

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: P1265063

Luminaire Tested: P3A13R309730DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265063
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R309730DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

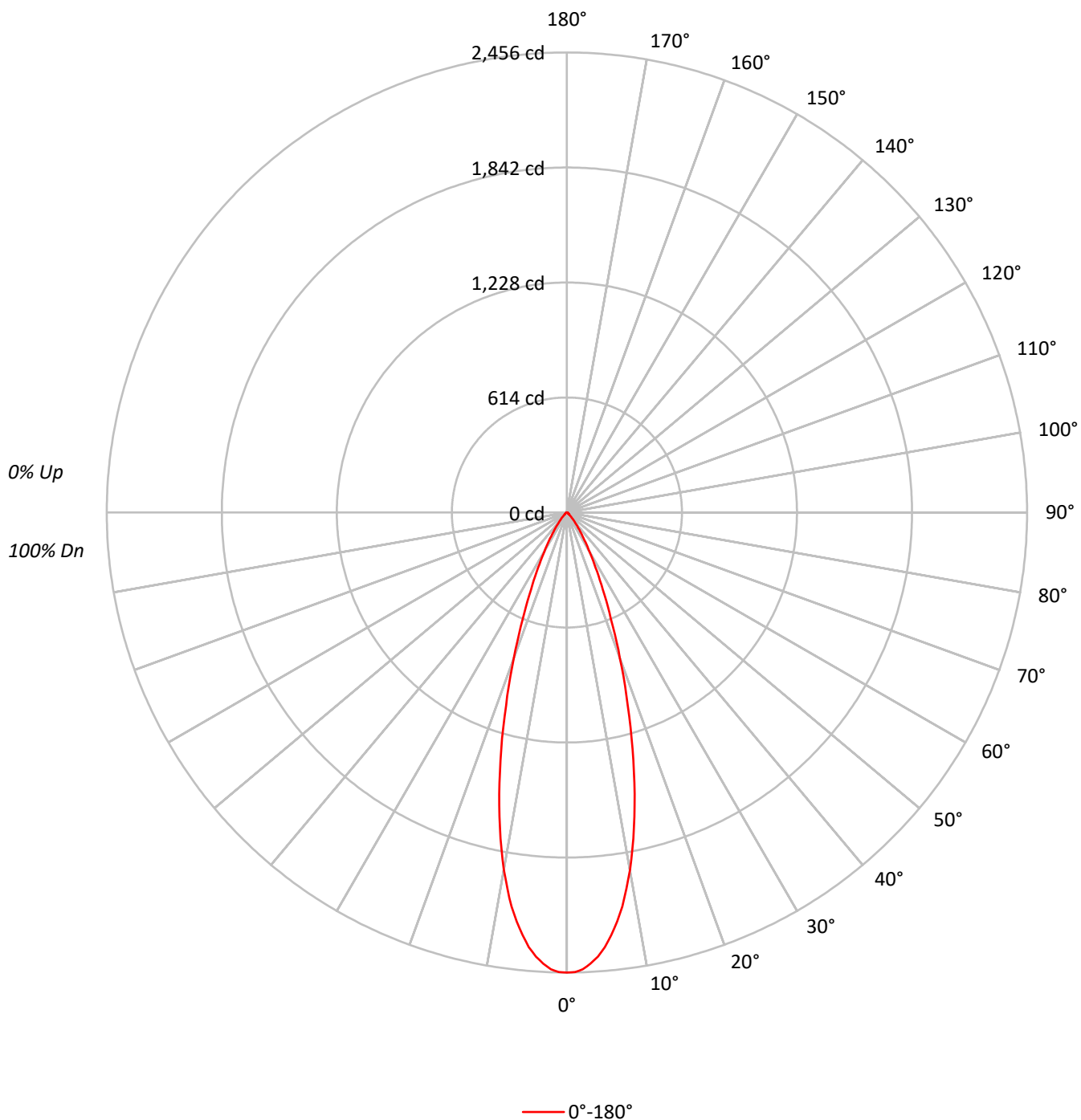
Lumens per Lamp: N/A
Luminaire Lumens: 923.0 lumens
Efficiency: N/A
Efficacy: 63.2 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265063

CATALOG NUMBER: P3A13R309730DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1265063

CATALOG NUMBER: P3A13R309730DE010 E3DL1MW

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	538597
5°	512633
10°	431188
15°	310967
20°	192890
25°	109700
30°	60946
35°	33140
40°	17461
45°	9458
50°	5049
55°	3326
60°	3070
65°	3165
70°	2821
75°	2203
80°	2147
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9458 cd/sqm

TEST NUMBER: P1265063

CATALOG NUMBER: P3A13R309730DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	209.7	22.7
10°-20°	372.8	40.4
20°-30°	215.5	23.3
30°-40°	81.8	8.9
40°-50°	25.1	2.7
50°-60°	8.4	0.9
60°-70°	5.7	0.6
70°-80°	3.1	0.3
80°-90°	0.9	0.1
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°	797.9	86.5
0°-40°	879.7	95.3
0°-60°	913.2	98.9
0°-90°	923.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	923.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2456	
5°	2329	210
15°	1370	373
25°	453	215
35°	124	82
45°	30	25
55°	9	8
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1265063

CATALOG NUMBER: P3A13R309730DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2456.2
1°	2454.5
2°	2439.6
3°	2411.7
4°	2376.9
5°	2328.9
6°	2267.9
7°	2199.9
8°	2124.0
9°	2033.3
10°	1936.5
11°	1831.9
12°	1721.2
13°	1605.2
14°	1487.5
15°	1369.8
17.5°	1080.3
20°	826.6
22.5°	613.0
25°	453.4
27.5°	329.6
30°	240.7
32.5°	173.5
35°	123.8
37.5°	86.3
40°	61.0
42.5°	42.7
45°	30.5
47.5°	20.9
50°	14.8
52.5°	10.5
55°	8.7
57.5°	7.8
60°	7.0
62.5°	6.1
65°	6.1
67.5°	5.2
70°	4.4
72.5°	3.5
75°	2.6
77.5°	2.6
80°	1.7
82.5°	1.7
85°	0.9
87.5°	0.0



TEST NUMBER: P1265063

CATALOG NUMBER: P3A13R309730DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)