

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: P1247985

Luminaire Tested: P3AS02R159027DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247985
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159027DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

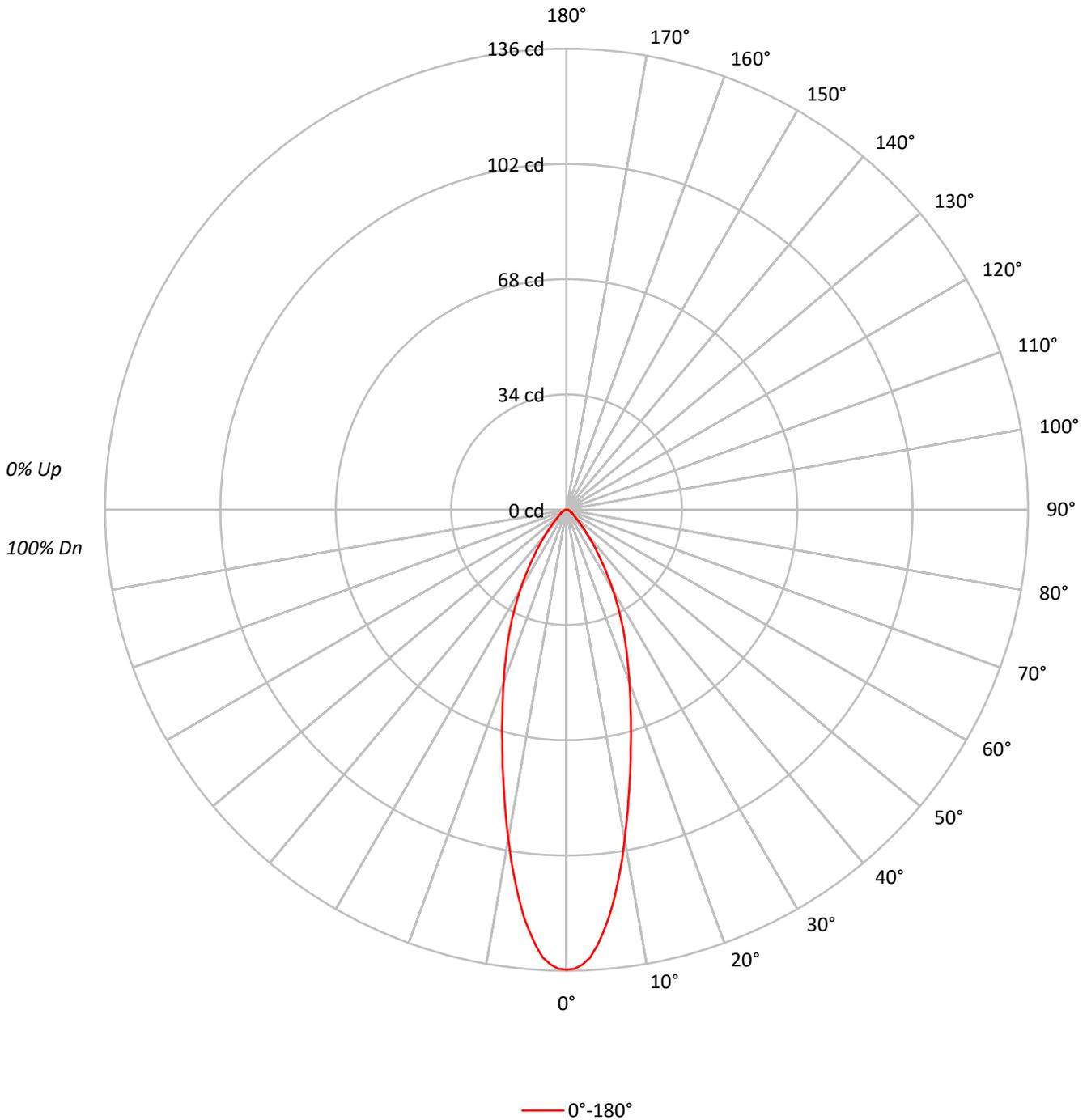
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 68.9 lumens
Efficiency: N/A
Efficacy: 19.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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				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	108	106	111	108	106	104	104	102	101	101	99	98	97	96	95	93				93
2	108	103	99	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86				86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80				80
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	82	79	77	75				75
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70				70
6	88	79	74	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66				66
7	84	75	69	65	83	74	69	65	73	68	65	72	67	64	71	67	64	62				62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	68	63	60	59				59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	58	64	60	57	56				56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	58	55	53				53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	29756
5°	27493
10°	21955
15°	16595
20°	12624
25°	9630
30°	6887
35°	4497
40°	2748
45°	1675
50°	1092
55°	841
60°	746
65°	623
70°	577
75°	593
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1675 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.1	16.1
10°-20°	20.4	29.6
20°-30°	18.2	26.4
30°-40°	10.7	15.6
40°-50°	4.4	6.4
50°-60°	2.1	3.0
60°-70°	1.3	1.8
70°-80°	0.7	1.0
80°-90°	0.1	0.2
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°	49.7	72.0
0°-40°	60.4	87.6
0°-60°	66.9	97.0
0°-90°	68.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	68.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	136	
5°	125	11
15°	73	20
25°	40	18
35°	17	11
45°	5	4
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	135.7
1°	135.4
2°	134.3
3°	132.3
4°	129.0
5°	124.9
6°	120.6
7°	115.4
8°	110.0
9°	104.5
10°	98.6
12.5°	85.0
15°	73.1
17.5°	62.7
20°	54.1
22.5°	46.5
25°	39.8
27.5°	33.3
30°	27.2
32.5°	21.7
35°	16.8
37.5°	12.9
40°	9.6
42.5°	7.2
45°	5.4
47.5°	4.1
50°	3.2
52.5°	2.7
55°	2.2
57.5°	1.9
60°	1.7
62.5°	1.5
65°	1.2
67.5°	1.1
70°	0.9
72.5°	0.8
75°	0.7
77.5°	0.4
80°	0.3
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)