

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: P1273190

Luminaire Tested: P3A02R659830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273190
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: P3A02R659830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

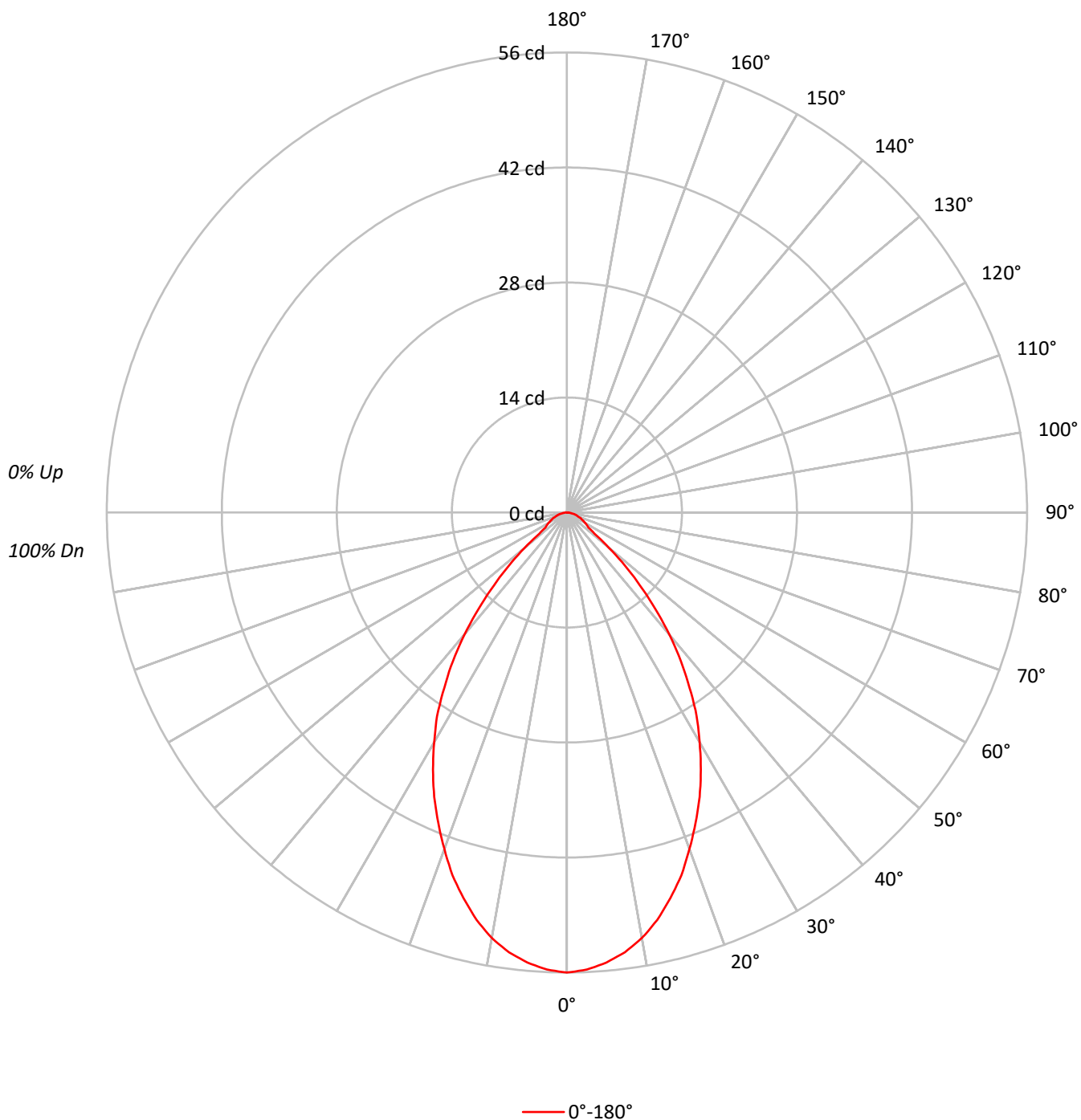
Lumens per Lamp: N/A
Luminaire Lumens: 69.0 lumens
Efficiency: N/A
Efficacy: 19.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	109	106	103		110	107	104	101		102	100	98		99	97	95		95	94	93
2	105	99	94	90		103	97	93	89		94	90	87		91	88	85		88	86	84
3	99	91	85	80		96	89	84	79		87	82	78		84	80	77		82	78	76
4	92	83	77	72		90	82	76	71		80	75	70		78	73	70		76	72	69
5	87	77	70	65		85	76	69	65		74	68	64		72	67	63		71	66	63
6	82	71	64	59		80	70	64	59		69	63	58		67	62	58		66	61	58
7	77	66	59	54		75	65	59	54		64	58	54		63	57	53		61	57	53
8	72	61	55	50		71	61	54	50		60	54	49		59	53	49		58	53	49
9	68	57	51	46		67	57	50	46		56	50	46		55	49	46		54	49	45
10	65	54	47	43		64	53	47	43		52	47	43		52	46	42		51	46	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	12280
5°	12107
10°	11712
15°	11033
20°	10174
25°	9242
30°	8178
35°	6960
40°	5553
45°	3907
50°	2286
55°	1223
60°	1140
65°	1038
70°	962
75°	932
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3907 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	7.5
10°-20°	13.6	19.7
20°-30°	17.5	25.3
30°-40°	16.2	23.4
40°-50°	9.8	14.2
50°-60°	3.3	4.8
60°-70°	2.0	2.9
70°-80°	1.1	1.7
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°	36.3	52.5
0°-40°	52.4	76.0
0°-60°	65.5	94.9
0°-90°	69.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	69.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	56	
5°	55	5
15°	49	14
25°	38	17
35°	26	16
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°	56.0
2.5°	55.7
5°	55.0
7.5°	54.0
10°	52.6
12.5°	50.8
15°	48.6
17.5°	46.3
20°	43.6
22.5°	40.9
25°	38.2
27.5°	35.3
30°	32.3
32.5°	29.4
35°	26.0
37.5°	22.8
40°	19.4
42.5°	15.9
45°	12.6
47.5°	9.6
50°	6.7
52.5°	4.2
55°	3.2
57.5°	2.9
60°	2.6
62.5°	2.3
65°	2.0
67.5°	1.8
70°	1.5
72.5°	1.3
75°	1.1
77.5°	0.9
80°	0.6
82.5°	0.4
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)