

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: P1255767

Luminaire Tested: P3A24R359035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255767
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: P3A24R359035D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

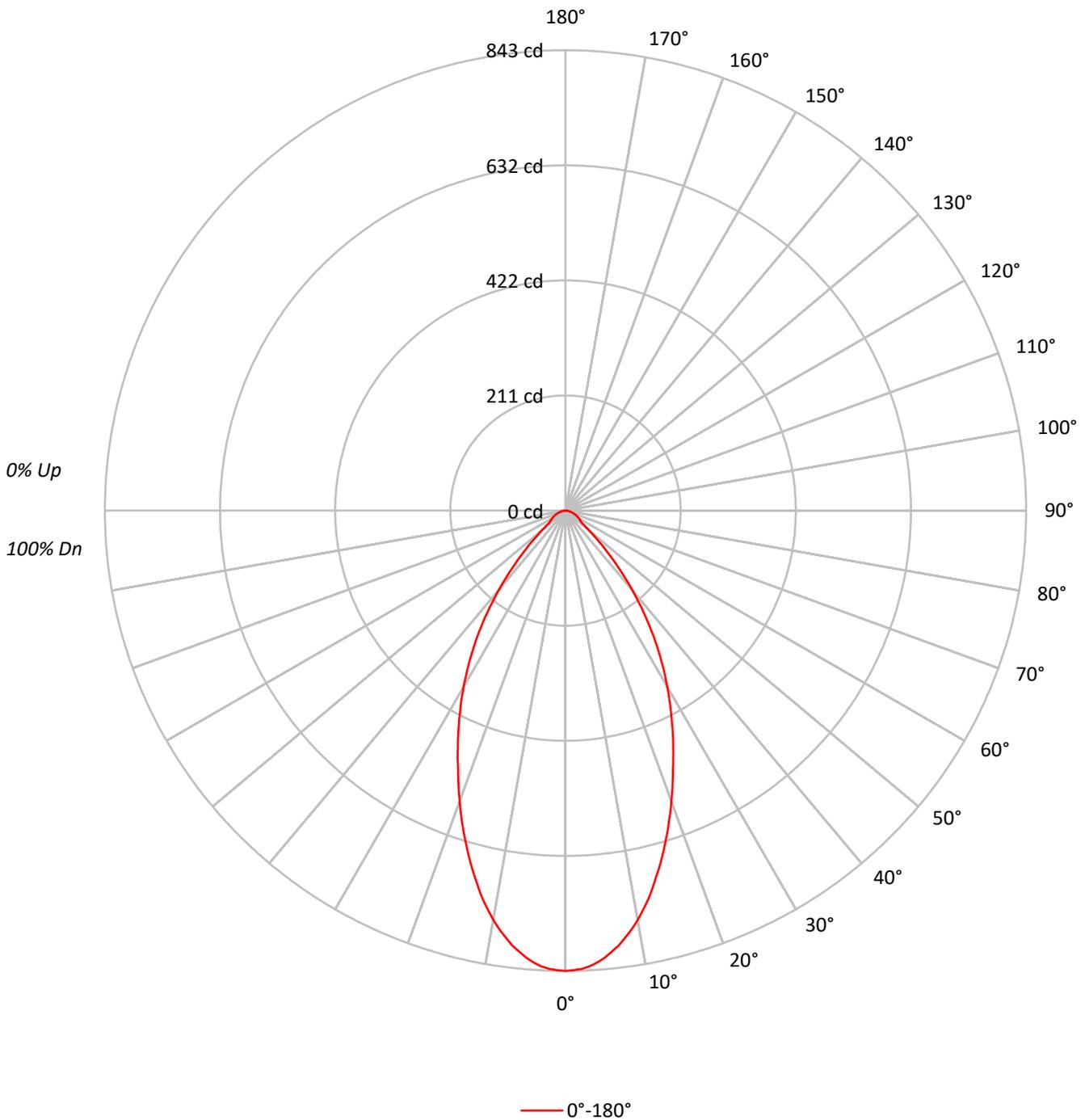
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 809.0 lumens
Efficiency: N/A
Efficacy: 28.1 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): 28.8
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	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	184810
5°	180893
10°	169402
15°	152055
20°	132265
25°	112724
30°	94420
35°	75195
40°	54359
45°	34422
50°	18763
55°	12998
60°	12280
65°	11415
70°	10899
75°	9320
80°	8840
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 34422 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.5	9.5
10°-20°	186.4	23.0
20°-30°	213.6	26.4
30°-40°	174.3	21.5
40°-50°	87.9	10.9
50°-60°	32.7	4.0
60°-70°	21.9	2.7
70°-80°	12.1	1.5
80°-90°	3.7	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°	476.5	58.9
0°-40°	650.8	80.4
0°-60°	771.3	95.3
0°-90°	809.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	809.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	843	
5°	822	76
15°	670	186
25°	466	214
35°	281	174
45°	111	88
55°	34	33
65°	22	22
75°	11	12
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	842.8
1°	841.8
2°	839.8
3°	835.8
4°	829.8
5°	821.8
6°	811.8
7°	801.8
8°	788.8
9°	775.8
10°	760.8
11°	744.8
12°	727.8
13°	708.8
14°	688.8
15°	669.8
17.5°	618.8
20°	566.8
22.5°	513.9
25°	465.9
27.5°	418.9
30°	372.9
32.5°	326.9
35°	280.9
37.5°	234.9
40°	189.9
42.5°	148.0
45°	111.0
47.5°	80.0
50°	55.0
52.5°	40.0
55°	34.0
57.5°	31.0
60°	28.0
62.5°	25.0
65°	22.0
67.5°	19.0
70°	17.0
72.5°	14.0
75°	11.0
77.5°	9.0
80°	7.0
82.5°	5.0
85°	3.0
87.5°	2.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)