

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: P1255227

Luminaire Tested: P3AS17R609035DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255227
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R609035DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

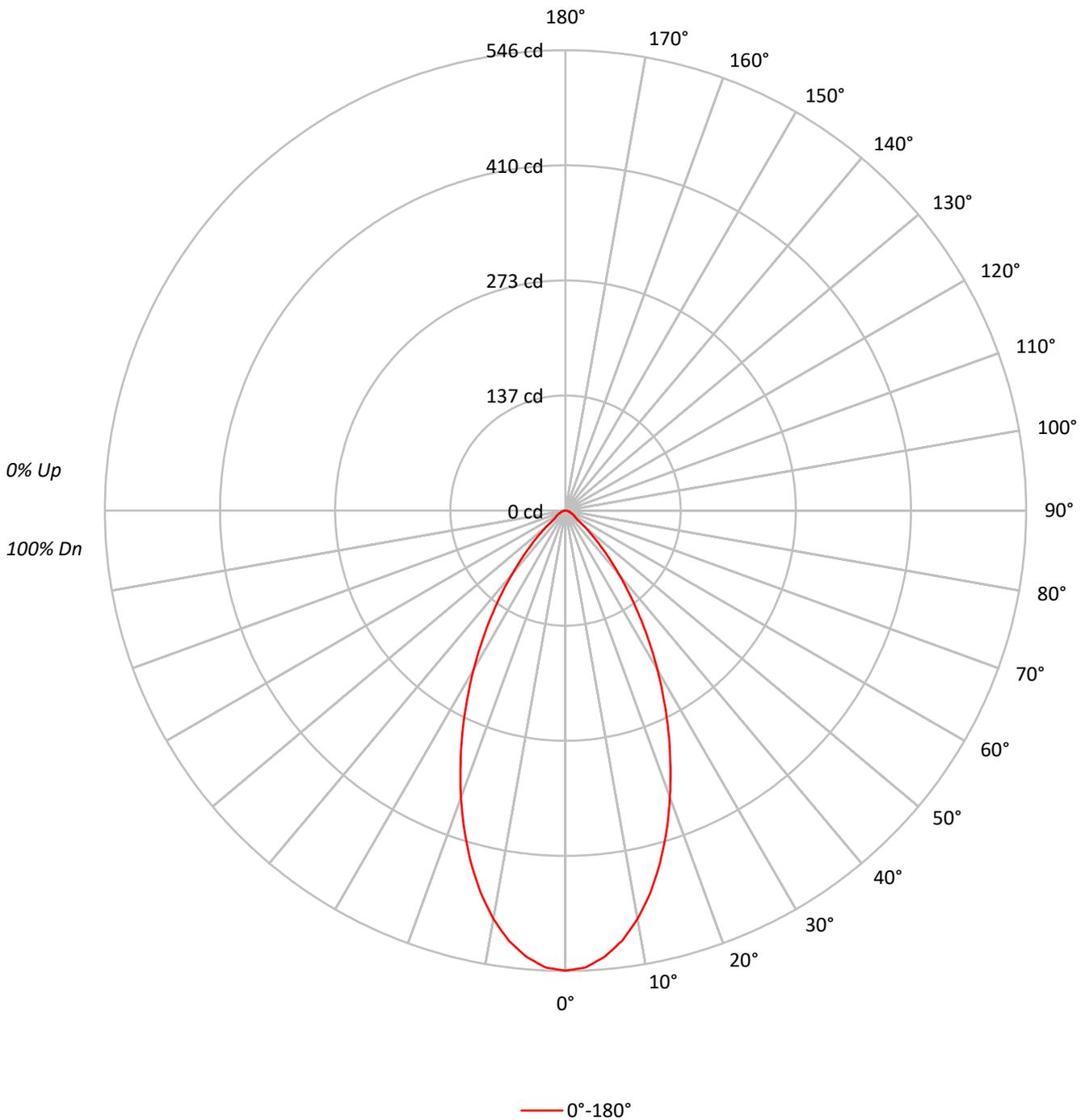
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 471.9 lumens
Efficiency: N/A
Efficacy: 22.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85				85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78				78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	67	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	58				58
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	119618
5°	116927
10°	109484
15°	98207
20°	84451
25°	69827
30°	55173
35°	40984
40°	28224
45°	17707
50°	9722
55°	5696
60°	5131
65°	4358
70°	3719
75°	3813
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17707 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.5	10.5
10°-20°	120.2	25.5
20°-30°	131.8	27.9
30°-40°	96.0	20.3
40°-50°	45.4	9.6
50°-60°	14.9	3.1
60°-70°	8.4	1.8
70°-80°	4.5	1.0
80°-90°	1.4	0.3
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°	301.4	63.9
0°-40°	397.4	84.2
0°-60°	457.6	97.0
0°-90°	471.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	471.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	546	
5°	531	49
15°	433	120
25°	289	132
35°	153	96
45°	57	45
55°	15	15
65°	8	8
75°	4	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	545.5
2.5°	542.3
5°	531.2
7.5°	514.4
10°	491.7
12.5°	464.4
15°	432.6
17.5°	398.3
20°	361.9
22.5°	325.0
25°	288.6
27.5°	252.3
30°	217.9
32.5°	184.9
35°	153.1
37.5°	124.5
40°	98.6
42.5°	75.9
45°	57.1
47.5°	41.5
50°	28.5
52.5°	18.8
55°	14.9
57.5°	13.0
60°	11.7
62.5°	9.7
65°	8.4
67.5°	7.1
70°	5.8
72.5°	5.2
75°	4.5
77.5°	3.2
80°	2.6
82.5°	1.9
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)