

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: P1252196

Luminaire Tested: P3AS13R709030DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252196
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R709030DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

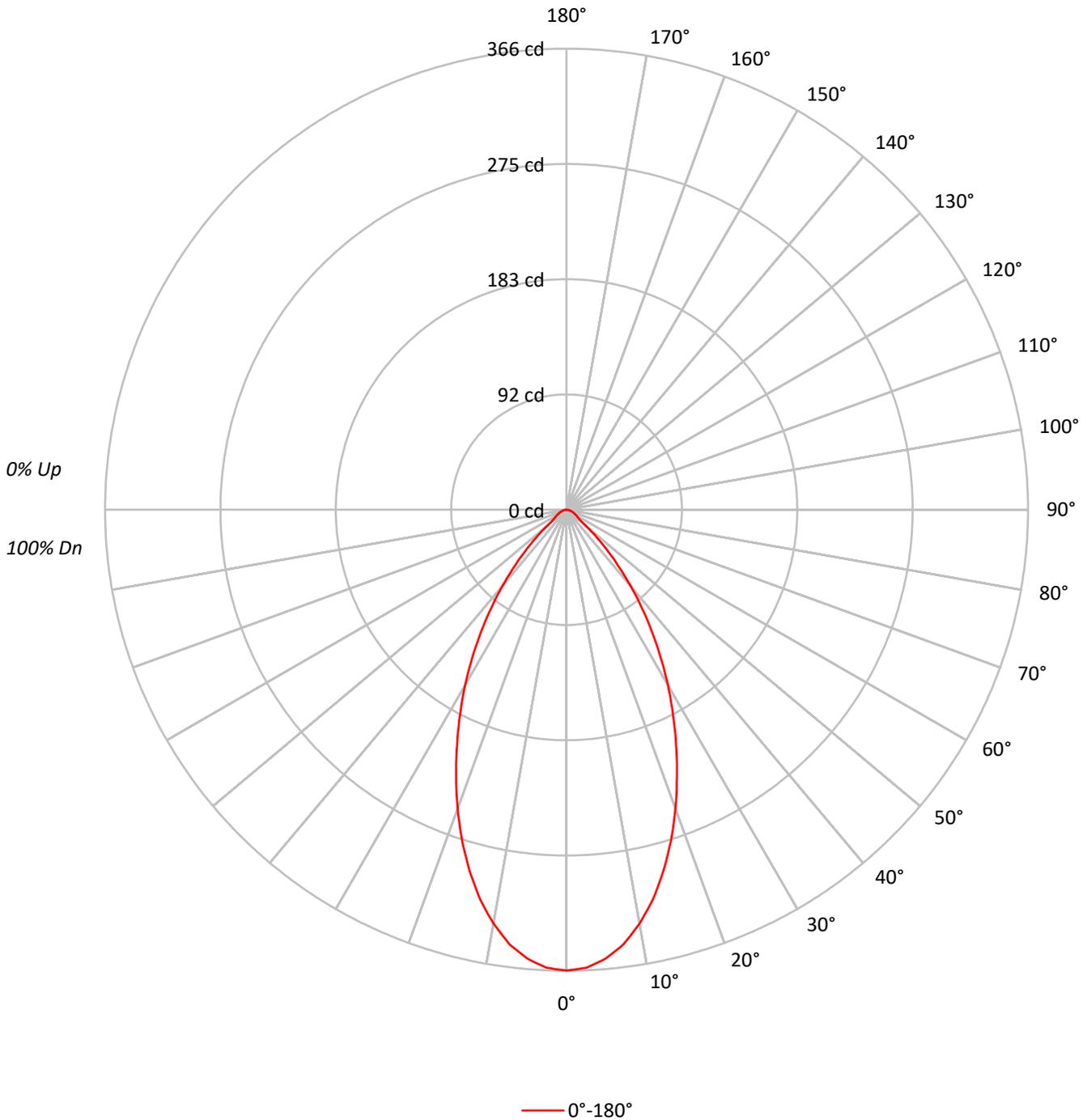
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 342.0 lumens
Efficiency: N/A
Efficacy: 23.4 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92				92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84				84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77				77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71				71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65				65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61				61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56				56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	80213
5°	78736
10°	74258
15°	67401
20°	58945
25°	49721
30°	40715
35°	31588
40°	22614
45°	14296
50°	7130
55°	4358
60°	3772
65°	3476
70°	3077
75°	2796
80°	2399
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14296 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.4	9.8
10°-20°	82.6	24.1
20°-30°	94.1	27.5
30°-40°	73.6	21.5
40°-50°	36.1	10.6
50°-60°	11.1	3.2
60°-70°	6.6	1.9
70°-80°	3.5	1.0
80°-90°	1.0	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°	210.1	61.4
0°-40°	283.6	82.9
0°-60°	330.9	96.7
0°-90°	342.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	342.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	366	
5°	358	33
15°	297	83
25°	206	94
35°	118	74
45°	46	36
55°	11	11
65°	7	7
75°	3	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	365.8
2.5°	363.9
5°	357.7
7.5°	347.8
10°	333.5
12.5°	316.8
15°	296.9
17.5°	275.4
20°	252.6
22.5°	228.8
25°	205.5
27.5°	182.7
30°	160.8
32.5°	138.9
35°	118.0
37.5°	98.0
40°	79.0
42.5°	61.4
45°	46.1
47.5°	32.3
50°	20.9
52.5°	13.8
55°	11.4
57.5°	10.0
60°	8.6
62.5°	7.6
65°	6.7
67.5°	5.7
70°	4.8
72.5°	3.8
75°	3.3
77.5°	2.9
80°	1.9
82.5°	1.4
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)