

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: P1275744

Luminaire Tested: P3AS09R309835DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275744
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309835DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

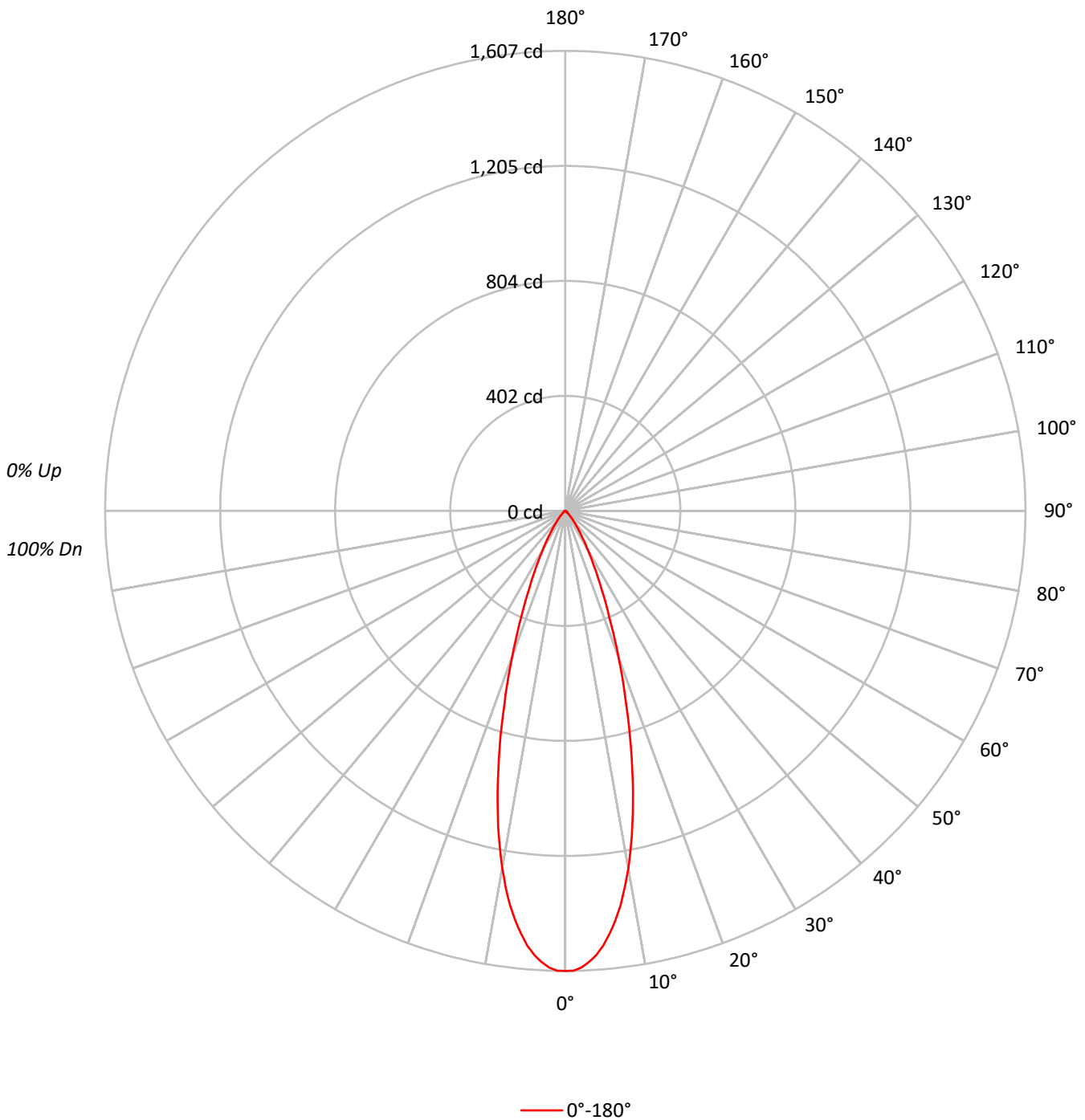
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 604.0 lumens
Efficiency: N/A
Efficacy: 54.9 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	86
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	85	83	82
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	85	82	79	78
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	81	78	76	75
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	79	75	73	71
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	76	72	70	69
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	73	70	67	66
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	71	67	65	63
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	71	67	65	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	352450
5°	335460
10°	282159
15°	203497
20°	126221
25°	71786
30°	39880
35°	21683
40°	11421
45°	6202
50°	3309
55°	2179
60°	2017
65°	2075
70°	1859
75°	1440
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6202 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.2	22.7
10°-20°	243.9	40.4
20°-30°	141.0	23.3
30°-40°	53.5	8.9
40°-50°	16.4	2.7
50°-60°	5.5	0.9
60°-70°	3.8	0.6
70°-80°	2.0	0.3
80°-90°	0.6	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°	522.1	86.5
0°-40°	575.6	95.3
0°-60°	597.6	98.9
0°-90°	604.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	604.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1607	
5°	1524	137
15°	896	244
25°	297	141
35°	81	53
45°	20	16
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1607.3
1°	1606.2
2°	1596.5
3°	1578.2
4°	1555.4
5°	1524.0
6°	1484.1
7°	1439.6
8°	1389.9
9°	1330.6
10°	1267.2
11°	1198.8
12°	1126.3
13°	1050.4
14°	973.4
15°	896.4
17.5°	706.9
20°	540.9
22.5°	401.1
25°	296.7
27.5°	215.7
30°	157.5
32.5°	113.5
35°	81.0
37.5°	56.5
40°	39.9
42.5°	28.0
45°	20.0
47.5°	13.7
50°	9.7
52.5°	6.8
55°	5.7
57.5°	5.1
60°	4.6
62.5°	4.0
65°	4.0
67.5°	3.4
70°	2.9
72.5°	2.3
75°	1.7
77.5°	1.7
80°	1.1
82.5°	1.1
85°	0.6
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)