

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: P1262650

Luminaire Tested: P3AS13R259727DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262650
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259727DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

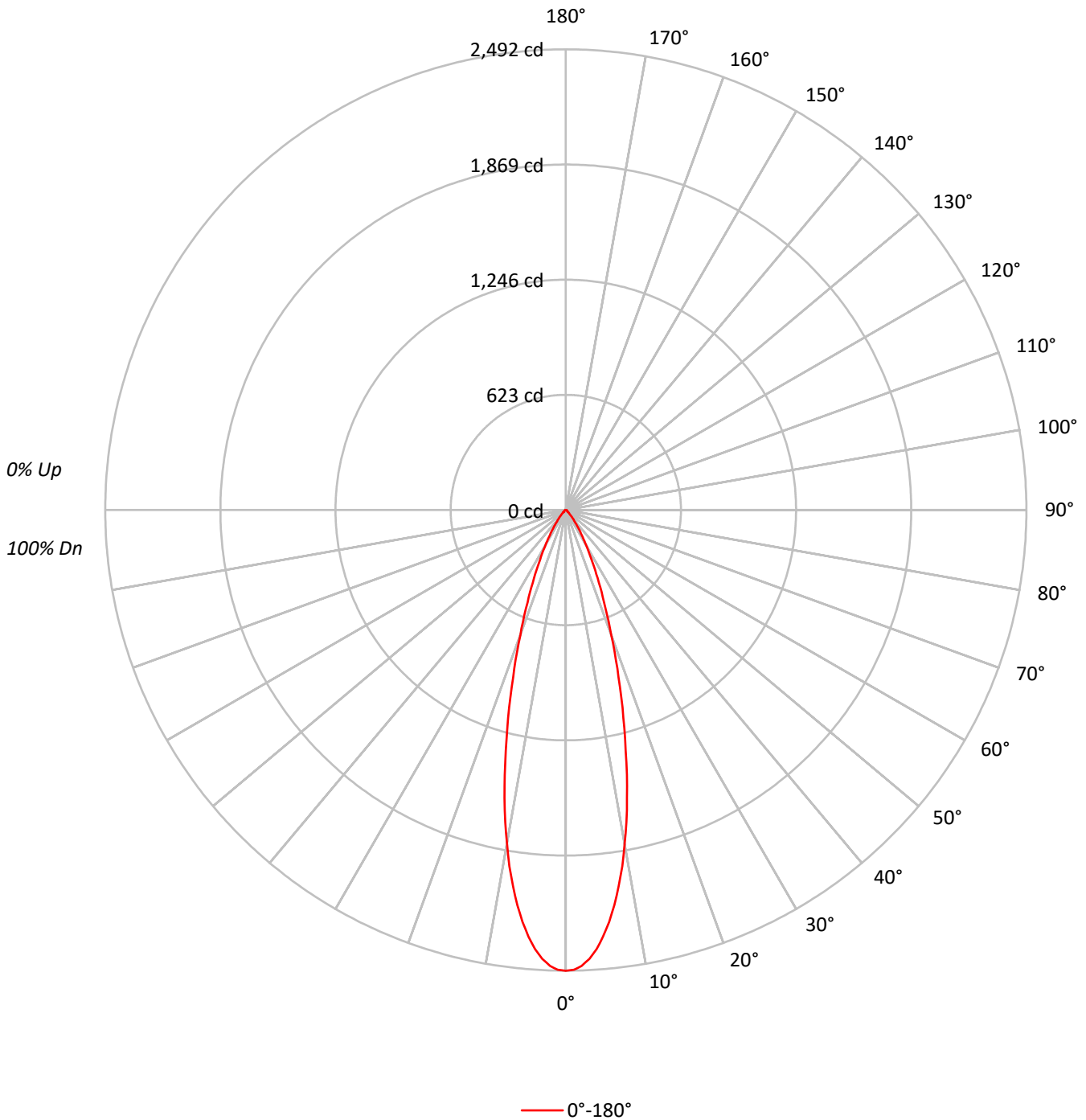
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 852.0 lumens
Efficiency: N/A
Efficacy: 58.4 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
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			
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	91
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	88
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	85	85
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	85
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	82	82
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	76	76
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	73	73
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	73	73
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	71	71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	546535
5°	509904
10°	408476
15°	277255
20°	167781
25°	98111
30°	55882
35°	30731
40°	16316
45°	8590
50°	5015
55°	3747
60°	3201
65°	3373
70°	3142
75°	2796
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8590 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.6	24.1
10°-20°	335.8	39.4
20°-30°	191.9	22.5
30°-40°	75.7	8.9
40°-50°	23.2	2.7
50°-60°	9.2	1.1
60°-70°	6.1	0.7
70°-80°	3.4	0.4
80°-90°	1.1	0.1
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°	733.2	86.1
0°-40°	808.9	94.9
0°-60°	841.3	98.7
0°-90°	852.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	852.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2492	
5°	2316	206
15°	1221	336
25°	406	192
35°	115	76
45°	28	23
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2492.4
1°	2487.5
2°	2467.1
3°	2431.3
4°	2381.6
5°	2316.5
6°	2239.9
7°	2153.6
8°	2053.5
9°	1950.9
10°	1834.5
11°	1719.7
12°	1593.4
13°	1468.9
14°	1341.0
15°	1221.3
17.5°	946.9
20°	719.0
22.5°	539.8
25°	405.5
27.5°	300.5
30°	220.7
32.5°	159.6
35°	114.8
37.5°	81.4
40°	57.0
42.5°	39.1
45°	27.7
47.5°	19.5
50°	14.7
52.5°	11.4
55°	9.8
57.5°	9.0
60°	7.3
62.5°	6.5
65°	6.5
67.5°	5.7
70°	4.9
72.5°	4.1
75°	3.3
77.5°	2.4
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)