

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: P1250686

Luminaire Tested: P3AS02R159030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250686
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: P3AS02R159030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

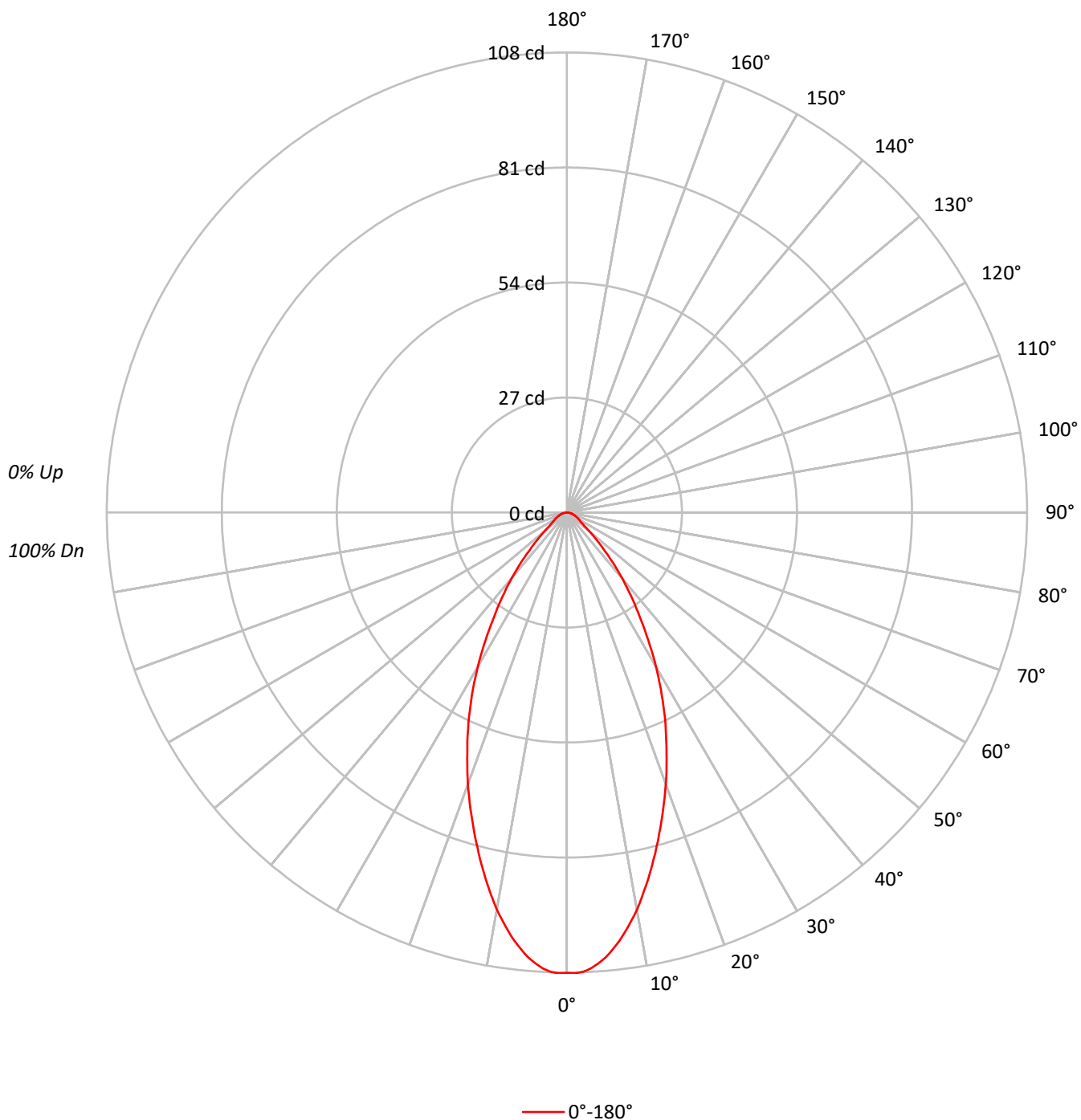
Lumens per Lamp: N/A
Luminaire Lumens: 94.0 lumens
Efficiency: N/A
Efficacy: 26.1 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	23704
5°	23068
10°	21086
15°	18456
20°	15845
25°	13235
30°	10584
35°	7950
40°	5754
45°	3752
50°	2354
55°	1606
60°	1403
65°	1297
70°	1218
75°	1101
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3752 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.7	10.3
10°-20°	22.7	24.1
20°-30°	25.0	26.6
30°-40°	18.7	19.9
40°-50°	9.7	10.3
50°-60°	4.0	4.3
60°-70°	2.5	2.6
70°-80°	1.4	1.5
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°	57.3	61.0
0°-40°	76.0	80.9
0°-60°	89.7	95.4
0°-90°	94.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	94.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	108	
5°	105	10
15°	81	23
25°	55	25
35°	30	19
45°	12	10
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	108.1
1°	108.2
2°	107.9
3°	107.2
4°	106.1
5°	104.8
6°	103.1
7°	101.3
8°	99.2
9°	96.9
10°	94.7
12.5°	88.1
15°	81.3
17.5°	74.5
20°	67.9
22.5°	61.1
25°	54.7
27.5°	48.2
30°	41.8
32.5°	35.5
35°	29.7
37.5°	24.7
40°	20.1
42.5°	16.0
45°	12.1
47.5°	9.2
50°	6.9
52.5°	5.1
55°	4.2
57.5°	3.7
60°	3.2
62.5°	2.9
65°	2.5
67.5°	2.1
70°	1.9
72.5°	1.5
75°	1.3
77.5°	1.1
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.1
90°	0.0

(END OF REPORT)