

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: P1265282

Luminaire Tested: P3A13R709730DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265282
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R709730DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

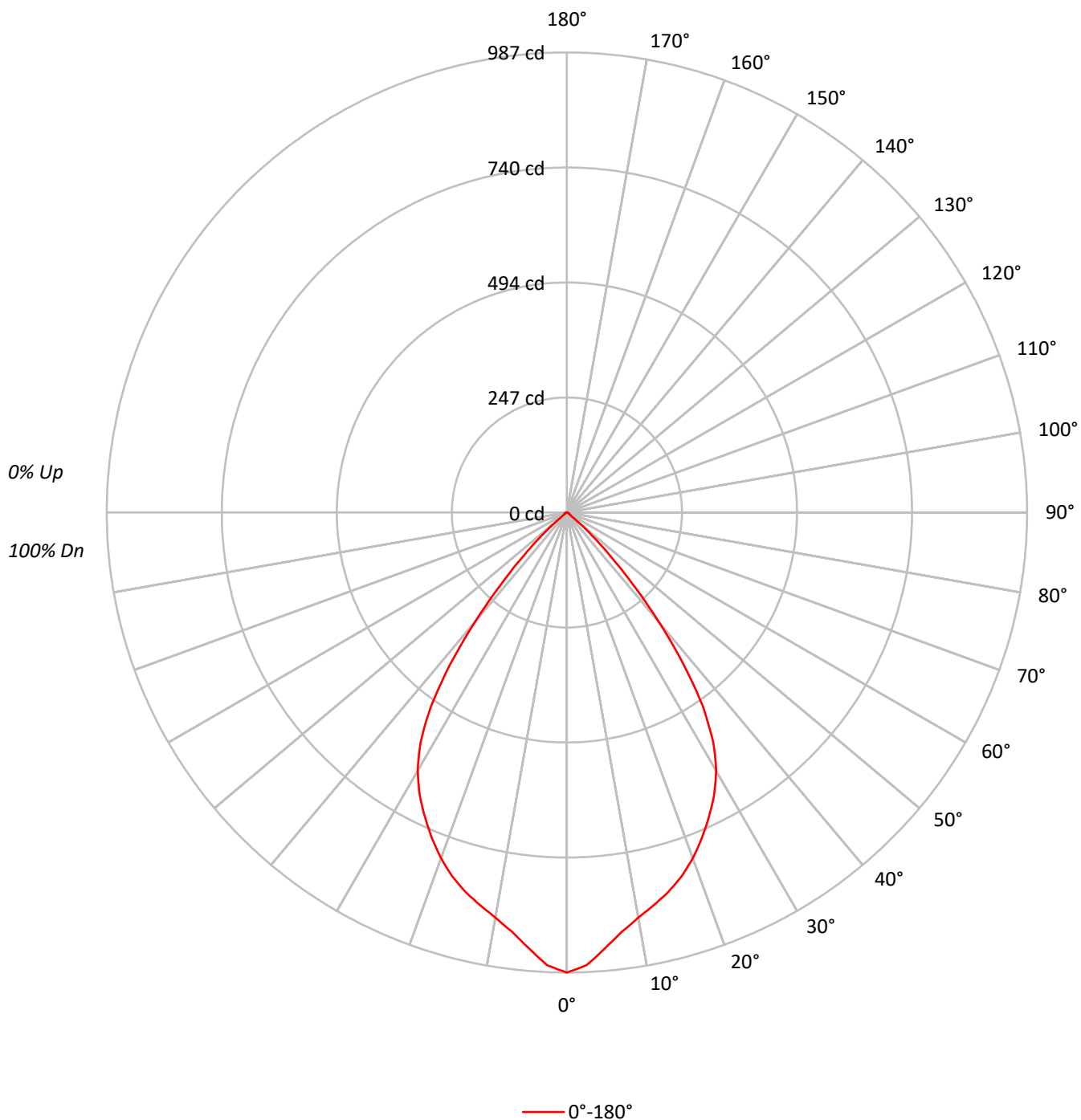
Lumens per Lamp: N/A
Luminaire Lumens: 1090.1 lumens
Efficiency: N/A
Efficacy: 74.7 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	97	94	105	100	96	93	97	94	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	95	87	81	77	94	86	81	76	84	79	75		82	78	75		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	75	69	64	83	75	69	64	73	68	64		72	67	63		70
7	80	70	64	59	79	70	64	59	68	63	59		67	62	59		66
8	76	66	59	55	75	65	59	55	64	58	55		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	50		58
10	68	58	52	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	216452
5°	206537
10°	196500
15°	191238
20°	184186
25°	174325
30°	162126
35°	136202
40°	87793
45°	40810
50°	10712
55°	2676
60°	2675
65°	2283
70°	2244
75°	2203
80°	2147
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40810 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.8	8.1
10°-20°	236.7	21.7
20°-30°	330.7	30.3
30°-40°	306.7	28.1
40°-50°	110.0	10.1
50°-60°	9.3	0.9
60°-70°	4.7	0.4
70°-80°	3.0	0.3
80°-90°	1.2	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°	655.3	60.1
0°-40°	962.0	88.2
0°-60°	1081.3	99.2
0°-90°	1090.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1090.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	987	
5°	938	88
15°	842	237
25°	720	331
35°	509	307
45°	132	110
55°	7	9
65°	4	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	987.1
2.5°	972.3
5°	938.3
7.5°	906.9
10°	882.5
12.5°	862.5
15°	842.4
17.5°	818.1
20°	789.3
22.5°	756.2
25°	720.5
27.5°	683.9
30°	640.3
32.5°	584.6
35°	508.8
37.5°	412.1
40°	306.7
42.5°	209.1
45°	131.6
47.5°	73.2
50°	31.4
52.5°	10.5
55°	7.0
57.5°	6.1
60°	6.1
62.5°	5.2
65°	4.4
67.5°	4.4
70°	3.5
72.5°	3.5
75°	2.6
77.5°	2.6
80°	1.7
82.5°	1.7
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)