

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: P1263213

Luminaire Tested: P3A17R609727DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263213
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R609727DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

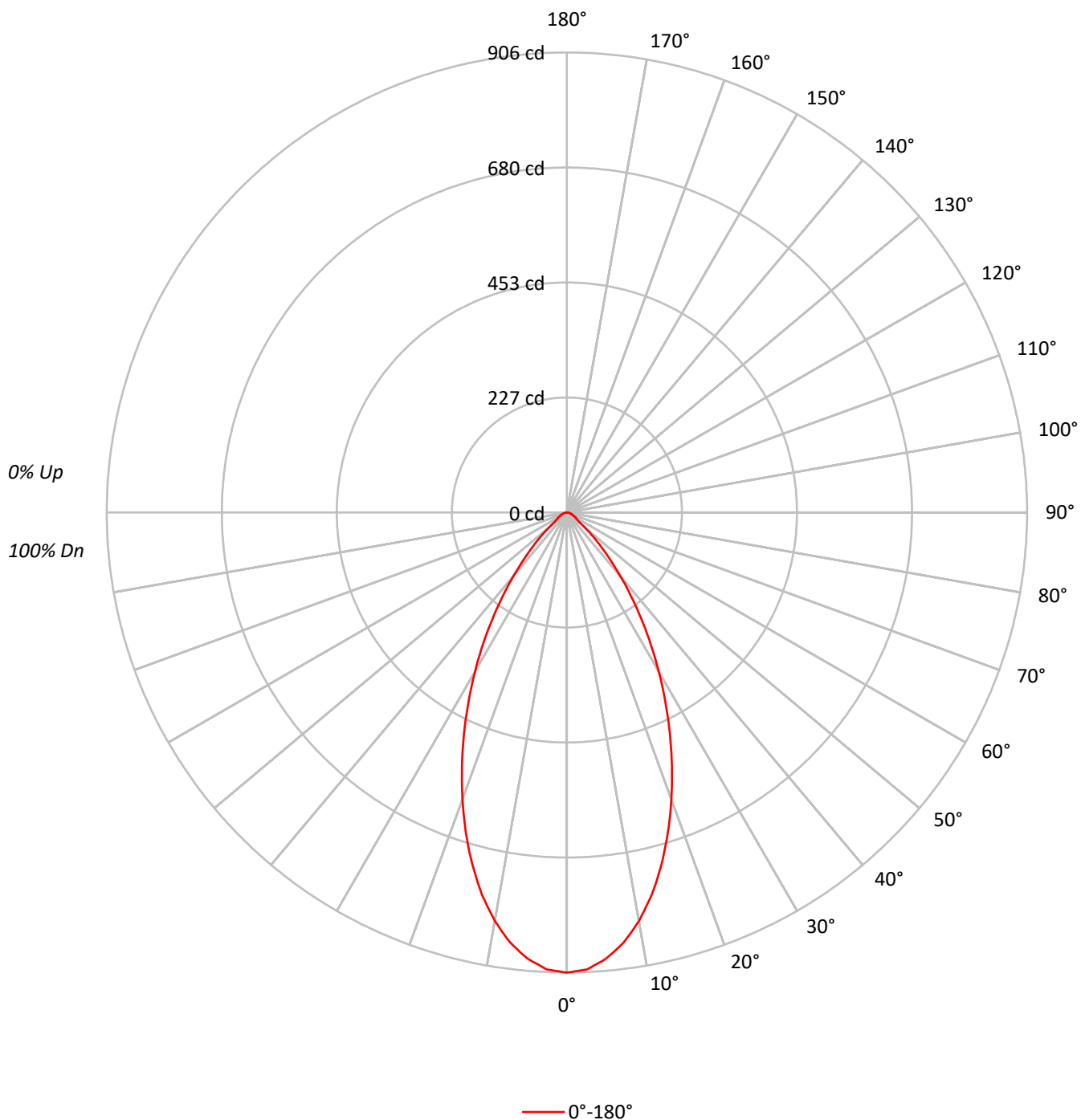
Lumens per Lamp: N/A
Luminaire Lumens: 784.0 lumens
Efficiency: N/A
Efficacy: 37.0 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1263213

CATALOG NUMBER: P3A17R609727DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1263213

CATALOG NUMBER: P3A17R609727DE010 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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	198690
5°	194232
10°	181849
15°	163134
20°	140292
25°	115991
30°	91660
35°	68074
40°	46888
45°	29398
50°	16170
55°	9481
60°	8508
65°	7264
70°	6219
75°	6354
80°	5430
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29398 cd/sqm

TEST NUMBER: P1263213

CATALOG NUMBER: P3A17R609727DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.1	10.5
10°-20°	199.6	25.5
20°-30°	218.9	27.9
30°-40°	159.5	20.3
40°-50°	75.4	9.6
50°-60°	24.7	3.1
60°-70°	14.0	1.8
70°-80°	7.5	1.0
80°-90°	2.4	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°	500.6	63.9
0°-40°	660.1	84.2
0°-60°	760.2	97.0
0°-90°	784.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	784.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	906	
5°	882	82
15°	719	200
25°	479	219
35°	254	160
45°	95	75
55°	25	25
65°	14	14
75°	8	8
85°	2	2
90°	0	

TEST NUMBER: P1263213

CATALOG NUMBER: P3A17R609727DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	906.1
2.5°	900.7
5°	882.4
7.5°	854.4
10°	816.7
12.5°	771.4
15°	718.6
17.5°	661.5
20°	601.2
22.5°	539.8
25°	479.4
27.5°	419.1
30°	362.0
32.5°	307.1
35°	254.3
37.5°	206.9
40°	163.8
42.5°	126.1
45°	94.8
47.5°	69.0
50°	47.4
52.5°	31.2
55°	24.8
57.5°	21.5
60°	19.4
62.5°	16.2
65°	14.0
67.5°	11.9
70°	9.7
72.5°	8.6
75°	7.5
77.5°	5.4
80°	4.3
82.5°	3.2
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)