

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: P1249431

Luminaire Tested: P3AS13R609027DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249431
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R609027DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

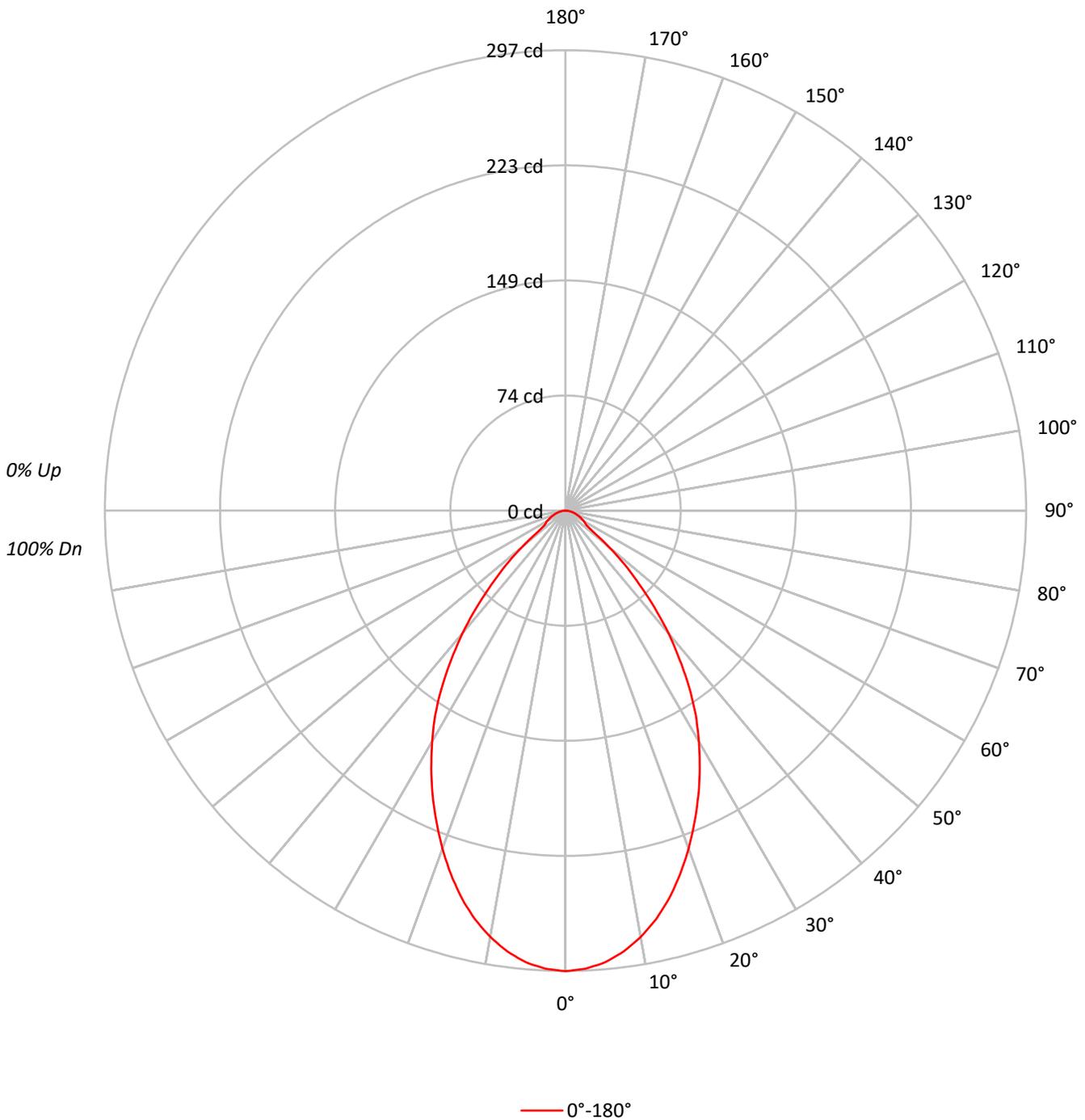
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 367.0 lumens
Efficiency: N/A
Efficacy: 25.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
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	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91				91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82				82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74				74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67				67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61				61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56				56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51				51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47				47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44				44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41				41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65148
5°	64407
10°	62190
15°	58752
20°	54161
25°	49043
30°	43526
35°	37209
40°	29570
45°	20870
50°	12452
55°	6308
60°	6052
65°	5552
70°	5129
75°	4914
80°	4546
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 20870 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.5	7.5
10°-20°	72.3	19.7
20°-30°	92.9	25.3
30°-40°	86.1	23.5
40°-50°	52.4	14.3
50°-60°	17.5	4.8
60°-70°	10.6	2.9
70°-80°	6.0	1.6
80°-90°	1.7	0.5
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°	192.7	52.5
0°-40°	278.8	76.0
0°-60°	348.7	95.0
0°-90°	367.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	367.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	297	
5°	293	28
15°	259	72
25°	203	93
35°	139	86
45°	67	52
55°	16	17
65°	11	11
75°	6	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	297.1
2.5°	295.8
5°	292.6
7.5°	286.9
10°	279.3
12.5°	269.9
15°	258.8
17.5°	245.9
20°	232.1
22.5°	217.4
25°	202.7
27.5°	187.5
30°	171.9
32.5°	156.3
35°	139.0
37.5°	120.7
40°	103.3
42.5°	85.1
45°	67.3
47.5°	52.1
50°	36.5
52.5°	21.8
55°	16.5
57.5°	15.1
60°	13.8
62.5°	12.0
65°	10.7
67.5°	9.4
70°	8.0
72.5°	6.7
75°	5.8
77.5°	4.5
80°	3.6
82.5°	2.2
85°	1.3
87.5°	0.9
90°	0.0

(END OF REPORT)