

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: P1262804

Luminaire Tested: P3A13R509727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262804
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R509727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

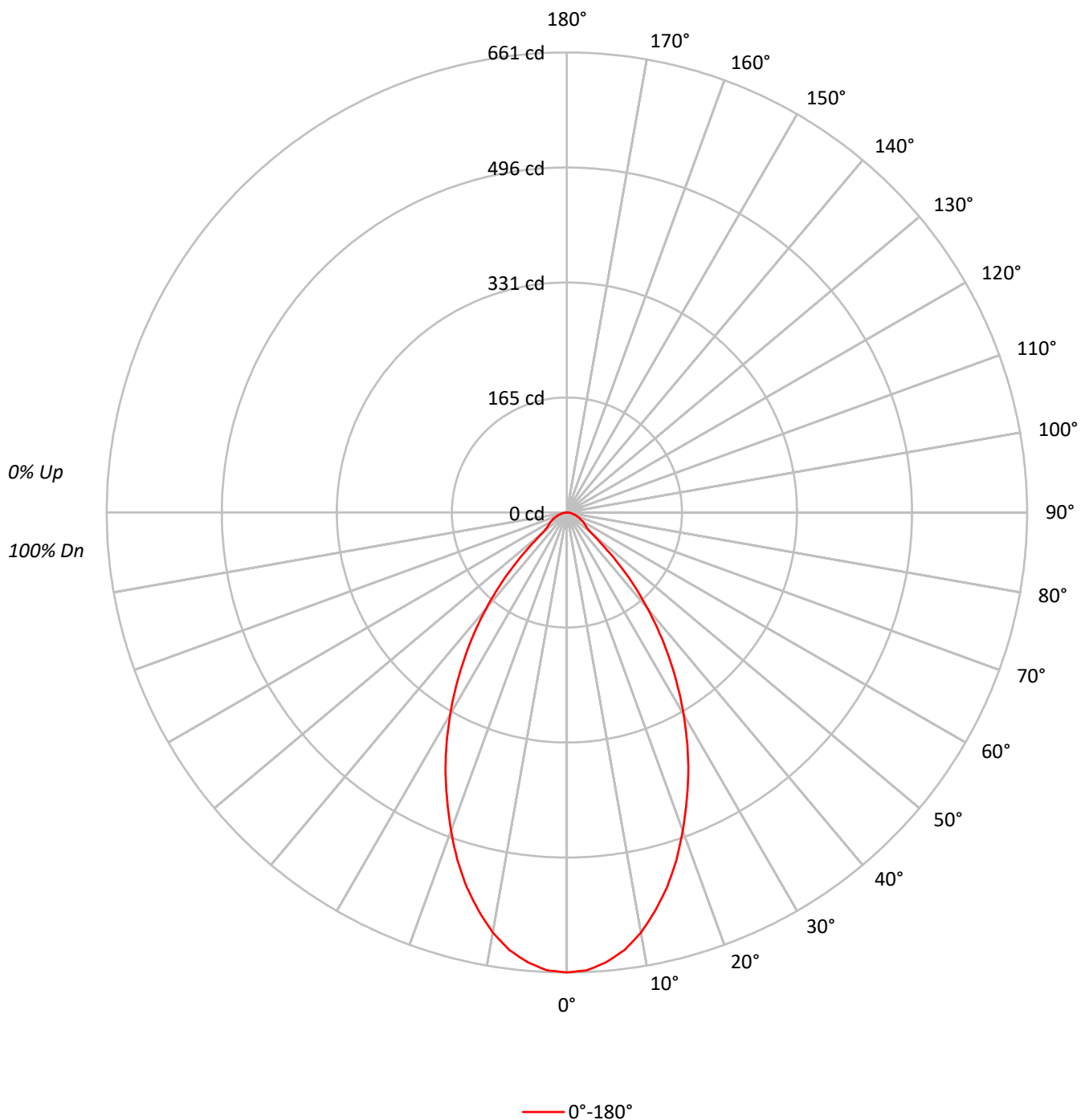
Lumens per Lamp: N/A
Luminaire Lumens: 713.0 lumens
Efficiency: N/A
Efficacy: 48.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1262804

CATALOG NUMBER: P3A13R509727DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1262804

CATALOG NUMBER: P3A13R509727DE010 E3DLD1MW

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	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	144901
5°	142769
10°	136448
15°	126357
20°	113550
25°	99828
30°	84899
35°	68824
40°	51725
45°	33306
50°	15829
55°	12463
60°	11797
65°	11000
70°	9938
75°	8981
80°	8208
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33306 cd/sqm

TEST NUMBER: P1262804

CATALOG NUMBER: P3A13R509727DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.8	8.5
10°-20°	155.2	21.8
20°-30°	188.5	26.4
30°-40°	159.9	22.4
40°-50°	83.1	11.6
50°-60°	30.0	4.2
60°-70°	20.7	2.9
70°-80°	11.3	1.6
80°-90°	3.6	0.5
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°	404.5	56.7
0°-40°	564.4	79.2
0°-60°	677.5	95.0
0°-90°	713.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	713.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	661	
5°	649	61
15°	557	155
25°	413	189
35°	257	160
45°	107	83
55°	33	30
65°	21	21
75°	11	11
85°	3	4
90°	0	

TEST NUMBER: P1262804

CATALOG NUMBER: P3A13R509727DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	660.8
2.5°	658.3
5°	648.6
7.5°	633.9
10°	612.8
12.5°	585.9
15°	556.6
17.5°	523.2
20°	486.6
22.5°	449.2
25°	412.6
27.5°	374.3
30°	335.3
32.5°	296.2
35°	257.1
37.5°	218.9
40°	180.7
42.5°	144.0
45°	107.4
47.5°	71.6
50°	46.4
52.5°	35.8
55°	32.6
57.5°	29.3
60°	26.9
62.5°	23.6
65°	21.2
67.5°	17.9
70°	15.5
72.5°	13.0
75°	10.6
77.5°	8.1
80°	6.5
82.5°	4.9
85°	3.3
87.5°	1.6
90°	0.0

(END OF REPORT)