

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: P1247500

Luminaire Tested: P3A17R709024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247500
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R709024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

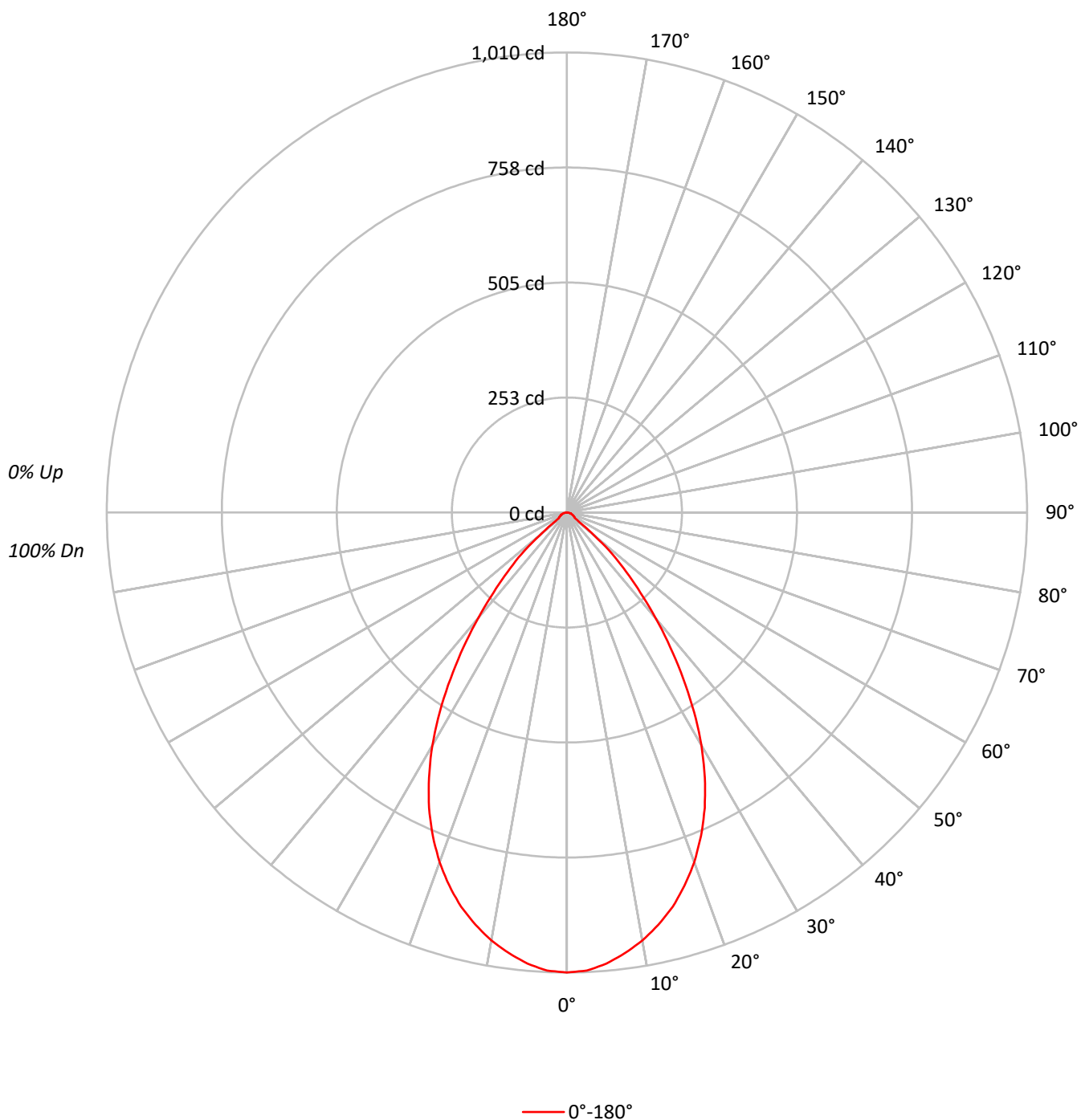
Lumens per Lamp: N/A
Luminaire Lumens: 1144.0 lumens
Efficiency: N/A
Efficacy: 54.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1247500

CATALOG NUMBER: P3A17R709024DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1247500

CATALOG NUMBER: P3A17R709024DE010 E3DL1MW

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	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	221473
5°	218820
10°	212488
15°	203497
20°	190603
25°	173163
30°	149593
35°	119203
40°	86820
45°	57060
50°	26745
55°	8258
60°	7982
65°	7679
70°	7309
75°	7710
80°	7198
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57060 cd/sqm

TEST NUMBER: P1247500

CATALOG NUMBER: P3A17R709024DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.6	8.2
10°-20°	250.9	21.9
20°-30°	326.0	28.5
30°-40°	276.7	24.2
40°-50°	142.6	12.5
50°-60°	27.5	2.4
60°-70°	14.9	1.3
70°-80°	9.1	0.8
80°-90°	2.6	0.2
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°	670.5	58.6
0°-40°	947.2	82.8
0°-60°	1117.3	97.7
0°-90°	1144.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1144.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1010	
5°	994	94
15°	896	251
25°	716	326
35°	445	277
45°	184	143
55°	22	27
65°	15	15
75°	9	9
85°	2	3
90°	0	

TEST NUMBER: P1247500

CATALOG NUMBER: P3A17R709024DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	1010.0
2.5°	1006.6
5°	994.1
7.5°	975.9
10°	954.3
12.5°	927.0
15°	896.4
17.5°	858.9
20°	816.8
22.5°	769.1
25°	715.7
27.5°	655.5
30°	590.8
32.5°	519.2
35°	445.3
37.5°	372.6
40°	303.3
42.5°	238.6
45°	184.0
47.5°	135.2
50°	78.4
52.5°	34.1
55°	21.6
57.5°	20.4
60°	18.2
62.5°	17.0
65°	14.8
67.5°	13.6
70°	11.4
72.5°	10.2
75°	9.1
77.5°	6.8
80°	5.7
82.5°	3.4
85°	2.3
87.5°	1.1
90°	0.0

(END OF REPORT)