

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: P1263196

Luminaire Tested: P3A17R609727DE010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263196
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R609727DE010 E3D1WH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

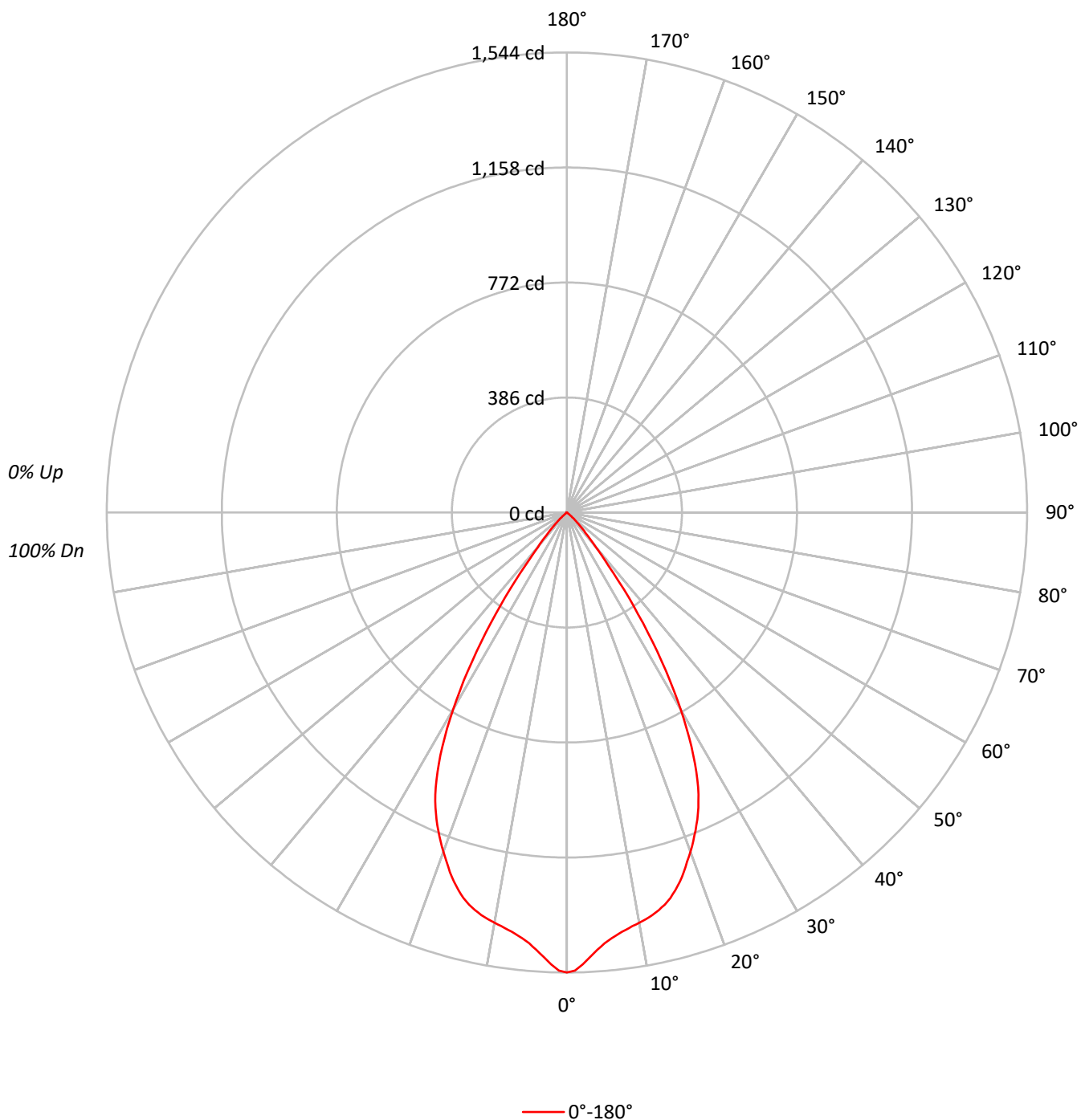
Lumens per Lamp: N/A
Luminaire Lumens: 1292.0 lumens
Efficiency: N/A
Efficacy: 60.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	338526
5°	319568
10°	311261
15°	304156
20°	282801
25°	252813
30°	193093
35°	111494
40°	43281
45°	18017
50°	3957
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: 18017 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.1	10.6
10°-20°	373.2	28.9
20°-30°	467.4	36.2
30°-40°	261.3	20.2
40°-50°	49.7	3.8
50°-60°	2.5	0.2
60°-70°	0.6	0.0
70°-80°	0.2	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°	977.7	75.7
0°-40°	1239.0	95.9
0°-60°	1291.2	99.9
0°-90°	1292.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1292.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1544	
5°	1452	137
15°	1340	373
25°	1045	467
35°	416	261
45°	58	50
55°	2	3
65°	0	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1543.8
1°	1537.4
2°	1517.4
3°	1493.6
4°	1471.4
5°	1451.8
6°	1437.0
7°	1424.3
8°	1414.8
9°	1405.8
10°	1397.9
11°	1390.0
12°	1381.0
13°	1369.9
14°	1356.7
15°	1339.8
16°	1319.2
17°	1295.9
18°	1269.5
19°	1239.4
20°	1211.9
21°	1182.3
22°	1151.6
23°	1119.4
24°	1084.0
25°	1044.9
26°	998.9
27°	947.6
28°	890.0
29°	828.7
30°	762.6
31°	696.1
32°	627.3
32.5°	589.8
33°	556.0
34°	485.7
35°	416.5
36°	354.1
37°	288.0
37.5°	257.9
38°	228.3
39°	183.9
40°	151.2
42.5°	92.0
45°	58.1



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	32.2
50°	11.6
52.5°	2.6
55°	1.6
57.5°	1.1
60°	1.1
62.5°	0.5
65°	0.5
67.5°	0.5
70°	0.5
72.5°	0.5
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)