

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: P1267235

Luminaire Tested: P3A09R659735DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267235
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R659735DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

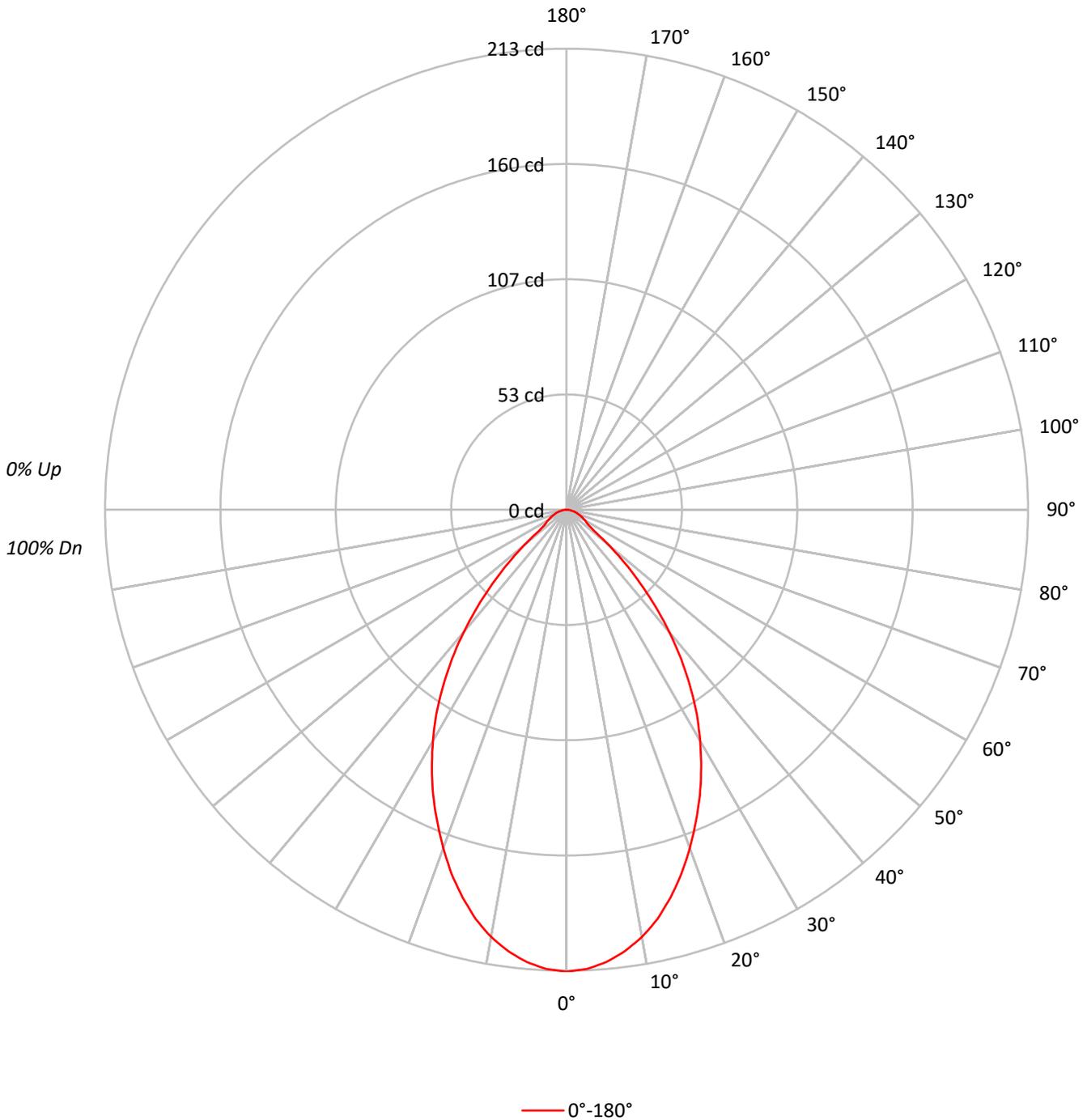
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 263.0 lumens
Efficiency: N/A
Efficacy: 23.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
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				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91				91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82				82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74				74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67				67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61				61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56				56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51				51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47				47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44				44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41				41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	46794
5°	46181
10°	44622
15°	42089
20°	38807
25°	35228
30°	31220
35°	26555
40°	21125
45°	14916
50°	8665
55°	4741
60°	4386
65°	3995
70°	3654
75°	3389
80°	2904
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14916 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.7	7.5
10°-20°	51.9	19.7
20°-30°	66.6	25.3
30°-40°	61.7	23.4
40°-50°	37.2	14.2
50°-60°	12.7	4.8
60°-70°	7.7	2.9
70°-80°	4.3	1.6
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°	138.2	52.6
0°-40°	199.9	76.0
0°-60°	249.8	95.0
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°	213	
5°	210	20
15°	185	52
25°	146	67
35°	99	62
45°	48	37
55°	12	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	213.4
2.5°	212.4
5°	209.8
7.5°	205.8
10°	200.4
12.5°	193.7
15°	185.4
17.5°	176.4
20°	166.3
22.5°	156.0
25°	145.6
27.5°	134.6
30°	123.3
32.5°	111.9
35°	99.2
37.5°	86.8
40°	73.8
42.5°	60.8
45°	48.1
47.5°	36.4
50°	25.4
52.5°	16.0
55°	12.4
57.5°	11.0
60°	10.0
62.5°	8.7
65°	7.7
67.5°	6.7
70°	5.7
72.5°	5.0
75°	4.0
77.5°	3.3
80°	2.3
82.5°	1.7
85°	1.0
87.5°	0.7
90°	0.0

(END OF REPORT)