

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: P1247438

Luminaire Tested: P3A17R609024DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247438
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: P3A17R609024DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

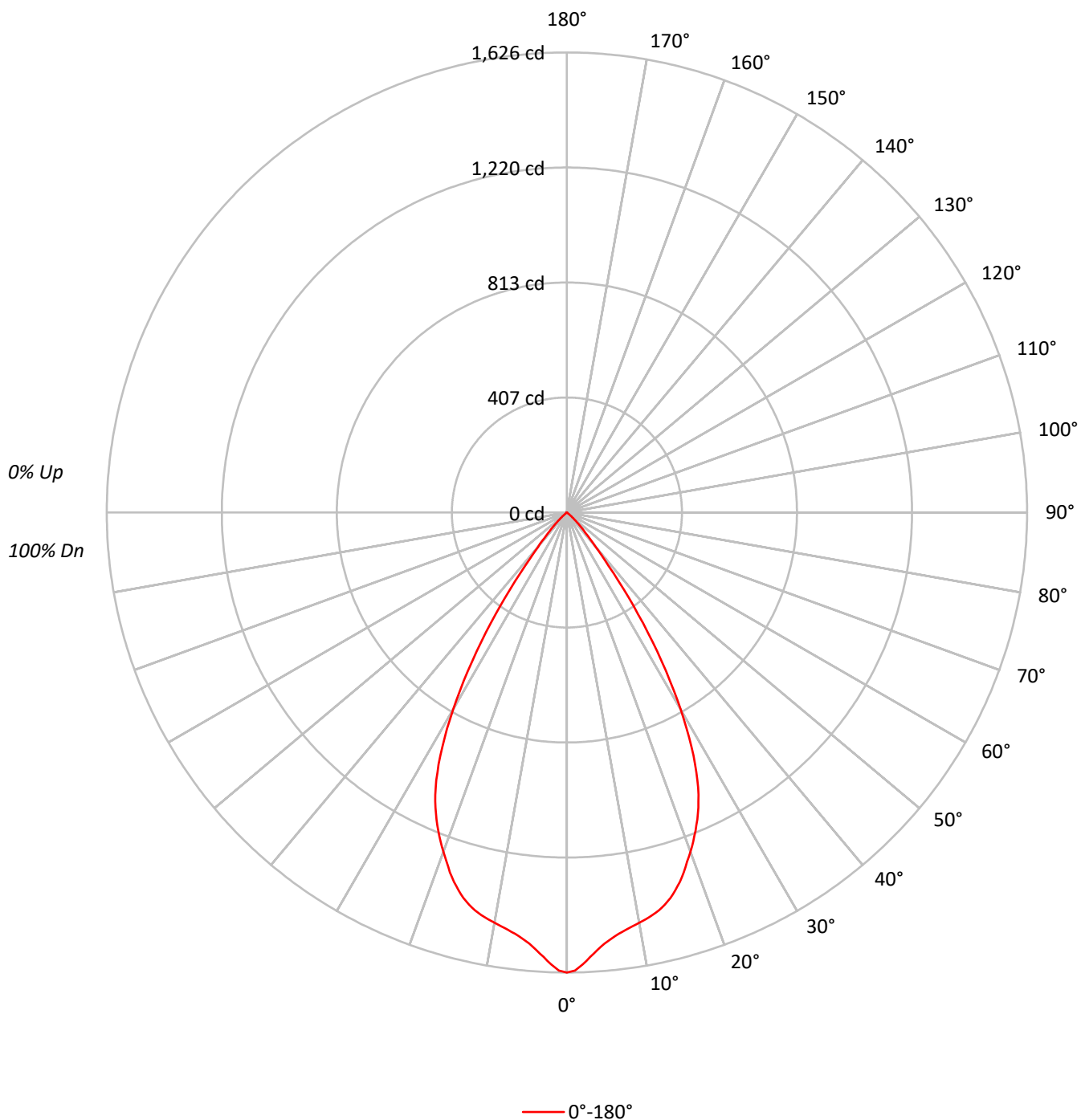
Lumens per Lamp: N/A
Luminaire Lumens: 1361.0 lumens
Efficiency: N/A
Efficacy: 64.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1247438

CATALOG NUMBER: P3A17R609024DE010 E3D1WMH

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°	356594
5°	336649
10°	327894
15°	320388
20°	297899
25°	266314
30°	203424
35°	117437
40°	45571
45°	18979
50°	4162
55°	650
60°	482
65°	311
70°	385
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18979 cd/sqm

TEST NUMBER: P1247438

CATALOG NUMBER: P3A17R609024DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.4	10.6
10°-20°	393.1	28.9
20°-30°	492.4	36.2
30°-40°	275.2	20.2
40°-50°	52.3	3.8
50°-60°	2.7	0.2
60°-70°	0.7	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°	1029.9	75.7
0°-40°	1305.2	95.9
0°-60°	1360.1	99.9
0°-90°	1361.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1361.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1626	
5°	1529	144
15°	1411	393
25°	1101	492
35°	439	275
45°	61	52
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1247438

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1626.2
1°	1619.6
2°	1598.4
3°	1573.3
4°	1550.0
5°	1529.4
6°	1513.8
7°	1500.4
8°	1490.4
9°	1480.9
10°	1472.6
11°	1464.2
12°	1454.8
13°	1443.1
14°	1429.1
15°	1411.3
16°	1389.6
17°	1365.1
18°	1337.3
19°	1305.5
20°	1276.6
21°	1245.4
22°	1213.1
23°	1179.2
24°	1141.9
25°	1100.7
26°	1052.2
27°	998.2
28°	937.5
29°	873.0
30°	803.4
31°	733.2
32°	660.8
32.5°	621.3
33°	585.7
34°	511.6
35°	438.7
36°	373.0
37°	303.4
37.5°	271.7
38°	240.5
39°	193.7
40°	159.2
42.5°	96.9
45°	61.2



TEST NUMBER: P1247438

CATALOG NUMBER: P3A17R609024DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	34.0
50°	12.2
52.5°	2.8
55°	1.7
57.5°	1.1
60°	1.1
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.6
72.5°	0.6
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)