

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: P1267062

Luminaire Tested: P3A09R359735DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267062
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R359735DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

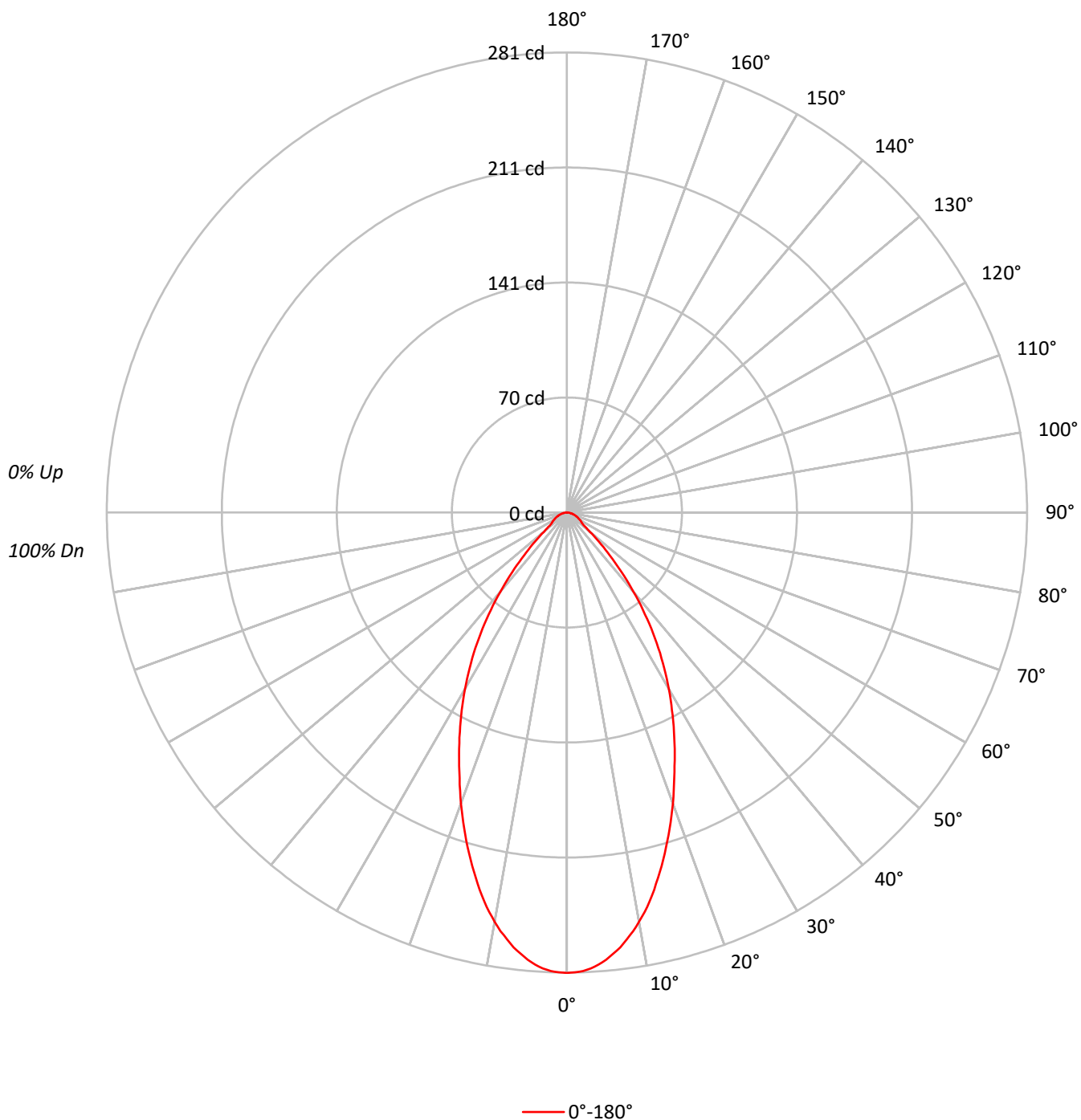
Lumens per Lamp: N/A
Luminaire Lumens: 270.0 lumens
Efficiency: N/A
Efficacy: 24.3 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	61684
5°	60378
10°	56534
15°	50738
20°	44151
25°	37623
30°	31524
35°	25110
40°	18148
45°	11474
50°	6277
55°	4320
60°	4079
65°	3788
70°	3654
75°	3135
80°	2904
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11474 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.5	9.5
10°-20°	62.2	23.0
20°-30°	71.3	26.4
30°-40°	58.2	21.6
40°-50°	29.3	10.9
50°-60°	10.9	4.0
60°-70°	7.3	2.7
70°-80°	4.1	1.5
80°-90°	1.2	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°	159.0	58.9
0°-40°	217.2	80.5
0°-60°	257.4	95.3
0°-90°	270.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	270.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	281	
5°	274	26
15°	224	62
25°	156	71
35°	94	58
45°	37	29
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	281.3
1°	280.9
2°	280.3
3°	278.9
4°	276.9
5°	274.3
6°	270.9
7°	267.6
8°	263.2
9°	258.9
10°	253.9
11°	248.6
12°	242.9
13°	236.6
14°	229.9
15°	223.5
17.5°	206.5
20°	189.2
22.5°	171.5
25°	155.5
27.5°	139.8
30°	124.5
32.5°	109.1
35°	93.8
37.5°	78.4
40°	63.4
42.5°	49.4
45°	37.0
47.5°	26.7
50°	18.4
52.5°	13.3
55°	11.3
57.5°	10.3
60°	9.3
62.5°	8.3
65°	7.3
67.5°	6.3
70°	5.7
72.5°	4.7
75°	3.7
77.5°	3.0
80°	2.3
82.5°	1.7
85°	1.0
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)