

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: P1261428

Luminaire Tested: P3AS02R209727DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261428
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: P3AS02R209727DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

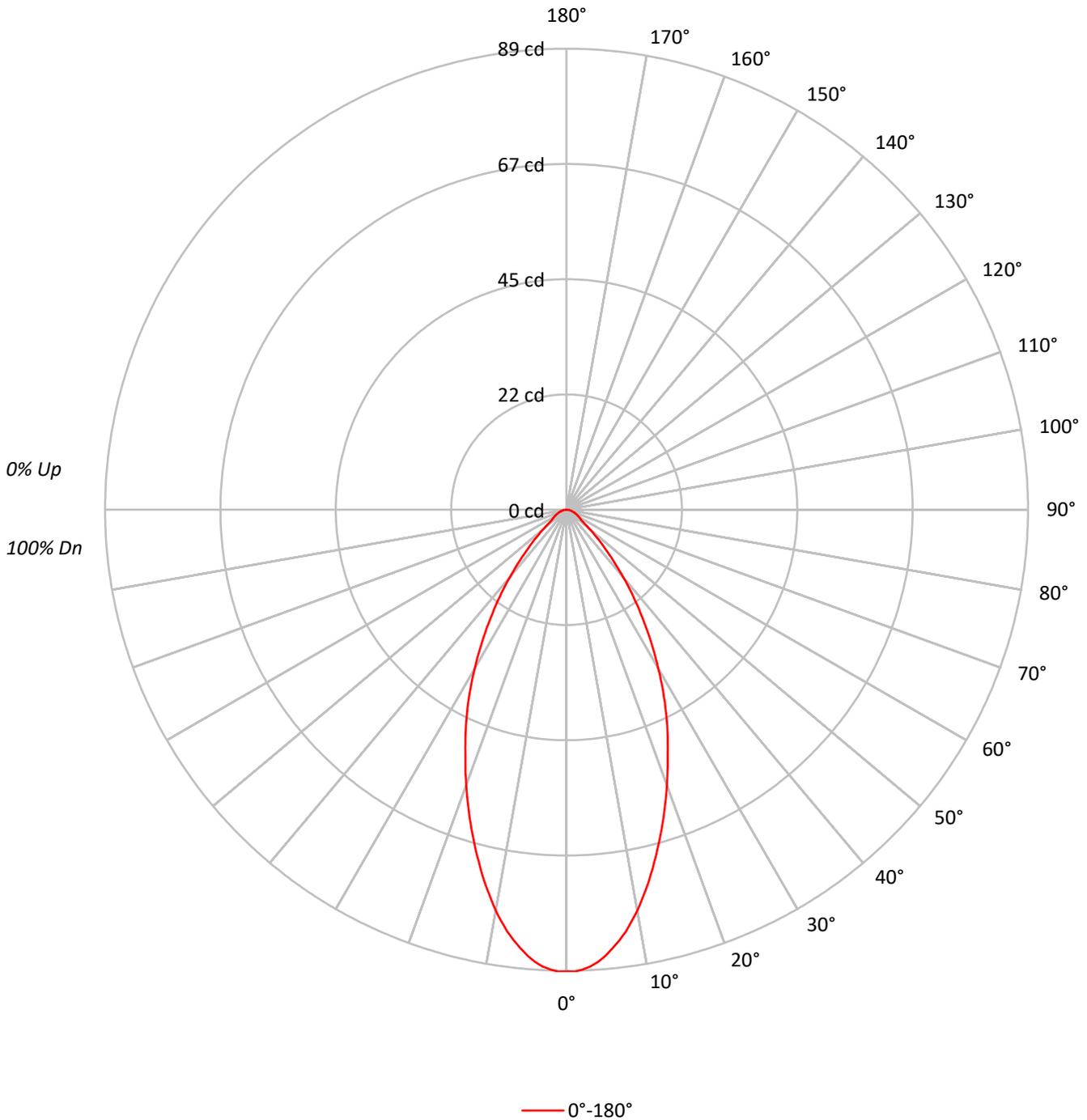
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 79.0 lumens
Efficiency: N/A
Efficacy: 21.9 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				
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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83			
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76			
4	94	86	79	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70			
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65			
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60			
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55			
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52			
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48			
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	19538
5°	19018
10°	17501
15°	15392
20°	13208
25°	11105
30°	8963
35°	6826
40°	4866
45°	3194
50°	1979
55°	1300
60°	1184
65°	1090
70°	1026
75°	932
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3194 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	10.1
10°-20°	18.9	23.9
20°-30°	21.0	26.5
30°-40°	16.0	20.3
40°-50°	8.2	10.3
50°-60°	3.4	4.2
60°-70°	2.1	2.6
70°-80°	1.2	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°	47.8	60.6
0°-40°	63.8	80.8
0°-60°	75.4	95.4
0°-90°	79.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	79.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	89	
5°	86	8
15°	68	19
25°	46	21
35°	26	16
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	89.1
1°	89.2
2°	88.8
3°	88.3
4°	87.5
5°	86.4
6°	85.1
7°	83.7
8°	82.2
9°	80.4
10°	78.6
12.5°	73.4
15°	67.8
17.5°	62.2
20°	56.6
22.5°	51.0
25°	45.9
27.5°	40.7
30°	35.4
32.5°	30.4
35°	25.5
37.5°	21.2
40°	17.0
42.5°	13.3
45°	10.3
47.5°	7.8
50°	5.8
52.5°	4.3
55°	3.4
57.5°	3.1
60°	2.7
62.5°	2.4
65°	2.1
67.5°	1.8
70°	1.6
72.5°	1.3
75°	1.1
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.1
90°	0.0

(END OF REPORT)