

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: P1273851

Luminaire Tested: P3A09R609830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273851
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R609830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

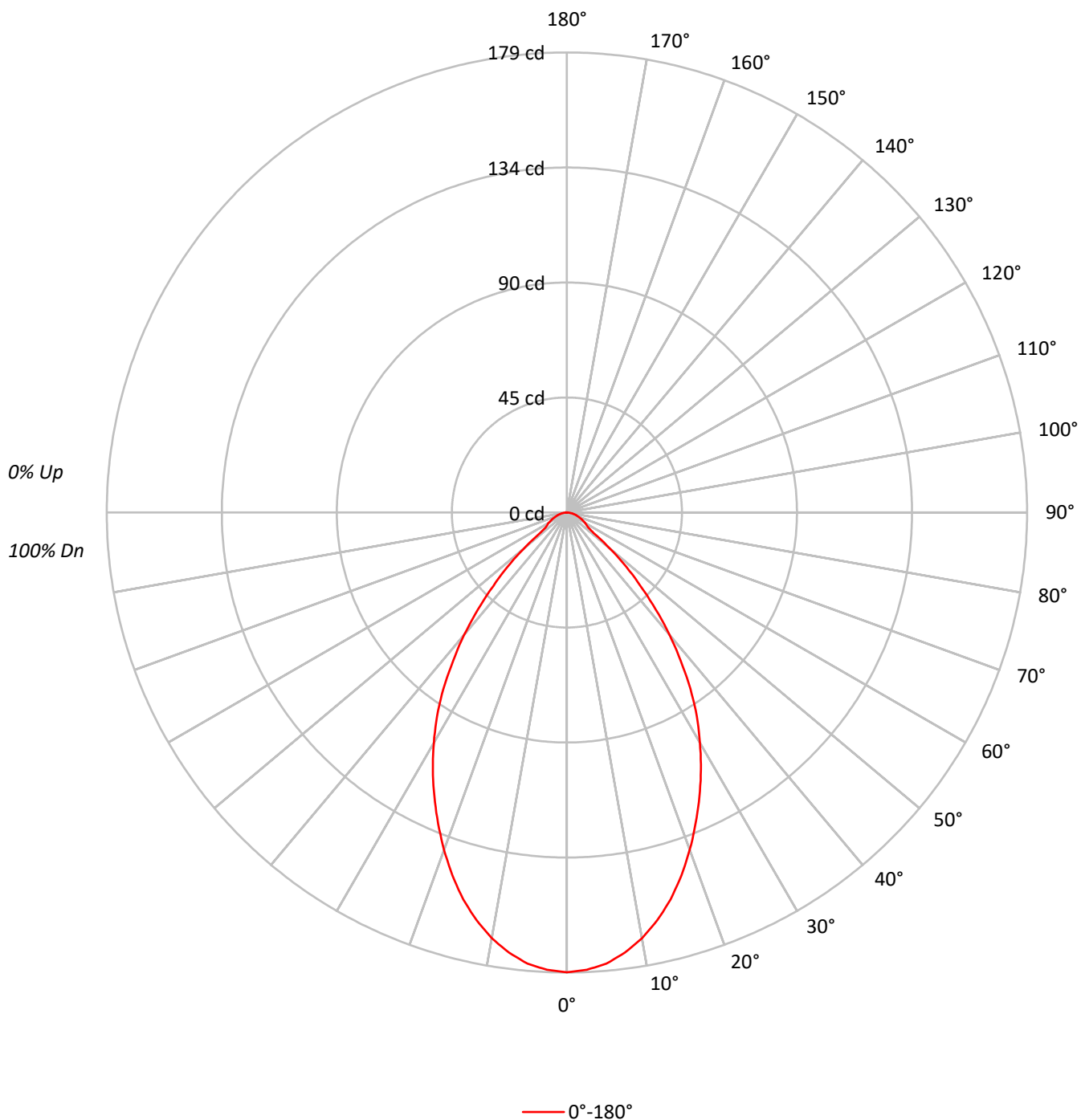
Lumens per Lamp: N/A
Luminaire Lumens: 220.9 lumens
Efficiency: N/A
Efficacy: 20.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	101	102	100	98		99	97	95		95
2	105	99	94	90	103	98	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	91	82	76	71	80	75	71		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39229
5°	38785
10°	37452
15°	35369
20°	32600
25°	29518
30°	26207
35°	22406
40°	17805
45°	12559
50°	7505
55°	3785
60°	3640
65°	3321
70°	3077
75°	2965
80°	2652
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12559 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.6	7.5
10°-20°	43.5	19.7
20°-30°	55.9	25.3
30°-40°	51.8	23.5
40°-50°	31.6	14.3
50°-60°	10.5	4.8
60°-70°	6.4	2.9
70°-80°	3.6	1.6
80°-90°	1.0	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°	116.0	52.5
0°-40°	167.9	76.0
0°-60°	209.9	95.0
0°-90°	220.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	220.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	179	
5°	176	17
15°	156	44
25°	122	56
35°	84	52
45°	40	32
55°	10	10
65°	6	6
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	178.9
2.5°	178.1
5°	176.2
7.5°	172.7
10°	168.2
12.5°	162.5
15°	155.8
17.5°	148.1
20°	139.7
22.5°	130.9
25°	122.0
27.5°	112.9
30°	103.5
32.5°	94.1
35°	83.7
37.5°	72.7
40°	62.2
42.5°	51.2
45°	40.5
47.5°	31.4
50°	22.0
52.5°	13.1
55°	9.9
57.5°	9.1
60°	8.3
62.5°	7.2
65°	6.4
67.5°	5.6
70°	4.8
72.5°	4.0
75°	3.5
77.5°	2.7
80°	2.1
82.5°	1.3
85°	0.8
87.5°	0.5
90°	0.0

(END OF REPORT)