

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: P1262217

Luminaire Tested: P3AS09R209727DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262217
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: P3AS09R209727DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

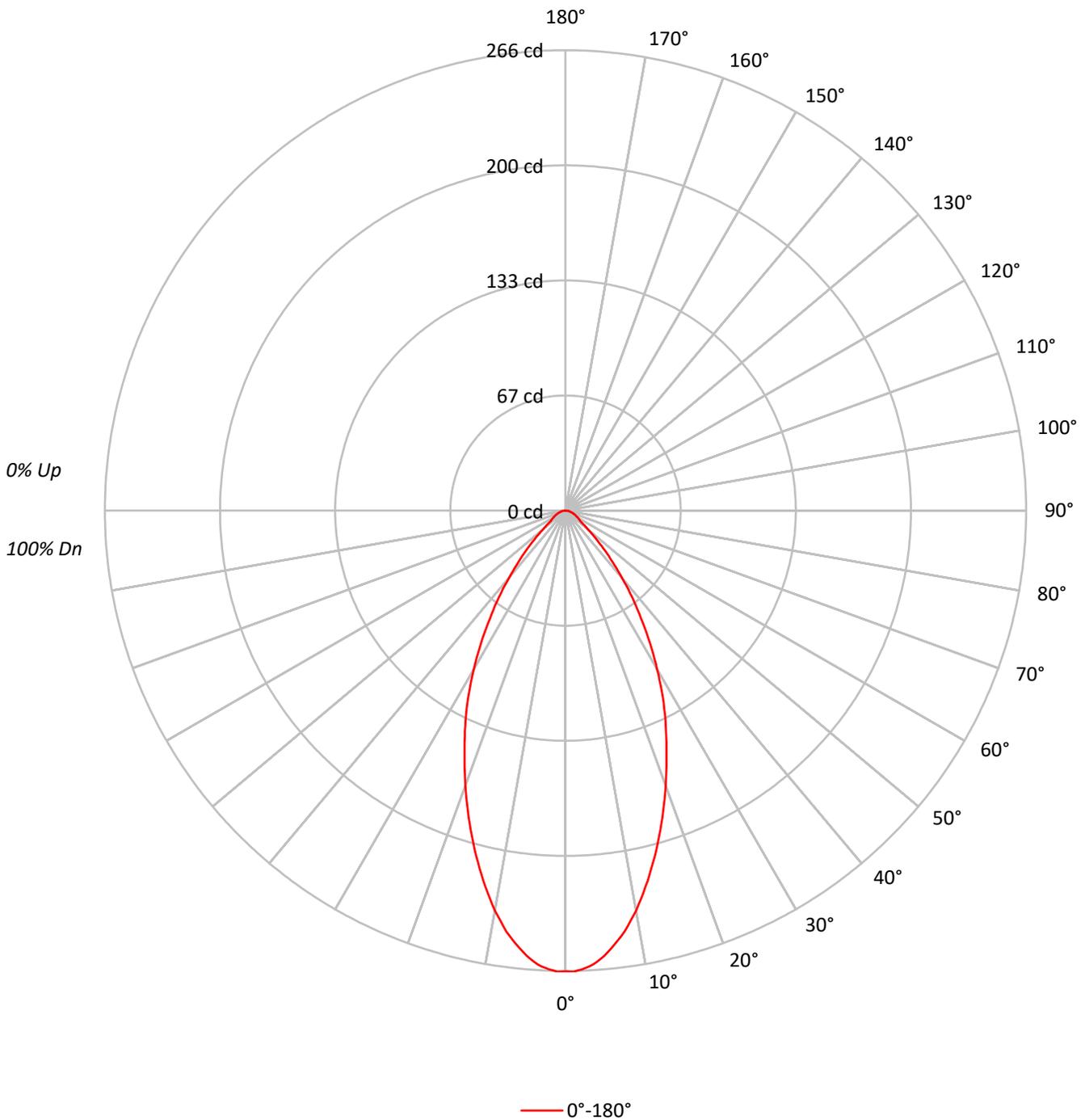
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 236.0 lumens
Efficiency: N/A
Efficacy: 21.3 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): 11.1
Input Voltage (V): NR
Input Current (A_{in}): 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			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	85	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°	58373
5°	56813
10°	52259
15°	46016
20°	39460
25°	33147
30°	26789
35°	20371
40°	14513
45°	9582
50°	5936
55°	3900
60°	3552
65°	3269
70°	3077
75°	2796
80°	2652
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9582 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.9	10.1
10°-20°	56.4	23.9
20°-30°	62.6	26.5
30°-40°	47.8	20.2
40°-50°	24.5	10.4
50°-60°	10.1	4.3
60°-70°	6.3	2.7
70°-80°	3.5	1.5
80°-90°	1.0	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°	142.9	60.6
0°-40°	190.7	80.8
0°-60°	225.2	95.4
0°-90°	236.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	236.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	266	
5°	258	24
15°	203	56
25°	137	63
35°	76	48
45°	31	24
55°	10	10
65°	6	6
75°	3	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	266.2
1°	266.5
2°	265.3
3°	263.8
4°	261.4
5°	258.1
6°	254.2
7°	250.0
8°	245.5
9°	240.1
10°	234.7
12.5°	219.1
15°	202.7
17.5°	185.9
20°	169.1
22.5°	152.3
25°	137.0
27.5°	121.7
30°	105.8
32.5°	90.8
35°	76.1
37.5°	63.3
40°	50.7
42.5°	39.9
45°	30.9
47.5°	23.4
50°	17.4
52.5°	12.9
55°	10.2
57.5°	9.3
60°	8.1
62.5°	7.2
65°	6.3
67.5°	5.4
70°	4.8
72.5°	3.9
75°	3.3
77.5°	2.7
80°	2.1
82.5°	1.5
85°	0.9
87.5°	0.3
90°	0.0

(END OF REPORT)