

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: P1273161

Luminaire Tested: P3A02R609830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273161
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: P3A02R609830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

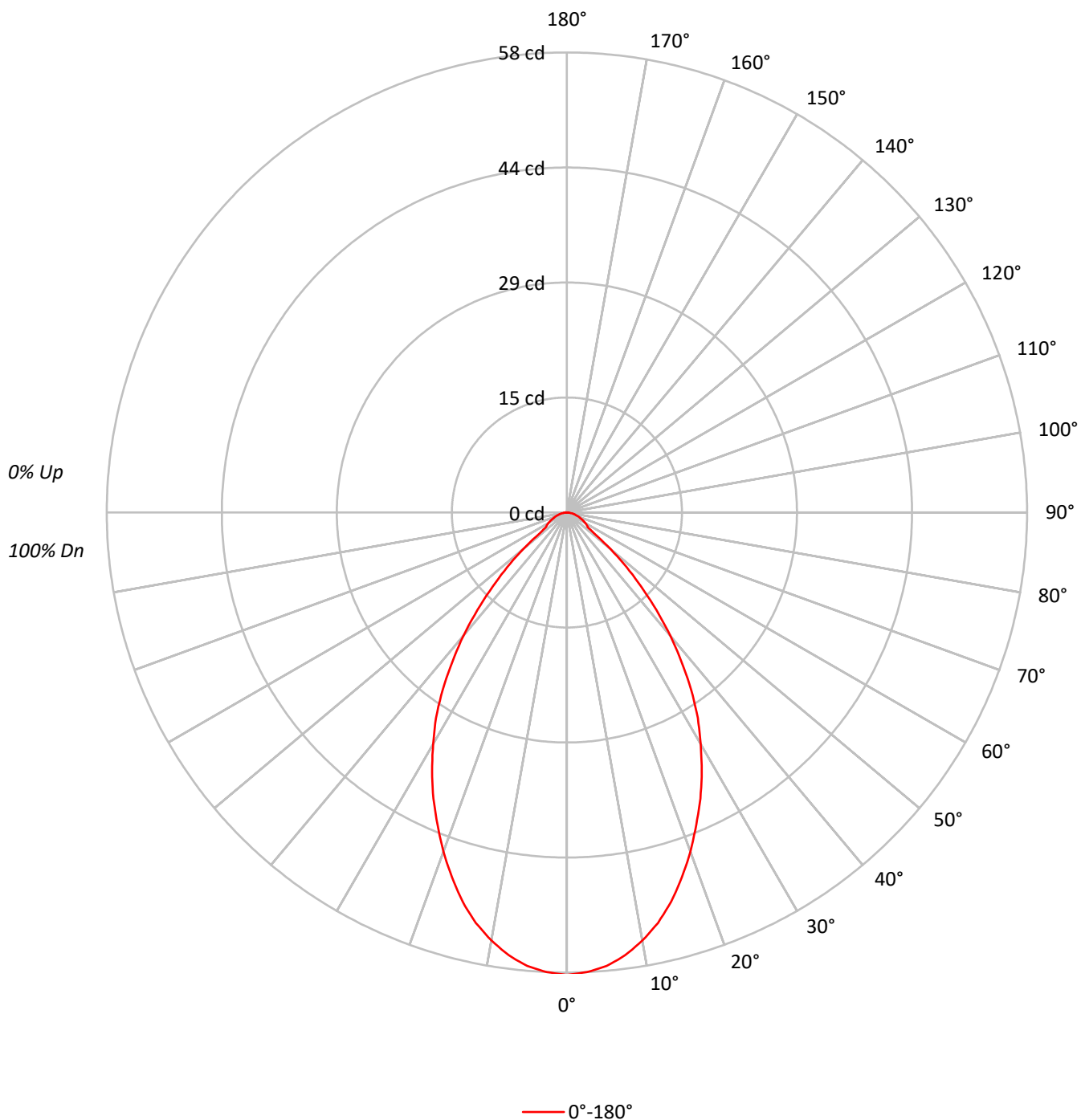
Lumens per Lamp: N/A
Luminaire Lumens: 72.0 lumens
Efficiency: N/A
Efficacy: 20.0 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.95 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	12784
5°	12635
10°	12202
15°	11532
20°	10618
25°	9630
30°	8533
35°	7308
40°	5811
45°	4093
50°	2456
55°	1223
60°	1184
65°	1090
70°	1026
75°	932
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4093 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.4	7.5
10°-20°	14.2	19.7
20°-30°	18.2	25.3
30°-40°	16.9	23.5
40°-50°	10.3	14.3
50°-60°	3.4	4.8
60°-70°	2.1	2.9
70°-80°	1.2	1.6
80°-90°	0.3	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°	37.8	52.5
0°-40°	54.7	75.9
0°-60°	68.4	95.0
0°-90°	72.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	72.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	58	
5°	57	5
15°	51	14
25°	40	18
35°	27	17
45°	13	10
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	58.3
2.5°	58.0
5°	57.4
7.5°	56.3
10°	54.8
12.5°	53.0
15°	50.8
17.5°	48.2
20°	45.5
22.5°	42.6
25°	39.8
27.5°	36.8
30°	33.7
32.5°	30.7
35°	27.3
37.5°	23.7
40°	20.3
42.5°	16.7
45°	13.2
47.5°	10.2
50°	7.2
52.5°	4.3
55°	3.2
57.5°	3.0
60°	2.7
62.5°	2.4
65°	2.1
67.5°	1.8
70°	1.6
72.5°	1.3
75°	1.1
77.5°	0.9
80°	0.7
82.5°	0.4
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)