

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: P1245605

Luminaire Tested: P3A02R159024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245605
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R159024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

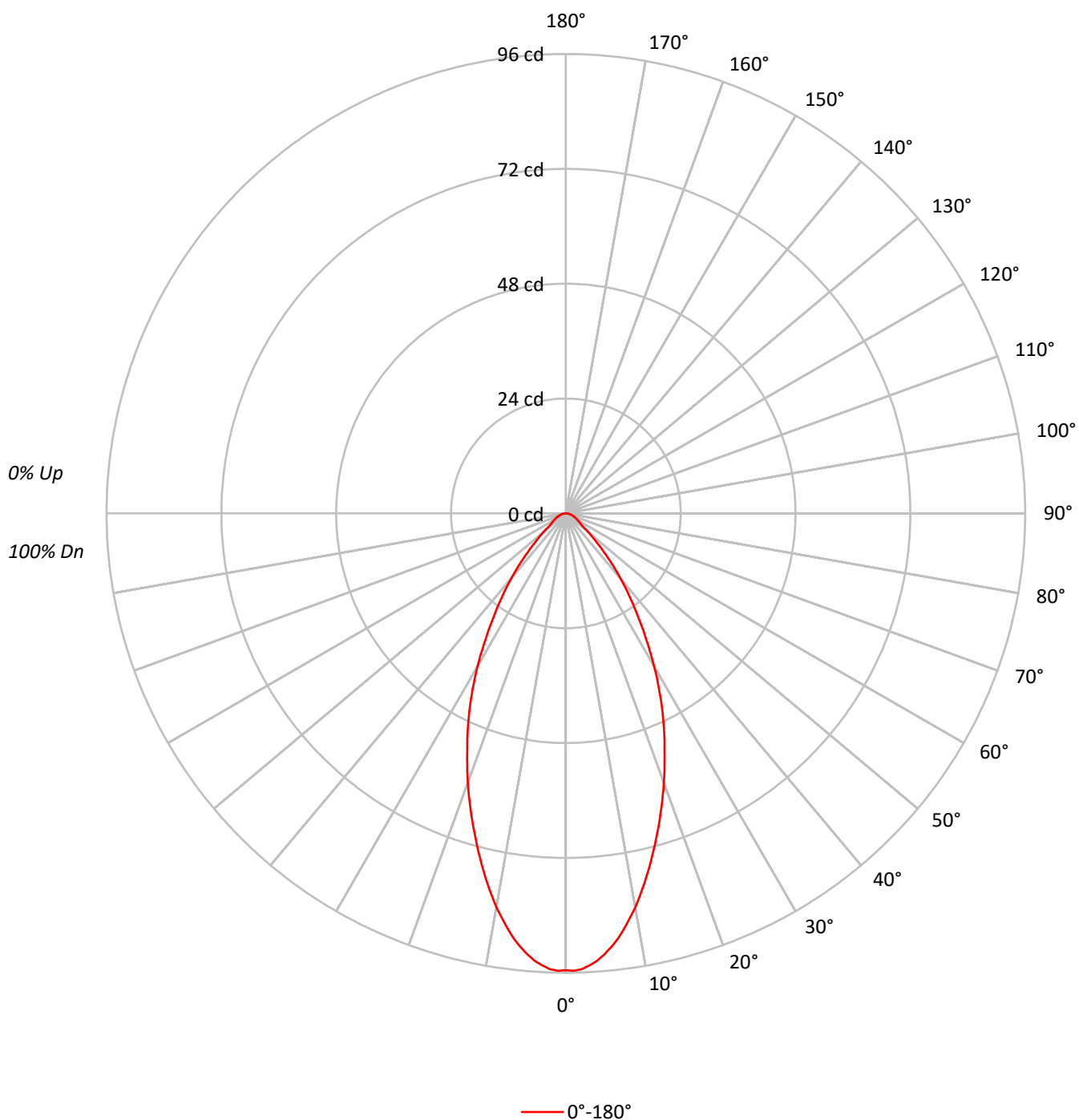
Lumens per Lamp: N/A
Luminaire Lumens: 83.0 lumens
Efficiency: N/A
Efficacy: 23.1 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	109	107	104	110	107	105	102	103	101	99		99	98	96		92
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		83
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		76
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		70
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		65
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		60
7	80	70	63	58	78	69	63	58	67	62	58		66	61	58		56
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		52
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		49
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	20941
5°	20361
10°	18615
15°	16300
20°	13978
25°	11686
30°	9343
35°	7014
40°	5095
45°	3318
50°	2081
55°	1415
60°	1228
65°	1141
70°	1090
75°	1017
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3318 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.5	10.3
10°-20°	20.0	24.1
20°-30°	22.0	26.6
30°-40°	16.5	19.9
40°-50°	8.6	10.3
50°-60°	3.6	4.3
60°-70°	2.2	2.6
70°-80°	1.2	1.5
80°-90°	0.3	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°	50.6	61.0
0°-40°	67.1	80.9
0°-60°	79.2	95.5
0°-90°	83.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	83.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	96	
5°	92	9
15°	72	20
25°	48	22
35°	26	17
45°	11	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	95.5
1°	95.6
2°	95.3
3°	94.6
4°	93.7
5°	92.5
6°	91.1
7°	89.5
8°	87.6
9°	85.6
10°	83.6
12.5°	77.8
15°	71.8
17.5°	65.8
20°	59.9
22.5°	53.9
25°	48.3
27.5°	42.6
30°	36.9
32.5°	31.3
35°	26.2
37.5°	21.8
40°	17.8
42.5°	14.1
45°	10.7
47.5°	8.1
50°	6.1
52.5°	4.5
55°	3.7
57.5°	3.3
60°	2.8
62.5°	2.5
65°	2.2
67.5°	1.9
70°	1.7
72.5°	1.4
75°	1.2
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.1
90°	0.0

(END OF REPORT)