

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: P1262186

Luminaire Tested: P3AS09R159727DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262186
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: P3AS09R159727DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

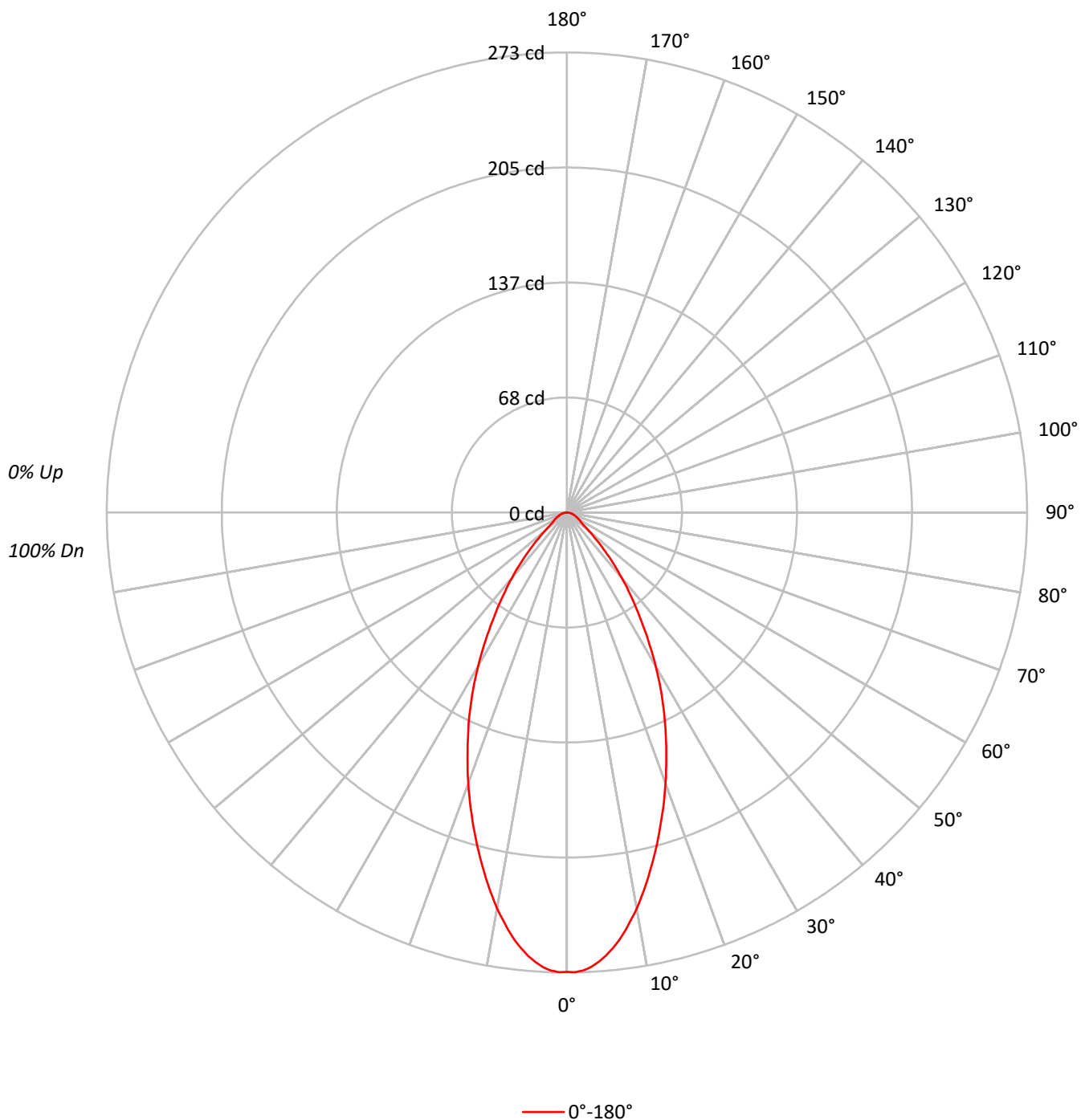
Lumens per Lamp: N/A
Luminaire Lumens: 237.0 lumens
Efficiency: N/A
Efficacy: 21.3 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	70	63	58	78	69	63	58	67	62	58		66	61	58		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°	59776
5°	58155
10°	53150
15°	46561
20°	39927
25°	33341
30°	26688
35°	20023
40°	14513
45°	9489
50°	5936
55°	4014
60°	3552
65°	3269
70°	3077
75°	2796
80°	2652
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9489 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.4	10.3
10°-20°	57.1	24.1
20°-30°	62.9	26.6
30°-40°	47.2	19.9
40°-50°	24.4	10.3
50°-60°	10.1	4.3
60°-70°	6.3	2.6
70°-80°	3.5	1.5
80°-90°	1.0	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°	144.5	61.0
0°-40°	191.6	80.9
0°-60°	226.2	95.4
0°-90°	237.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	237.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	273	
5°	264	24
15°	205	57
25°	138	63
35°	75	47
45°	31	24
55°	10	10
65°	6	6
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	272.6
1°	272.9
2°	272.0
3°	270.2
4°	267.5
5°	264.2
6°	260.0
7°	255.5
8°	250.1
9°	244.4
10°	238.7
12.5°	222.2
15°	205.1
17.5°	188.0
20°	171.1
22.5°	154.0
25°	137.8
27.5°	121.6
30°	105.4
32.5°	89.5
35°	74.8
37.5°	62.2
40°	50.7
42.5°	40.2
45°	30.6
47.5°	23.1
50°	17.4
52.5°	12.9
55°	10.5
57.5°	9.3
60°	8.1
62.5°	7.2
65°	6.3
67.5°	5.4
70°	4.8
72.5°	3.9
75°	3.3
77.5°	2.7
80°	2.1
82.5°	1.5
85°	0.9
87.5°	0.3
90°	0.0

(END OF REPORT)