

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: P1264067

Luminaire Tested: P3A02R659730DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264067
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: P3A02R659730DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

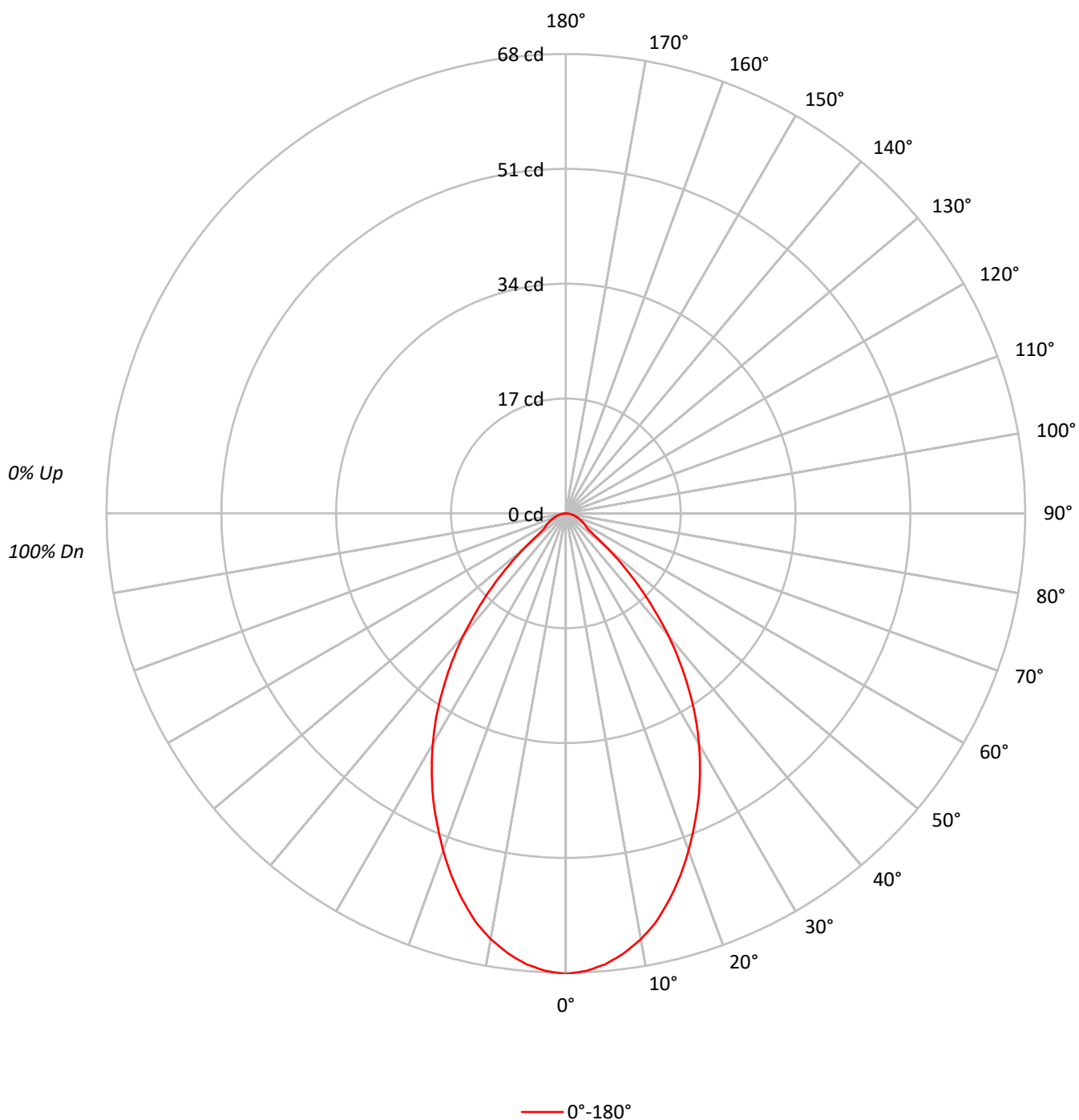
Lumens per Lamp: N/A
Luminaire Lumens: 84.0 lumens
Efficiency: N/A
Efficacy: 23.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	98	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	91	82	76	71	80	75	71		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	50	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	14955
5°	14748
10°	14250
15°	13439
20°	12391
25°	11251
30°	9976
35°	8486
40°	6756
45°	4776
50°	2763
55°	1491
60°	1403
65°	1297
70°	1154
75°	1101
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4776 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.3	7.5
10°-20°	16.6	19.7
20°-30°	21.3	25.4
30°-40°	19.7	23.5
40°-50°	11.9	14.2
50°-60°	4.0	4.8
60°-70°	2.4	2.9
70°-80°	1.4	1.6
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°	44.1	52.6
0°-40°	63.8	76.0
0°-60°	79.8	95.0
0°-90°	84.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	84.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	68	
5°	67	6
15°	59	17
25°	46	21
35°	32	20
45°	15	12
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	68.2
2.5°	67.8
5°	67.0
7.5°	65.7
10°	64.0
12.5°	61.9
15°	59.2
17.5°	56.3
20°	53.1
22.5°	49.8
25°	46.5
27.5°	43.0
30°	39.4
32.5°	35.7
35°	31.7
37.5°	27.7
40°	23.6
42.5°	19.4
45°	15.4
47.5°	11.6
50°	8.1
52.5°	5.1
55°	3.9
57.5°	3.5
60°	3.2
62.5°	2.8
65°	2.5
67.5°	2.1
70°	1.8
72.5°	1.6
75°	1.3
77.5°	1.1
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)