

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: P1246685

Luminaire Tested: P3A09R659024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246685
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: P3A09R659024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

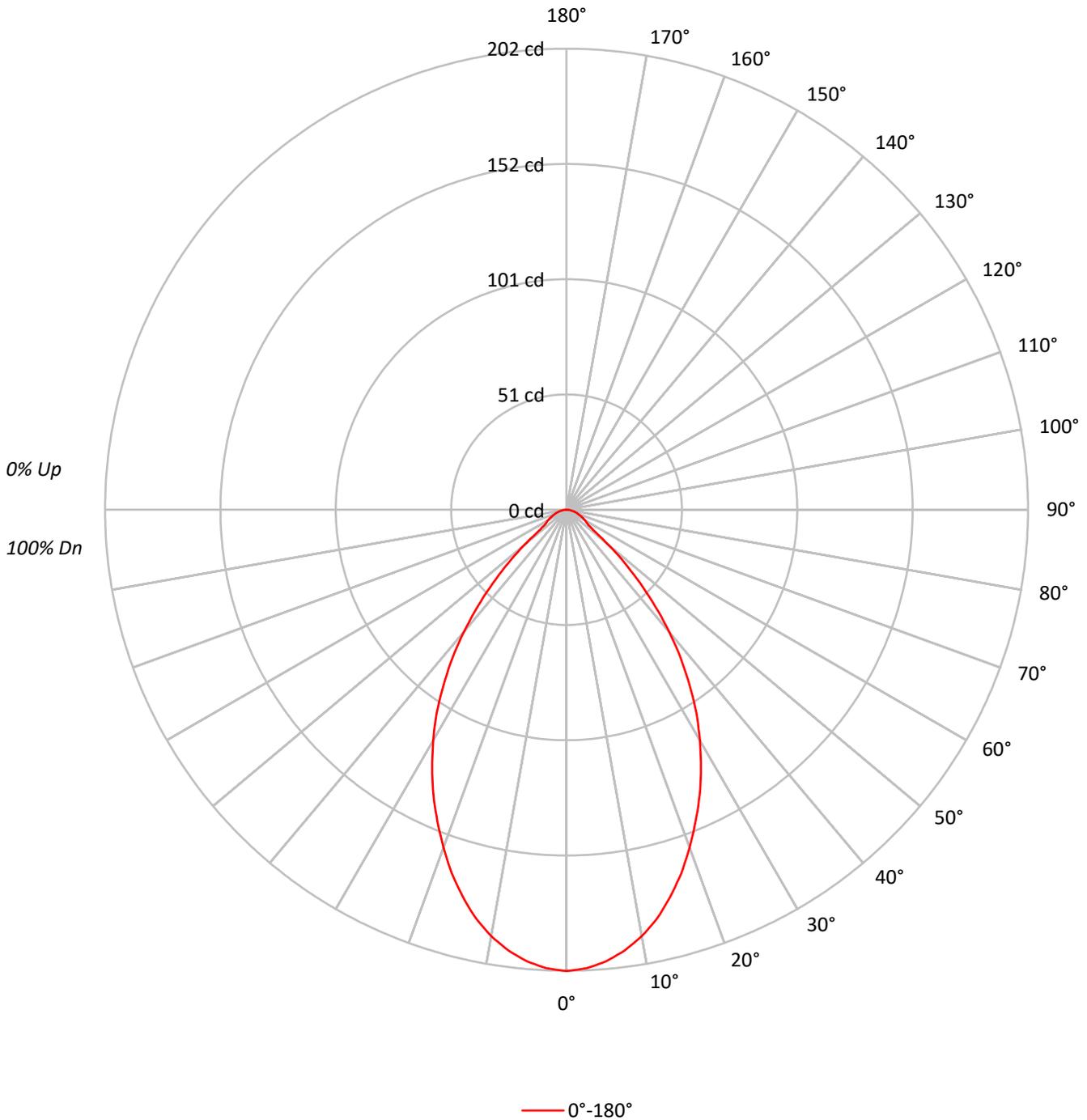
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 249.0 lumens
Efficiency: N/A
Efficacy: 22.4 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				
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			
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82			
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74			
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61			
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56			
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51			
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47			
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44			
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	44317
5°	43715
10°	42239
15°	39841
20°	36753
25°	33365
30°	29549
35°	25136
40°	20009
45°	14110
50°	8187
55°	4473
60°	4166
65°	3788
70°	3462
75°	3219
80°	2778
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14110 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.7	7.5
10°-20°	49.1	19.7
20°-30°	63.1	25.3
30°-40°	58.4	23.4
40°-50°	35.2	14.2
50°-60°	12.0	4.8
60°-70°	7.2	2.9
70°-80°	4.1	1.6
80°-90°	1.1	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°	130.9	52.6
0°-40°	189.2	76.0
0°-60°	236.5	95.0
0°-90°	249.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	249.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	202	
5°	199	19
15°	176	49
25°	138	63
35°	94	58
45°	46	35
55°	12	12
65°	7	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	202.1
2.5°	201.1
5°	198.6
7.5°	194.8
10°	189.7
12.5°	183.4
15°	175.5
17.5°	167.0
20°	157.5
22.5°	147.7
25°	137.9
27.5°	127.4
30°	116.7
32.5°	105.9
35°	93.9
37.5°	82.2
40°	69.9
42.5°	57.6
45°	45.5
47.5°	34.5
50°	24.0
52.5°	15.2
55°	11.7
57.5°	10.4
60°	9.5
62.5°	8.2
65°	7.3
67.5°	6.3
70°	5.4
72.5°	4.7
75°	3.8
77.5°	3.2
80°	2.2
82.5°	1.6
85°	0.9
87.5°	0.6
90°	0.0

(END OF REPORT)