

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: P1274182

Luminaire Tested: P3A13R609830DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274182
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R609830DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

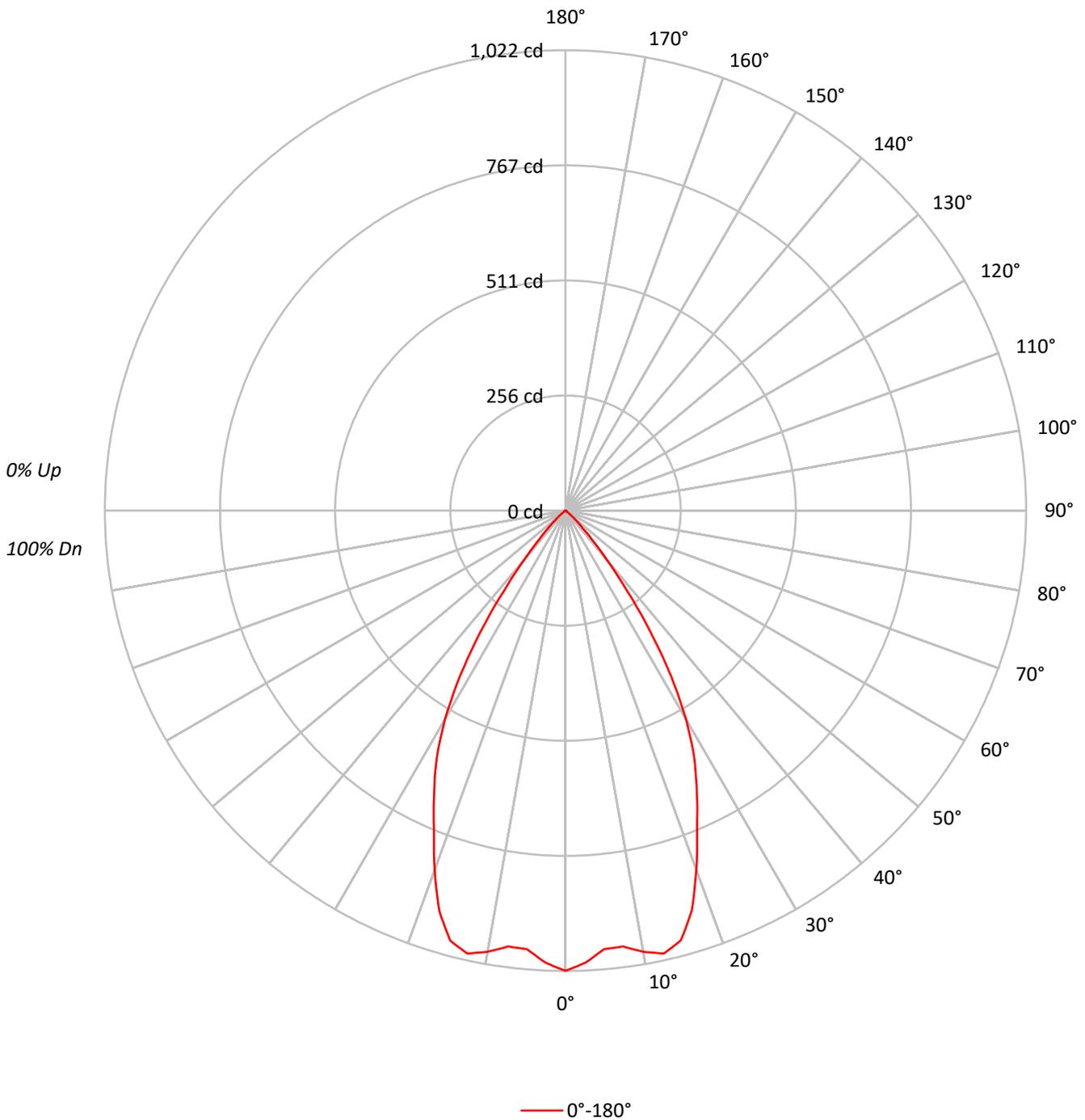
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 938.0 lumens
Efficiency: N/A
Efficacy: 64.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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	114	111	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94				94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87				87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81				81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76				76
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72	71				71
6	88	79	73	69	87	79	73	69	77	72	68	76	71	68	74	70	68	66				66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62				62
8	80	70	64	60	78	70	64	60	69	64	60	68	63	60	67	62	59	58				58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55				55
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51				51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	223995
5°	215100
10°	221461
15°	224315
20°	198071
25°	166921
30°	135388
35°	88178
40°	40504
45°	15536
50°	5185
55°	1376
60°	1272
65°	1141
70°	962
75°	1271
80°	884
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15536 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.1	10.0
10°-20°	270.6	28.8
20°-30°	315.6	33.6
30°-40°	203.7	21.7
40°-50°	45.6	4.9
50°-60°	4.6	0.5
60°-70°	2.2	0.2
70°-80°	1.3	0.1
80°-90°	0.5	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°	680.2	72.5
0°-40°	883.9	94.2
0°-60°	934.1	99.6
0°-90°	938.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	938.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1022	
5°	977	94
15°	988	271
25°	690	316
35°	329	204
45°	50	46
55°	4	5
65°	2	2
75°	2	1
85°	1	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1021.5
2.5°	1004.8
5°	977.2
7.5°	975.8
10°	994.6
12.5°	1007.0
15°	988.1
17.5°	931.5
20°	848.8
22.5°	762.5
25°	689.9
27.5°	618.8
30°	534.7
32.5°	436.0
35°	329.4
37.5°	224.9
40°	141.5
42.5°	84.9
45°	50.1
47.5°	29.0
50°	15.2
52.5°	5.1
55°	3.6
57.5°	2.9
60°	2.9
62.5°	2.2
65°	2.2
67.5°	2.2
70°	1.5
72.5°	1.5
75°	1.5
77.5°	0.7
80°	0.7
82.5°	0.7
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)