

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: P1247250

Luminaire Tested: P3A17R259024DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247250
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R259024DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

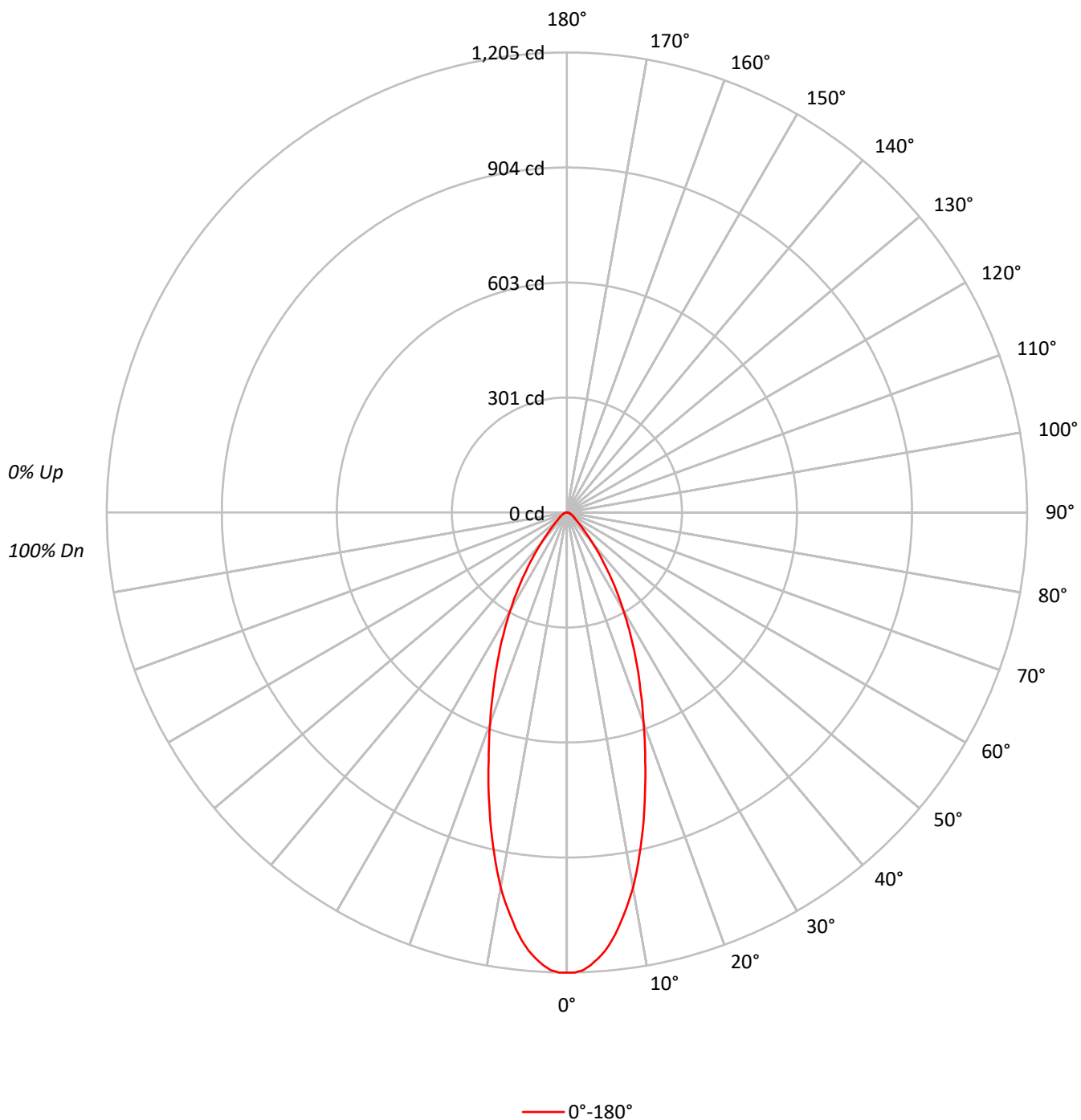
Lumens per Lamp: N/A
Luminaire Lumens: 728.0 lumens
Efficiency: N/A
Efficacy: 34.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1247250

CATALOG NUMBER: P3A17R259024DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1247250

CATALOG NUMBER: P3A17R259024DE010 E3DLP1MW

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	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	264299
5°	253576
10°	222129
15°	178548
20°	137189
25°	103796
30°	74999
35°	49818
40°	30228
45°	17583
50°	11224
55°	9099
60°	7982
65°	7057
70°	5834
75°	5761
80°	4293
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17583 cd/sqm

TEST NUMBER: P1247250

CATALOG NUMBER: P3A17R259024DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.9	14.4
10°-20°	217.5	29.9
20°-30°	196.7	27.0
30°-40°	118.1	16.2
40°-50°	46.9	6.4
50°-60°	21.6	3.0
60°-70°	13.2	1.8
70°-80°	7.0	1.0
80°-90°	2.0	0.3
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°	519.0	71.3
0°-40°	637.2	87.5
0°-60°	705.7	96.9
0°-90°	728.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	728.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1205	
5°	1152	105
15°	786	217
25°	429	197
35°	186	118
45°	57	47
55°	24	22
65°	14	13
75°	7	7
85°	2	2
90°	0	

TEST NUMBER: P1247250

CATALOG NUMBER: P3A17R259024DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1205.3
1°	1205.3
2°	1199.6
3°	1187.2
4°	1171.3
5°	1152.0
6°	1127.0
7°	1098.6
8°	1065.7
9°	1032.8
10°	997.6
11°	956.8
12°	914.8
13°	872.8
14°	830.8
15°	786.5
17.5°	682.1
20°	587.9
22.5°	502.8
25°	429.0
27.5°	359.8
30°	296.2
32.5°	238.3
35°	186.1
37.5°	141.9
40°	105.6
42.5°	77.2
45°	56.7
47.5°	43.1
50°	32.9
52.5°	27.2
55°	23.8
57.5°	20.4
60°	18.2
62.5°	14.8
65°	13.6
67.5°	11.3
70°	9.1
72.5°	7.9
75°	6.8
77.5°	5.7
80°	3.4
82.5°	2.3
85°	2.3
87.5°	1.1



TEST NUMBER: P1247250

CATALOG NUMBER: P3A17R259024DE010 E3DLP1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)