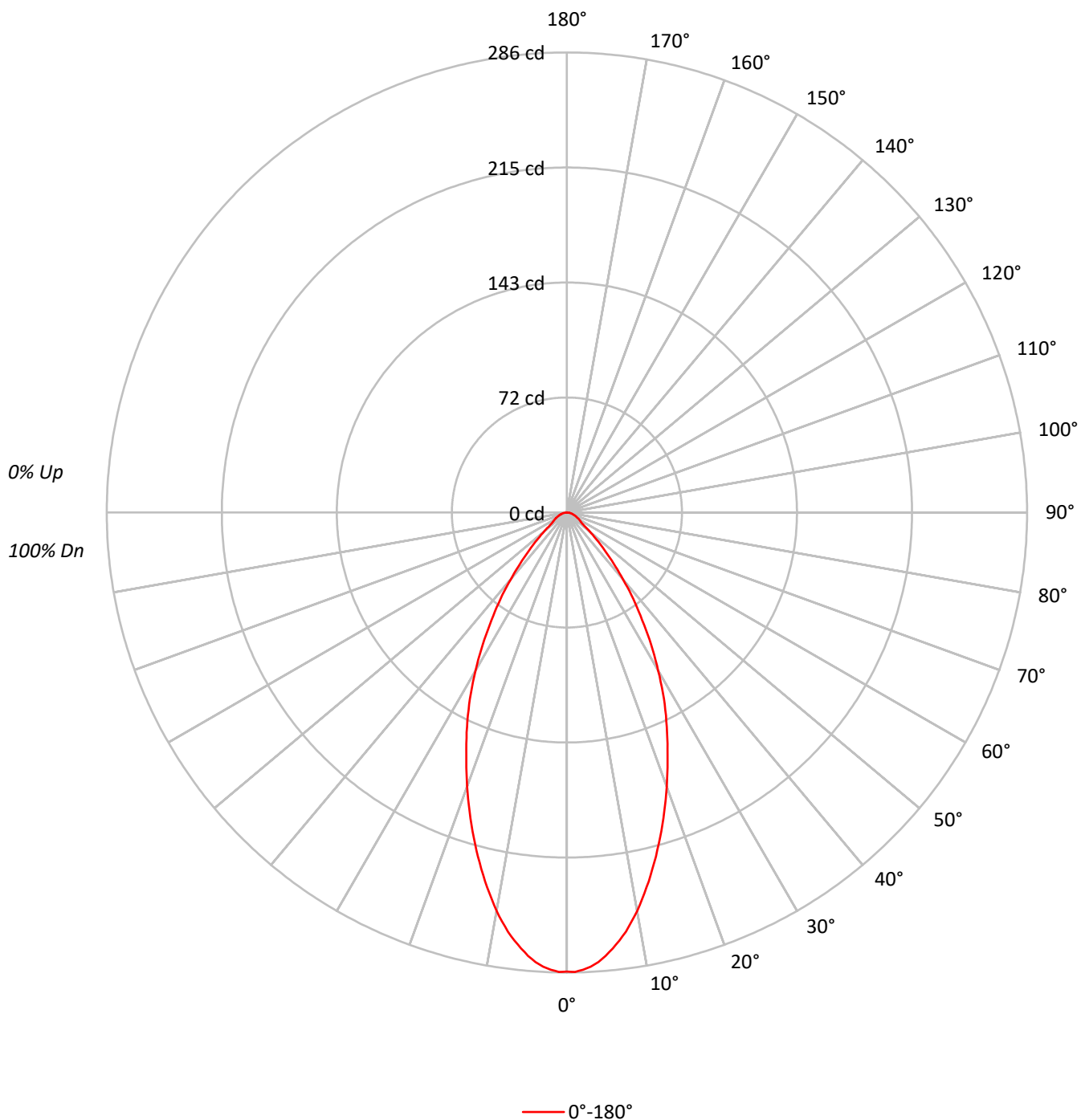
Lumens per Lamp: N/A
Luminaire Lumens: 253.0 lumens
Efficiency: N/A
Efficacy: 22.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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	72		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°	62583
5°	60907
10°	56022
15°	49331
20°	42307
25°	35542
30°	28713
35°	21844
40°	15543
45°	10265
50°	6345
55°	4167
60°	3815
65°	3476
70°	3270
75°	2965
80°	2778
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10265 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.6	10.1
10°-20°	60.5	23.9
20°-30°	67.1	26.5
30°-40°	51.2	20.2
40°-50°	26.2	10.4
50°-60°	10.8	4.3
60°-70°	6.7	2.6
70°-80°	3.8	1.5
80°-90°	1.1	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°	153.2	60.6
0°-40°	204.4	80.8
0°-60°	241.4	95.4
0°-90°	253.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	253.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	285	
5°	277	26
15°	217	60
25°	147	67
35°	82	51
45°	33	26
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	285.4
1°	285.7
2°	284.4
3°	282.8
4°	280.2
5°	276.7
6°	272.5
7°	268.0
8°	263.2
9°	257.4
10°	251.6
12.5°	234.9
15°	217.3
17.5°	199.3
20°	181.3
22.5°	163.3
25°	146.9
27.5°	130.5
30°	113.4
32.5°	97.4
35°	81.6
37.5°	67.8
40°	54.3
42.5°	42.7
45°	33.1
47.5°	25.1
50°	18.6
52.5°	13.8
55°	10.9
57.5°	10.0
60°	8.7
62.5°	7.7
65°	6.7
67.5°	5.8
70°	5.1
72.5°	4.2
75°	3.5
77.5°	2.9
80°	2.2
82.5°	1.6
85°	1.0
87.5°	0.3
90°	0.0

(END OF REPORT)