

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: P1275892

Luminaire Tested: P3AS09R559835DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275892
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R559835DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

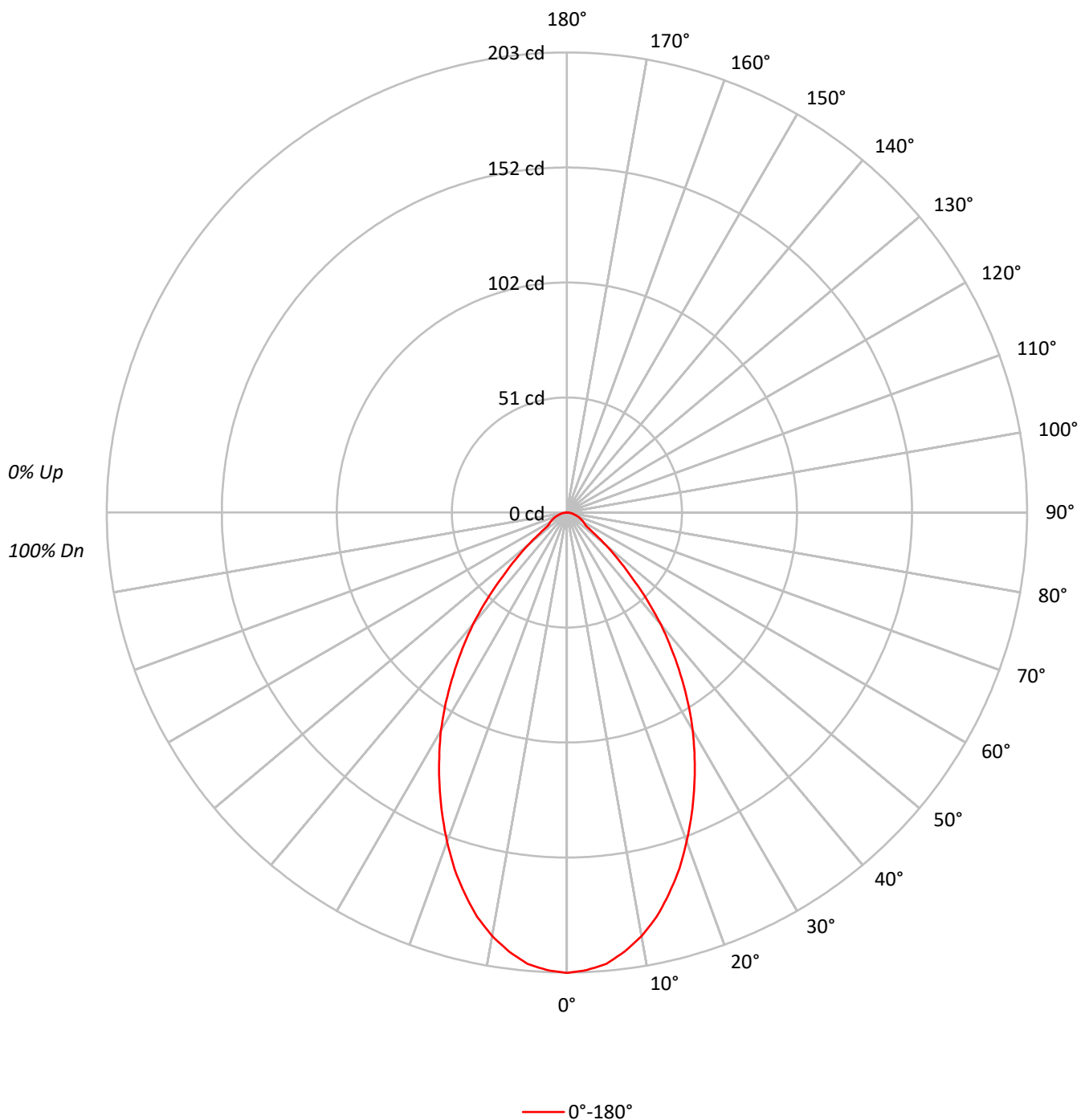
Lumens per Lamp: N/A
Luminaire Lumens: 237.0 lumens
Efficiency: N/A
Efficacy: 21.5 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	44558
5°	44002
10°	42262
15°	39523
20°	36053
25°	32179
30°	28131
35°	23370
40°	18435
45°	12497
50°	7642
55°	3976
60°	3684
65°	3476
70°	3206
75°	2881
80°	2778
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12497 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.7	7.9
10°-20°	48.7	20.5
20°-30°	60.9	25.7
30°-40°	54.4	23.0
40°-50°	31.8	13.4
50°-60°	11.0	4.6
60°-70°	6.7	2.8
70°-80°	3.7	1.6
80°-90°	1.1	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°	128.3	54.2
0°-40°	182.7	77.1
0°-60°	225.6	95.2
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°	203	
5°	200	19
15°	174	49
25°	133	61
35°	87	54
45°	40	32
55°	10	11
65°	7	7
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	203.2
2.5°	202.1
5°	199.9
7.5°	195.4
10°	189.8
12.5°	182.8
15°	174.1
17.5°	164.9
20°	154.5
22.5°	143.9
25°	133.0
27.5°	122.0
30°	111.1
32.5°	99.4
35°	87.3
37.5°	75.6
40°	64.4
42.5°	52.3
45°	40.3
47.5°	30.8
50°	22.4
52.5°	14.6
55°	10.4
57.5°	9.2
60°	8.4
62.5°	7.6
65°	6.7
67.5°	5.9
70°	5.0
72.5°	4.2
75°	3.4
77.5°	2.8
80°	2.2
82.5°	1.4
85°	0.8
87.5°	0.6
90°	0.0

(END OF REPORT)