

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: P1267442

Luminaire Tested: P3A13R309735DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267442
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: P3A13R309735DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

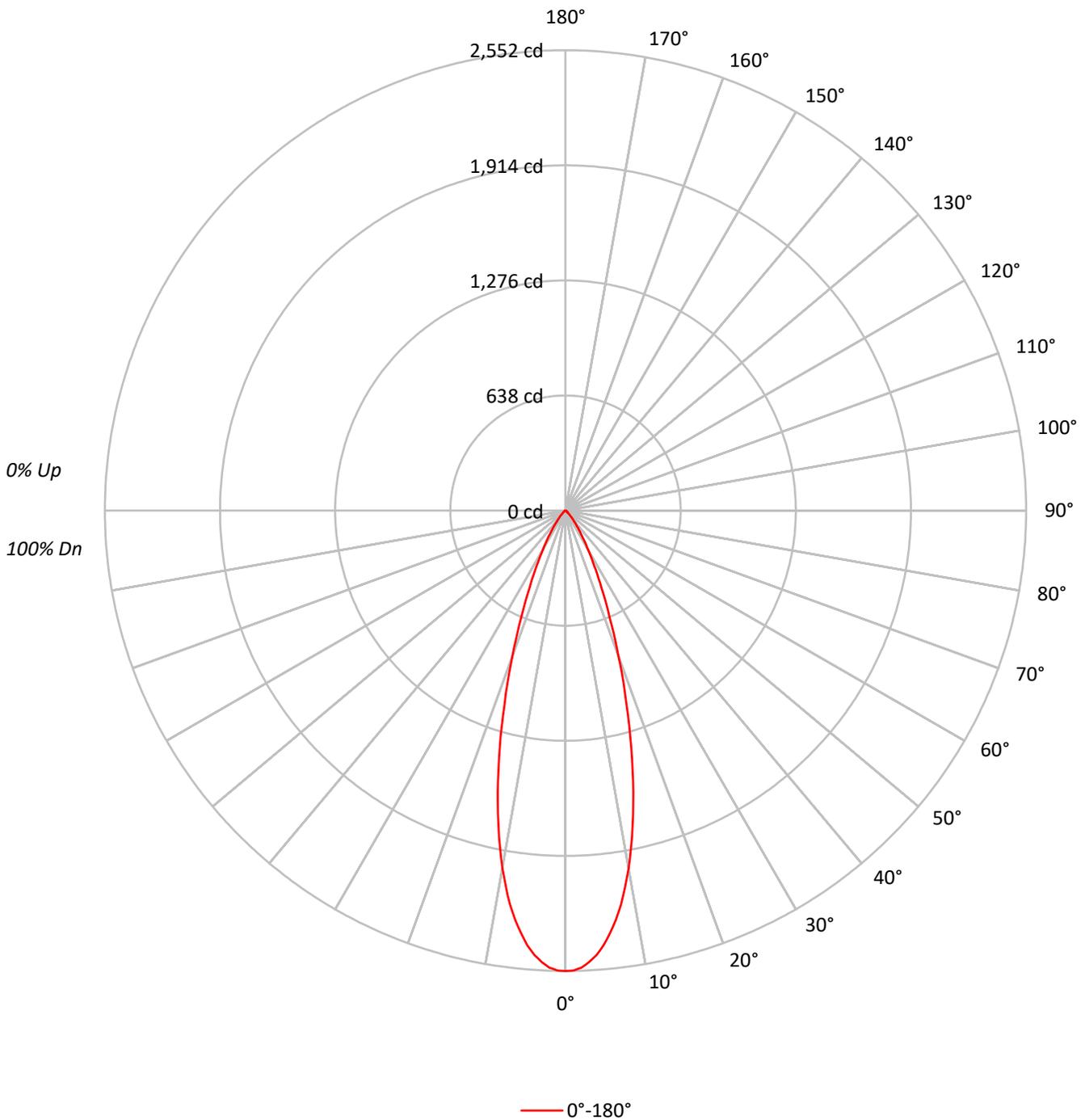
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 958.9 lumens
Efficiency: N/A
Efficacy: 65.7 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: P1267442
CATALOG NUMBER: P3A13R309735DE010 E3DL1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1267442

CATALOG NUMBER: P3A13R309735DE010 E3DL1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20					
RC	80				70				50				30				10			0		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	85	83	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	86	83	81	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	81	78	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	79	75	73	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	76	72	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	71	67	65	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	559604
5°	532620
10°	448021
15°	323089
20°	200404
25°	113982
30°	63301
35°	34425
40°	18148
45°	9830
50°	5254
55°	3479
60°	3158
65°	3269
70°	2885
75°	2288
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9830 cd/sqm



TEST NUMBER: P1267442
 CATALOG NUMBER: P3A13R309735DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	217.9	22.7
10°-20°	387.3	40.4
20°-30°	223.8	23.3
30°-40°	84.9	8.9
40°-50°	26.1	2.7
50°-60°	8.8	0.9
60°-70°	5.9	0.6
70°-80°	3.2	0.3
80°-90°	1.0	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°	829.0	86.5
0°-40°	914.0	95.3
0°-60°	948.8	98.9
0°-90°	958.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	958.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2552	
5°	2420	218
15°	1423	387
25°	471	224
35°	129	85
45°	32	26
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1267442
CATALOG NUMBER: P3A13R309735DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2552.0
1°	2550.2
2°	2534.8
3°	2505.8
4°	2469.6
5°	2419.7
6°	2356.3
7°	2285.7
8°	2206.8
9°	2112.6
10°	2012.1
11°	1903.4
12°	1788.3
13°	1667.8
14°	1545.5
15°	1423.2
17.5°	1122.4
20°	858.8
22.5°	636.9
25°	471.1
27.5°	342.4
30°	250.0
32.5°	180.3
35°	128.6
37.5°	89.7
40°	63.4
42.5°	44.4
45°	31.7
47.5°	21.7
50°	15.4
52.5°	10.9
55°	9.1
57.5°	8.2
60°	7.2
62.5°	6.3
65°	6.3
67.5°	5.4
70°	4.5
72.5°	3.6
75°	2.7
77.5°	2.7
80°	1.8
82.5°	1.8
85°	0.9
87.5°	0.0



TEST NUMBER: P1267442
CATALOG NUMBER: P3A13R309735DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)