

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: P1267148

Luminaire Tested: P3A09R509735DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267148
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R509735DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

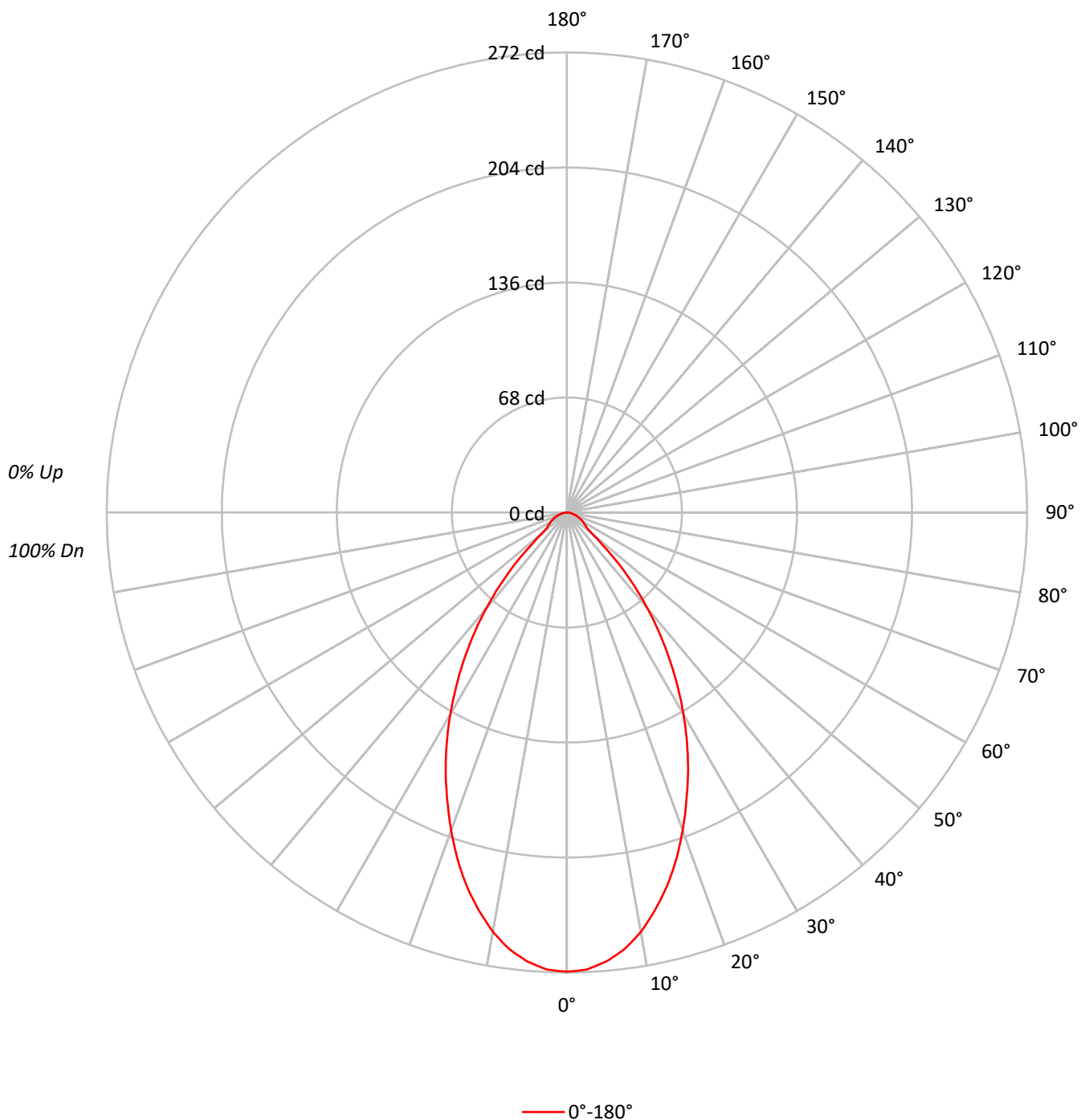
Lumens per Lamp: N/A
Luminaire Lumens: 293.0 lumens
Efficiency: N/A
Efficacy: 26.4 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	59535
5°	58662
10°	56067
15°	51919
20°	46671
25°	41010
30°	34891
35°	28295
40°	21240
45°	13676
50°	6516
55°	5123
60°	4824
65°	4514
70°	4103
75°	3643
80°	3410
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13676 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.0	8.5
10°-20°	63.8	21.8
20°-30°	77.5	26.4
30°-40°	65.7	22.4
40°-50°	34.1	11.6
50°-60°	12.3	4.2
60°-70°	8.5	2.9
70°-80°	4.6	1.6
80°-90°	1.5	0.5
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°	166.2	56.7
0°-40°	231.9	79.2
0°-60°	278.4	95.0
0°-90°	293.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	293.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	272	
5°	266	25
15°	229	64
25°	170	77
35°	106	66
45°	44	34
55°	13	12
65°	9	9
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	271.5
2.5°	270.5
5°	266.5
7.5°	260.5
10°	251.8
12.5°	240.8
15°	228.7
17.5°	215.0
20°	200.0
22.5°	184.6
25°	169.5
27.5°	153.8
30°	137.8
32.5°	121.7
35°	105.7
37.5°	90.0
40°	74.2
42.5°	59.2
45°	44.1
47.5°	29.4
50°	19.1
52.5°	14.7
55°	13.4
57.5°	12.0
60°	11.0
62.5°	9.7
65°	8.7
67.5°	7.4
70°	6.4
72.5°	5.4
75°	4.3
77.5°	3.3
80°	2.7
82.5°	2.0
85°	1.3
87.5°	0.7
90°	0.0

(END OF REPORT)