

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: P1266446

Luminaire Tested: P3A02R659735DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266446
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: P3A02R659735DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

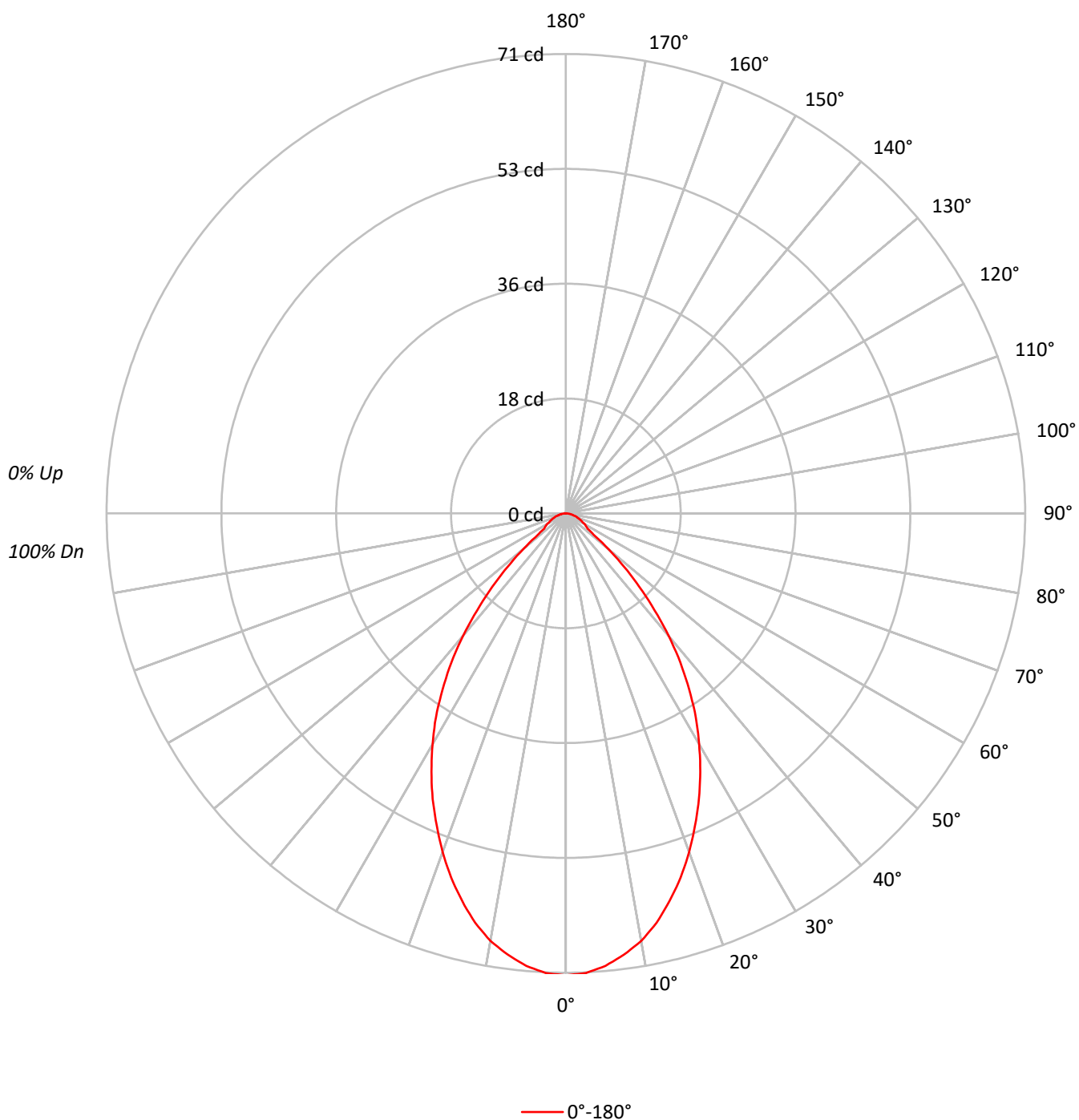
Lumens per Lamp: N/A
Luminaire Lumens: 88.0 lumens
Efficiency: N/A
Efficacy: 24.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	15657
5°	15452
10°	14941
15°	14075
20°	12998
25°	11783
30°	10432
35°	8887
40°	7070
45°	4993
50°	2900
55°	1567
60°	1491
65°	1349
70°	1218
75°	1101
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4993 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.6	7.5
10°-20°	17.4	19.7
20°-30°	22.3	25.3
30°-40°	20.6	23.4
40°-50°	12.5	14.2
50°-60°	4.3	4.8
60°-70°	2.6	2.9
70°-80°	1.4	1.6
80°-90°	0.4	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°	46.2	52.6
0°-40°	66.9	76.0
0°-60°	83.6	95.0
0°-90°	88.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	88.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	71	
5°	70	7
15°	62	17
25°	49	22
35°	33	21
45°	16	12
55°	4	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	71.4
2.5°	71.1
5°	70.2
7.5°	68.8
10°	67.1
12.5°	64.8
15°	62.0
17.5°	59.0
20°	55.7
22.5°	52.2
25°	48.7
27.5°	45.0
30°	41.2
32.5°	37.4
35°	33.2
37.5°	29.1
40°	24.7
42.5°	20.3
45°	16.1
47.5°	12.2
50°	8.5
52.5°	5.4
55°	4.1
57.5°	3.7
60°	3.4
62.5°	2.9
65°	2.6
67.5°	2.2
70°	1.9
72.5°	1.7
75°	1.3
77.5°	1.1
80°	0.8
82.5°	0.6
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)