

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: P1273880

Luminaire Tested: P3A09R659830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273880
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R659830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

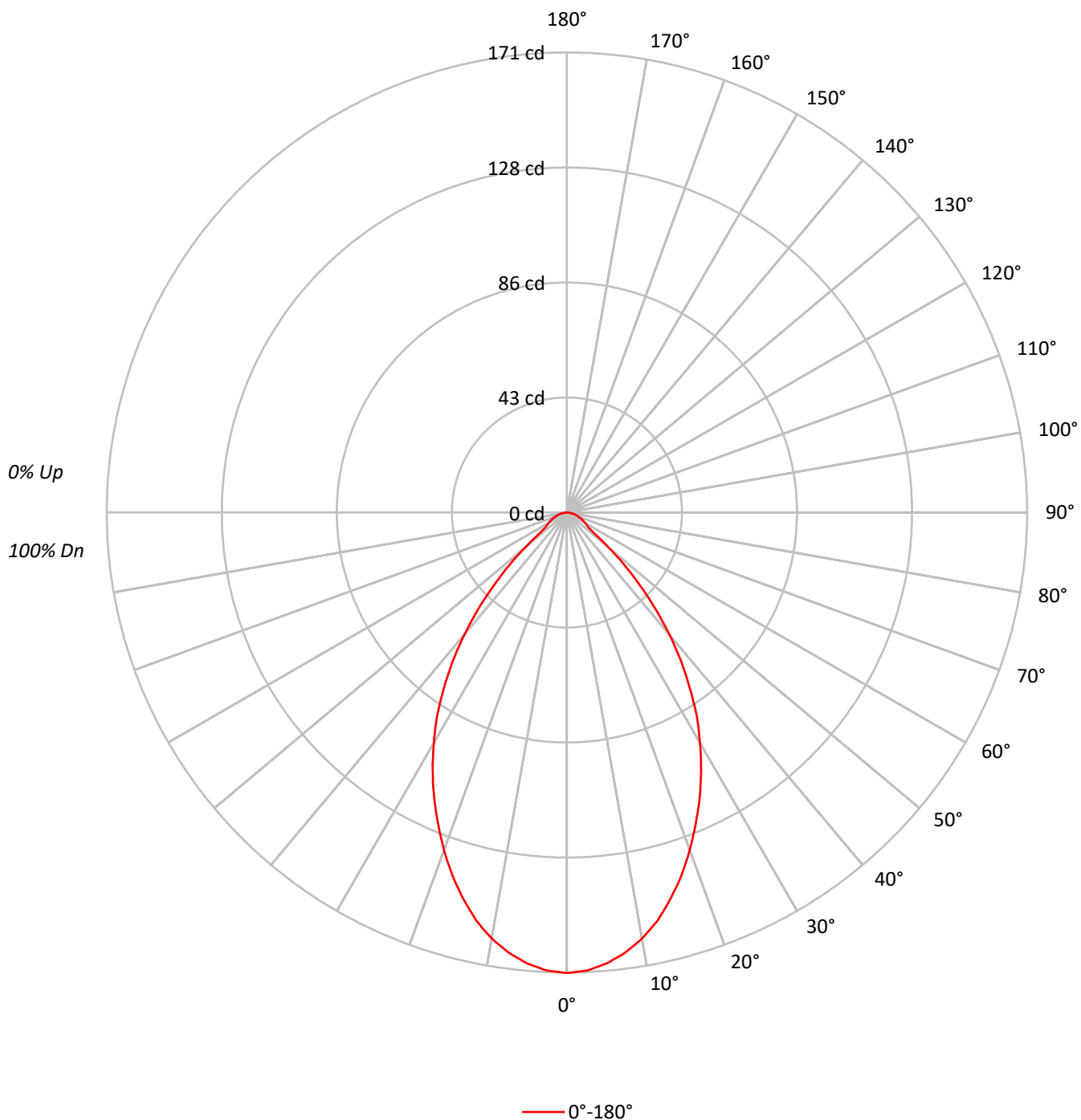
Lumens per Lamp: N/A
Luminaire Lumens: 211.0 lumens
Efficiency: N/A
Efficacy: 19.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	97	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	90	82	76	71	80	75	70		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°	37541
5°	37046
10°	35804
15°	33757
20°	31153
25°	28260
30°	25042
35°	21308
40°	16946
45°	11970
50°	6959
55°	3785
60°	3508
65°	3217
70°	2949
75°	2711
80°	2399
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11970 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.8	7.5
10°-20°	41.6	19.7
20°-30°	53.5	25.3
30°-40°	49.5	23.4
40°-50°	29.9	14.2
50°-60°	10.2	4.8
60°-70°	6.2	2.9
70°-80°	3.5	1.6
80°-90°	1.0	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°	110.9	52.6
0°-40°	160.4	76.0
0°-60°	200.4	95.0
0°-90°	211.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	211.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	171	
5°	168	16
15°	149	42
25°	117	53
35°	80	49
45°	39	30
55°	10	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	171.2
2.5°	170.4
5°	168.3
7.5°	165.1
10°	160.8
12.5°	155.4
15°	148.7
17.5°	141.5
20°	133.5
22.5°	125.1
25°	116.8
27.5°	108.0
30°	98.9
32.5°	89.8
35°	79.6
37.5°	69.7
40°	59.2
42.5°	48.8
45°	38.6
47.5°	29.2
50°	20.4
52.5°	12.9
55°	9.9
57.5°	8.8
60°	8.0
62.5°	7.0
65°	6.2
67.5°	5.4
70°	4.6
72.5°	4.0
75°	3.2
77.5°	2.7
80°	1.9
82.5°	1.3
85°	0.8
87.5°	0.5
90°	0.0

(END OF REPORT)