

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: P1245867

Luminaire Tested: P3A02R609024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245867
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: P3A02R609024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

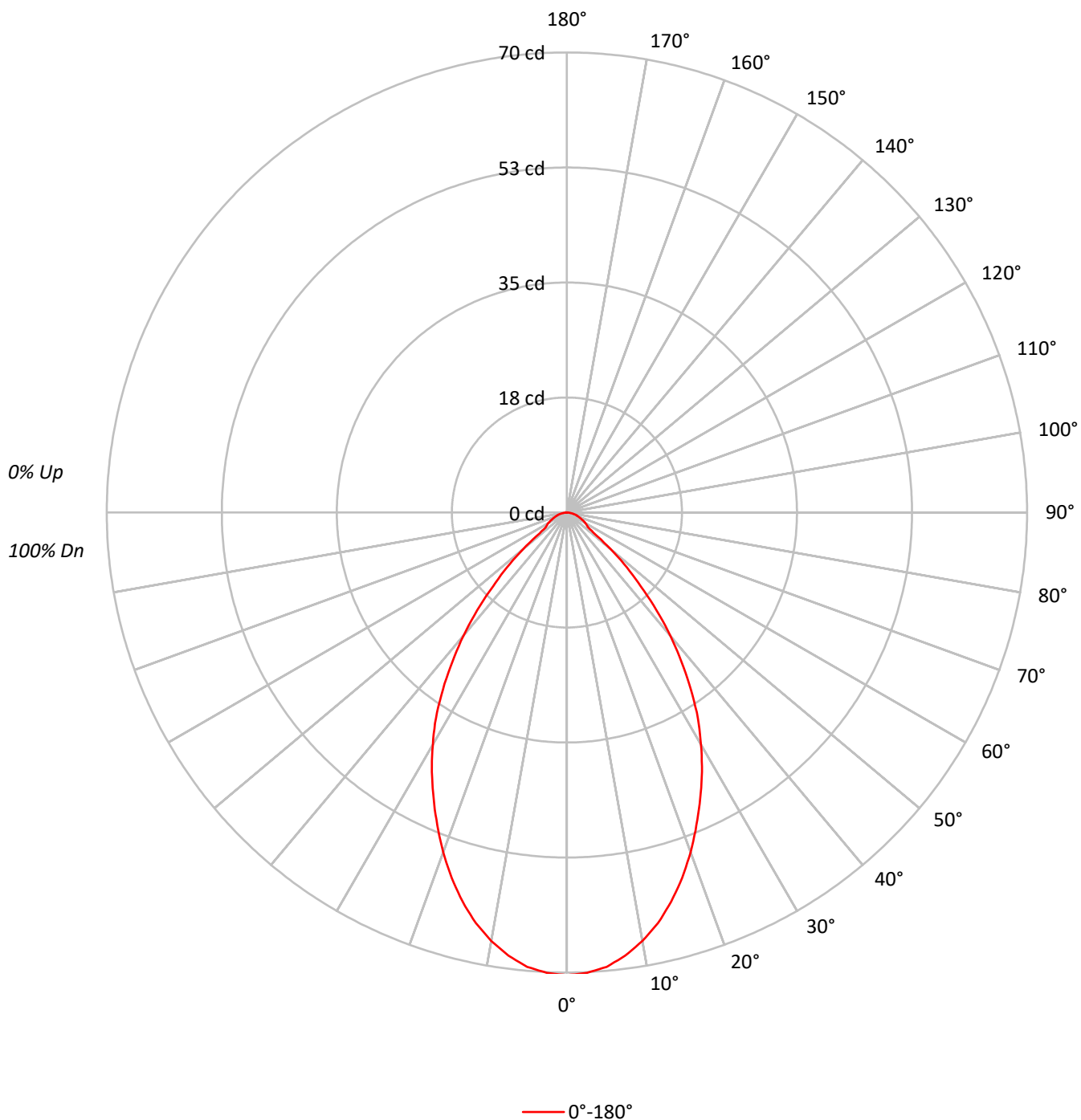
Lumens per Lamp: N/A
Luminaire Lumens: 87.0 lumens
Efficiency: N/A
Efficacy: 24.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	15437
5°	15276
10°	14740
15°	13916
20°	12834
25°	11614
30°	10331
35°	8807
40°	7013
45°	4931
50°	2968
55°	1491
60°	1447
65°	1297
70°	1218
75°	1186
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4931 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.5	7.5
10°-20°	17.1	19.7
20°-30°	22.0	25.3
30°-40°	20.4	23.5
40°-50°	12.4	14.3
50°-60°	4.2	4.8
60°-70°	2.5	2.9
70°-80°	1.4	1.7
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°	45.7	52.5
0°-40°	66.1	75.9
0°-60°	82.7	95.0
0°-90°	87.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	87.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	70	
5°	69	7
15°	61	17
25°	48	22
35°	33	20
45°	16	12
55°	4	4
65°	2	3
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	70.4
2.5°	70.1
5°	69.4
7.5°	68.0
10°	66.2
12.5°	64.0
15°	61.3
17.5°	58.3
20°	55.0
22.5°	51.5
25°	48.0
27.5°	44.5
30°	40.8
32.5°	37.1
35°	32.9
37.5°	28.6
40°	24.5
42.5°	20.2
45°	15.9
47.5°	12.4
50°	8.7
52.5°	5.2
55°	3.9
57.5°	3.6
60°	3.3
62.5°	2.9
65°	2.5
67.5°	2.2
70°	1.9
72.5°	1.6
75°	1.4
77.5°	1.1
80°	0.8
82.5°	0.5
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)