

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: P1270350

Luminaire Tested: P3A17R609740DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270350
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: P3A17R609740DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

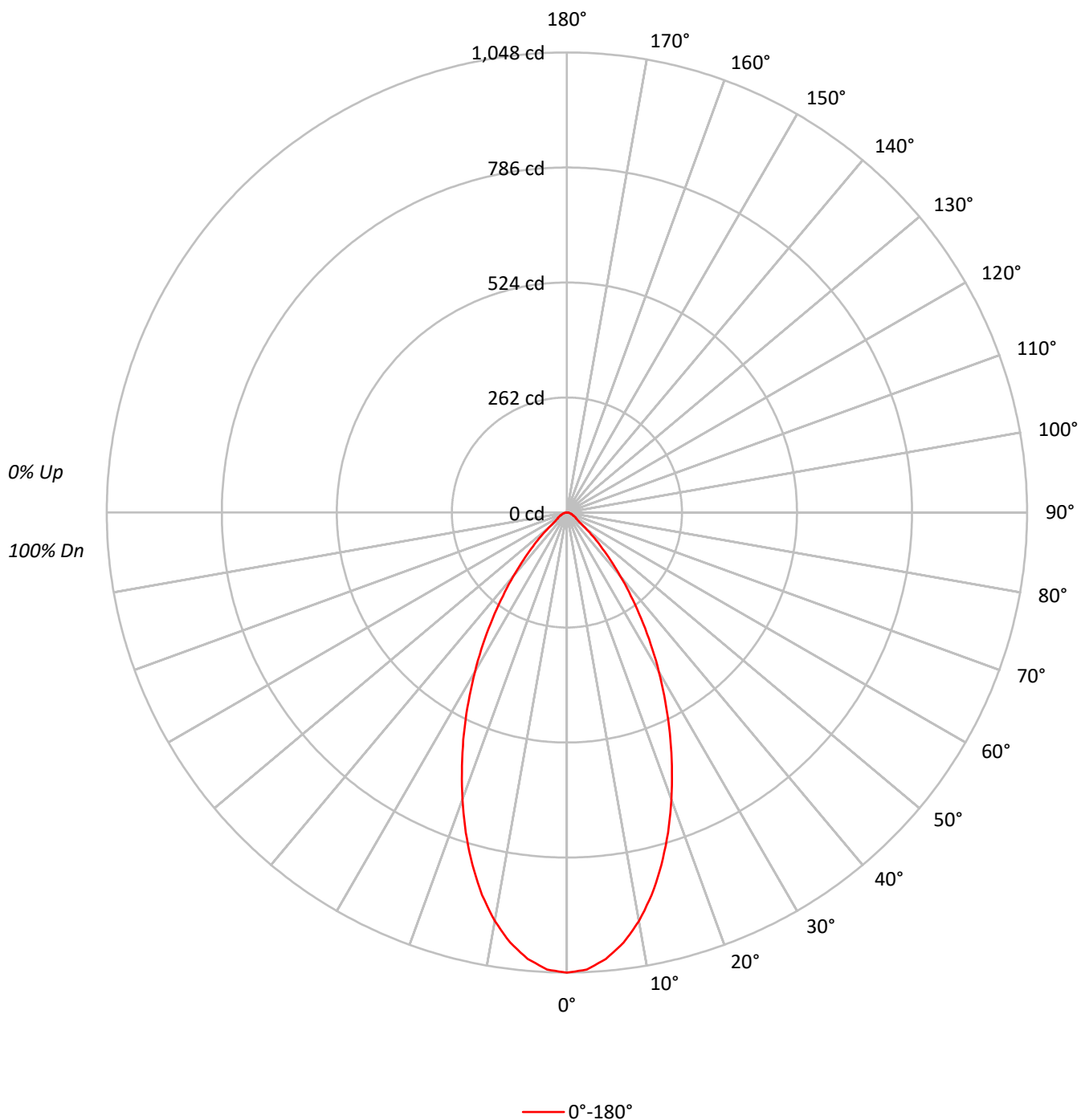
Lumens per Lamp: N/A
Luminaire Lumens: 907.0 lumens
Efficiency: N/A
Efficacy: 42.8 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270350

CATALOG NUMBER: P3A17R609740DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1270350

CATALOG NUMBER: P3A17R609740DE010 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°	229872
5°	224697
10°	210372
15°	188741
20°	162297
25°	134209
30°	106042
35°	78755
40°	54244
45°	34019
50°	18694
55°	10972
60°	9824
65°	8406
70°	7181
75°	7371
80°	6314
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34019 cd/sqm

TEST NUMBER: P1270350

CATALOG NUMBER: P3A17R609740DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.0	10.5
10°-20°	230.9	25.5
20°-30°	253.3	27.9
30°-40°	184.5	20.3
40°-50°	87.2	9.6
50°-60°	28.5	3.1
60°-70°	16.2	1.8
70°-80°	8.7	1.0
80°-90°	2.7	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°	579.2	63.9
0°-40°	763.7	84.2
0°-60°	879.4	97.0
0°-90°	907.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	907.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1048	
5°	1021	95
15°	831	231
25°	555	253
35°	294	185
45°	110	87
55°	29	29
65°	16	16
75°	9	9
85°	2	3
90°	0	

TEST NUMBER: P1270350

CATALOG NUMBER: P3A17R609740DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1048.3
2.5°	1042.0
5°	1020.8
7.5°	988.4
10°	944.8
12.5°	892.4
15°	831.4
17.5°	765.3
20°	695.5
22.5°	624.5
25°	554.7
27.5°	484.9
30°	418.8
32.5°	355.2
35°	294.2
37.5°	239.3
40°	189.5
42.5°	145.8
45°	109.7
47.5°	79.8
50°	54.8
52.5°	36.1
55°	28.7
57.5°	24.9
60°	22.4
62.5°	18.7
65°	16.2
67.5°	13.7
70°	11.2
72.5°	10.0
75°	8.7
77.5°	6.2
80°	5.0
82.5°	3.7
85°	2.5
87.5°	1.2
90°	0.0

(END OF REPORT)