

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: P1263223

Luminaire Tested: P3A17R659727DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263223
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R659727DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

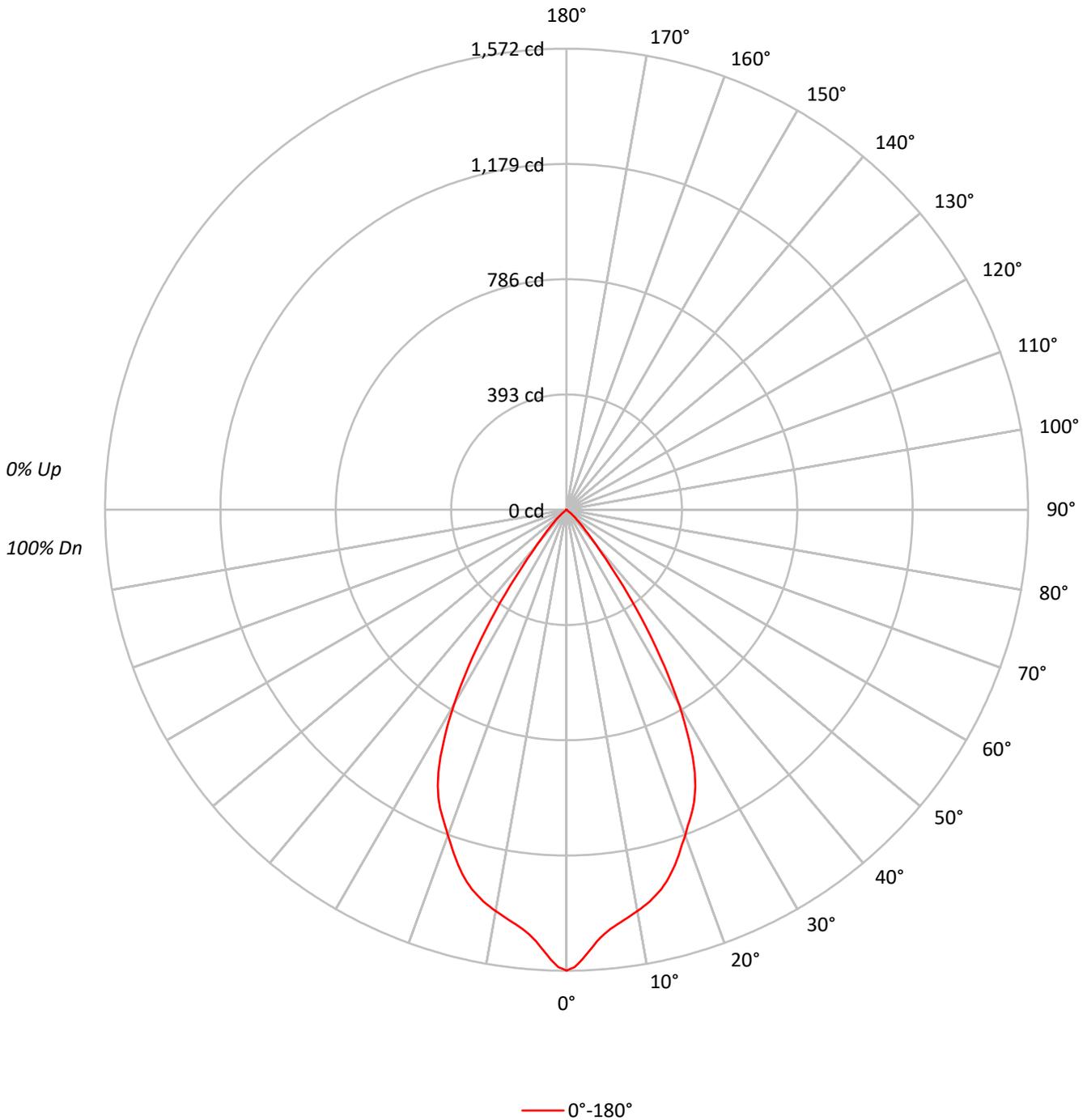
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1286.0 lumens
Efficiency: N/A
Efficacy: 60.7 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94				94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88				88
3	103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	86	83	82				82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77				77
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72				72
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67				67
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63				63
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59				59
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56				56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52				52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	344600
5°	319964
10°	309413
15°	298186
20°	275684
25°	251168
30°	194055
35°	112484
40°	44626
45°	19010
50°	4503
55°	612
60°	482
65°	259
70°	321
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19010 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.1	10.7
10°-20°	366.0	28.5
20°-30°	463.2	36.0
30°-40°	263.8	20.5
40°-50°	52.4	4.1
50°-60°	2.7	0.2
60°-70°	0.7	0.1
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	966.3	75.1
0°-40°	1230.1	95.7
0°-60°	1285.2	99.9
0°-90°	1286.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1286.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1572	
5°	1454	137
15°	1314	366
25°	1038	463
35°	420	264
45°	61	52
55°	2	3
65°	0	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1571.5
1°	1559.8
2°	1534.5
3°	1504.9
4°	1475.8
5°	1453.6
6°	1437.2
7°	1424.0
8°	1412.4
9°	1400.7
10°	1389.6
11°	1377.5
12°	1364.8
13°	1349.5
14°	1333.1
15°	1313.5
16°	1290.3
17°	1264.9
18°	1237.4
19°	1208.3
20°	1181.4
21°	1153.9
22°	1129.0
23°	1103.1
24°	1073.0
25°	1038.1
26°	996.4
27°	946.2
28°	889.6
29°	829.3
30°	766.4
31°	697.2
32°	628.5
32.5°	593.1
33°	558.7
34°	488.9
35°	420.2
36°	356.8
37°	293.9
37.5°	261.6
38°	235.7
39°	190.8
40°	155.9
42.5°	96.2
45°	61.3



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	35.9
50°	13.2
52.5°	2.6
55°	1.6
57.5°	1.1
60°	1.1
62.5°	1.1
65°	0.5
67.5°	0.5
70°	0.5
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)