

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: P1266975

Luminaire Tested: P3A09R209735DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266975
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R209735DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

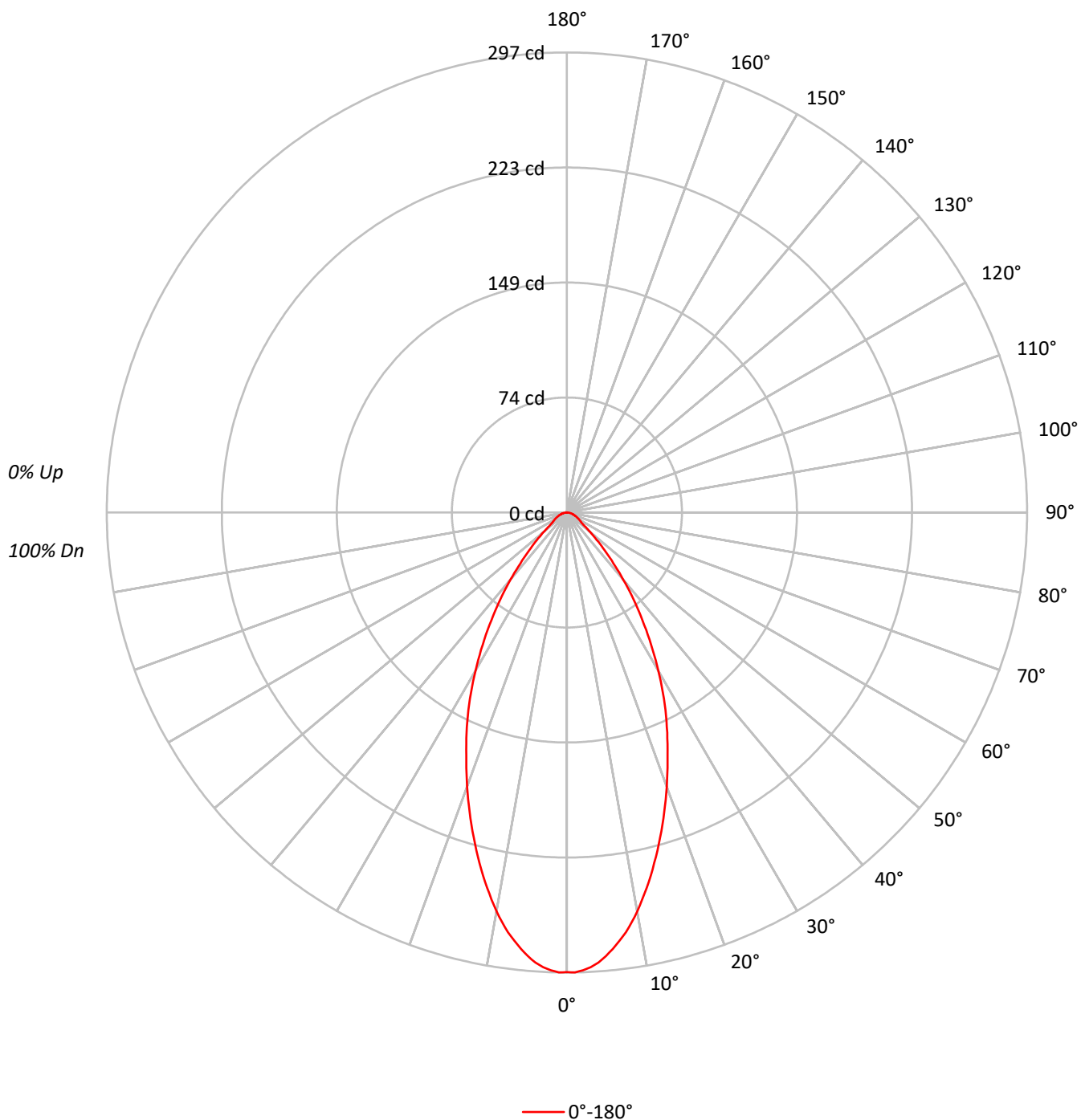
Lumens per Lamp: N/A
Luminaire Lumens: 263.0 lumens
Efficiency: N/A
Efficacy: 23.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1266975

CATALOG NUMBER: P3A09R209735DE010 E3DLD1GPH

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	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65061
5°	63306
10°	58249
15°	51260
20°	43964
25°	36946
30°	29853
35°	22727
40°	16173
45°	10668
50°	6618
55°	4358
60°	3947
65°	3632
70°	3398
75°	3135
80°	2904
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10668 cd/sqm

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CATALOG NUMBER: P3A09R209735DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.6	10.1
10°-20°	62.9	23.9
20°-30°	69.8	26.5
30°-40°	53.2	20.2
40°-50°	27.3	10.4
50°-60°	11.2	4.3
60°-70°	7.0	2.6
70°-80°	3.9	1.5
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°	159.3	60.6
0°-40°	212.5	80.8
0°-60°	251.0	95.4
0°-90°	263.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	263.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	297	
5°	288	27
15°	226	63
25°	153	70
35°	85	53
45°	34	27
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	296.7
1°	297.0
2°	295.7
3°	294.0
4°	291.3
5°	287.6
6°	283.3
7°	278.6
8°	273.6
9°	267.6
10°	261.6
12.5°	244.2
15°	225.8
17.5°	207.1
20°	188.4
22.5°	169.7
25°	152.7
27.5°	135.6
30°	117.9
32.5°	101.2
35°	84.9
37.5°	70.5
40°	56.5
42.5°	44.4
45°	34.4
47.5°	26.1
50°	19.4
52.5°	14.4
55°	11.4
57.5°	10.4
60°	9.0
62.5°	8.0
65°	7.0
67.5°	6.0
70°	5.3
72.5°	4.3
75°	3.7
77.5°	3.0
80°	2.3
82.5°	1.7
85°	1.0
87.5°	0.3
90°	0.0

(END OF REPORT)