

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: P1272930

Luminaire Tested: P3A02R209830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272930
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R209830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

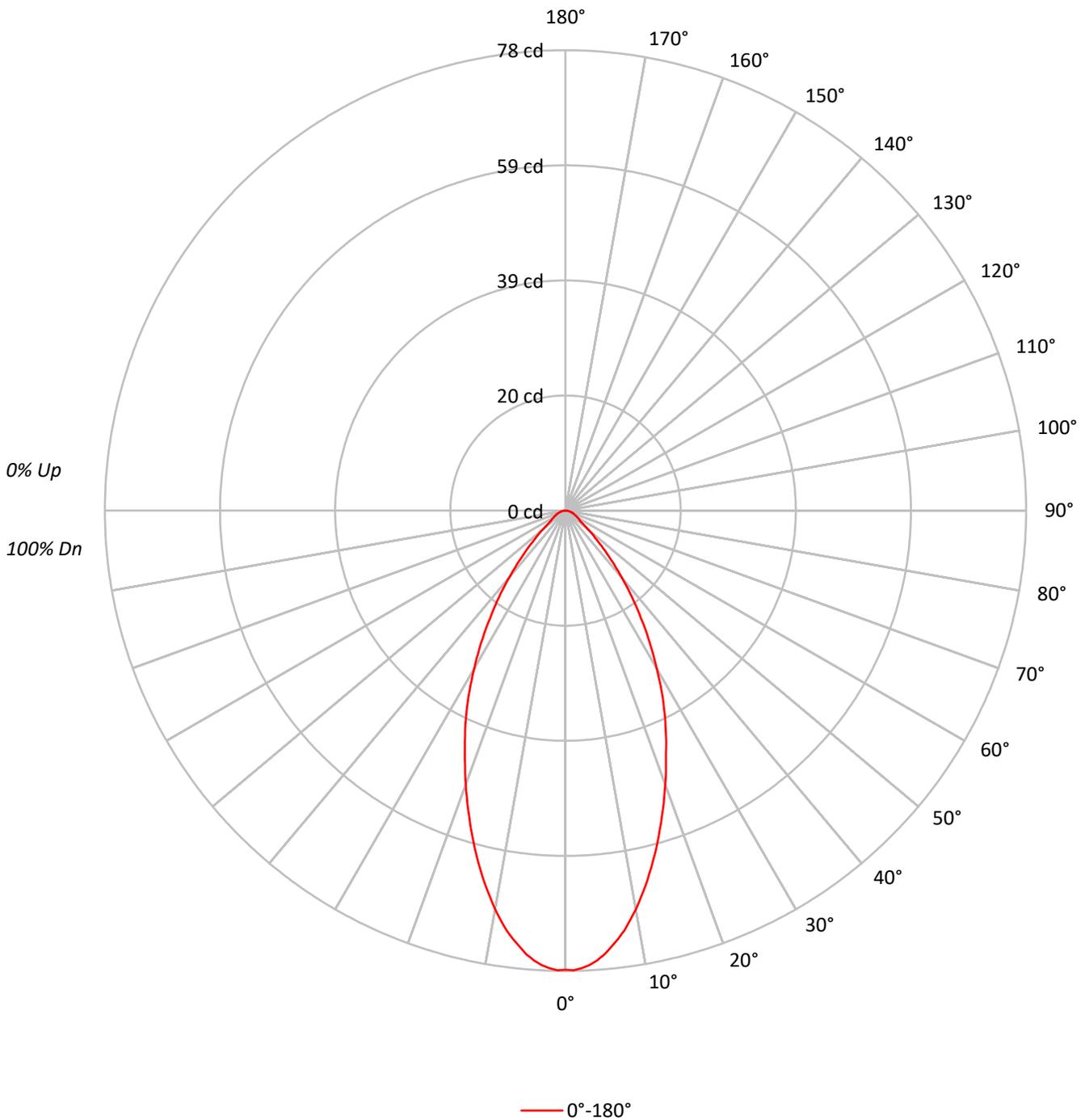
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 69.0 lumens
Efficiency: N/A
Efficacy: 19.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83				83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76				76
4	94	86	79	75	92	84	79	74	82	77	73	80	76	72	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65				65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60				60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55				55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52				52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48				48
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	17060
5°	16619
10°	15275
15°	13462
20°	11528
25°	9702
30°	7824
35°	5970
40°	4237
45°	2791
50°	1740
55°	1147
60°	1053
65°	934
70°	898
75°	847
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2791 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.0	10.1
10°-20°	16.5	23.9
20°-30°	18.3	26.5
30°-40°	14.0	20.3
40°-50°	7.1	10.4
50°-60°	3.0	4.3
60°-70°	1.8	2.7
70°-80°	1.0	1.5
80°-90°	0.3	0.4
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°	41.8	60.5
0°-40°	55.8	80.8
0°-60°	65.9	95.4
0°-90°	69.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	69.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	78	
5°	76	7
15°	59	16
25°	40	18
35°	22	14
45°	9	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	77.8
1°	77.9
2°	77.6
3°	77.1
4°	76.4
5°	75.5
6°	74.3
7°	73.1
8°	71.8
9°	70.2
10°	68.6
12.5°	64.1
15°	59.3
17.5°	54.3
20°	49.4
22.5°	44.5
25°	40.1
27.5°	35.6
30°	30.9
32.5°	26.6
35°	22.3
37.5°	18.5
40°	14.8
42.5°	11.7
45°	9.0
47.5°	6.8
50°	5.1
52.5°	3.8
55°	3.0
57.5°	2.7
60°	2.4
62.5°	2.1
65°	1.8
67.5°	1.6
70°	1.4
72.5°	1.1
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.4
85°	0.3
87.5°	0.1
90°	0.0

(END OF REPORT)