

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: P1262810

Luminaire Tested: P3A13R509727DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262810
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R509727DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

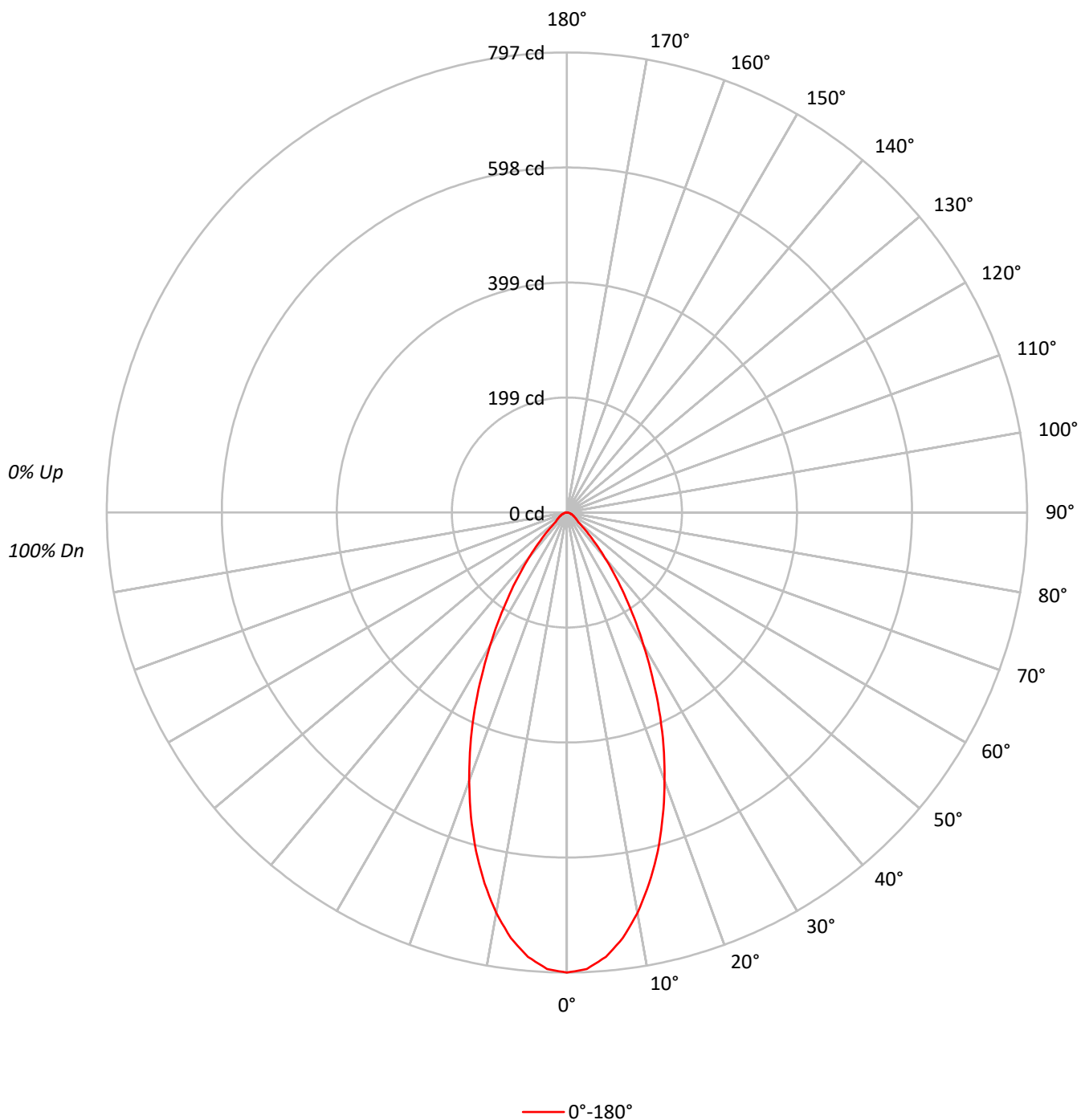
Lumens per Lamp: N/A
Luminaire Lumens: 601.0 lumens
Efficiency: N/A
Efficacy: 41.2 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1262810

CATALOG NUMBER: P3A13R509727DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1262810

CATALOG NUMBER: P3A13R509727DE010 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	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	174789
5°	170085
10°	156844
15°	137935
20°	115417
25°	91505
30°	67150
35°	46150
40°	29341
45°	16405
50°	8870
55°	7455
60°	6403
65°	5915
70°	5193
75°	4829
80°	4167
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16405 cd/sqm

TEST NUMBER: P1262810

CATALOG NUMBER: P3A13R509727DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.6	11.9
10°-20°	168.3	28.0
20°-30°	172.1	28.6
30°-40°	109.1	18.2
40°-50°	43.4	7.2
50°-60°	17.6	2.9
60°-70°	11.3	1.9
70°-80°	5.8	1.0
80°-90°	1.8	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°	412.0	68.6
0°-40°	521.1	86.7
0°-60°	582.2	96.9
0°-90°	601.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	601.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	797	
5°	773	72
15°	608	168
25°	378	172
35°	172	109
45°	53	43
55°	20	18
65°	11	11
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1262810

CATALOG NUMBER: P3A13R509727DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	797.1
2.5°	791.5
5°	772.7
7.5°	743.5
10°	704.4
12.5°	658.1
15°	607.6
17.5°	552.3
20°	494.6
22.5°	436.8
25°	378.2
27.5°	319.7
30°	265.2
32.5°	216.4
35°	172.4
37.5°	135.0
40°	102.5
42.5°	75.6
45°	52.9
47.5°	35.8
50°	26.0
52.5°	22.0
55°	19.5
57.5°	17.1
60°	14.6
62.5°	13.0
65°	11.4
67.5°	9.8
70°	8.1
72.5°	6.5
75°	5.7
77.5°	4.1
80°	3.3
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)