

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: P1266652

Luminaire Tested: P3A05R309735DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266652
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: P3A05R309735DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

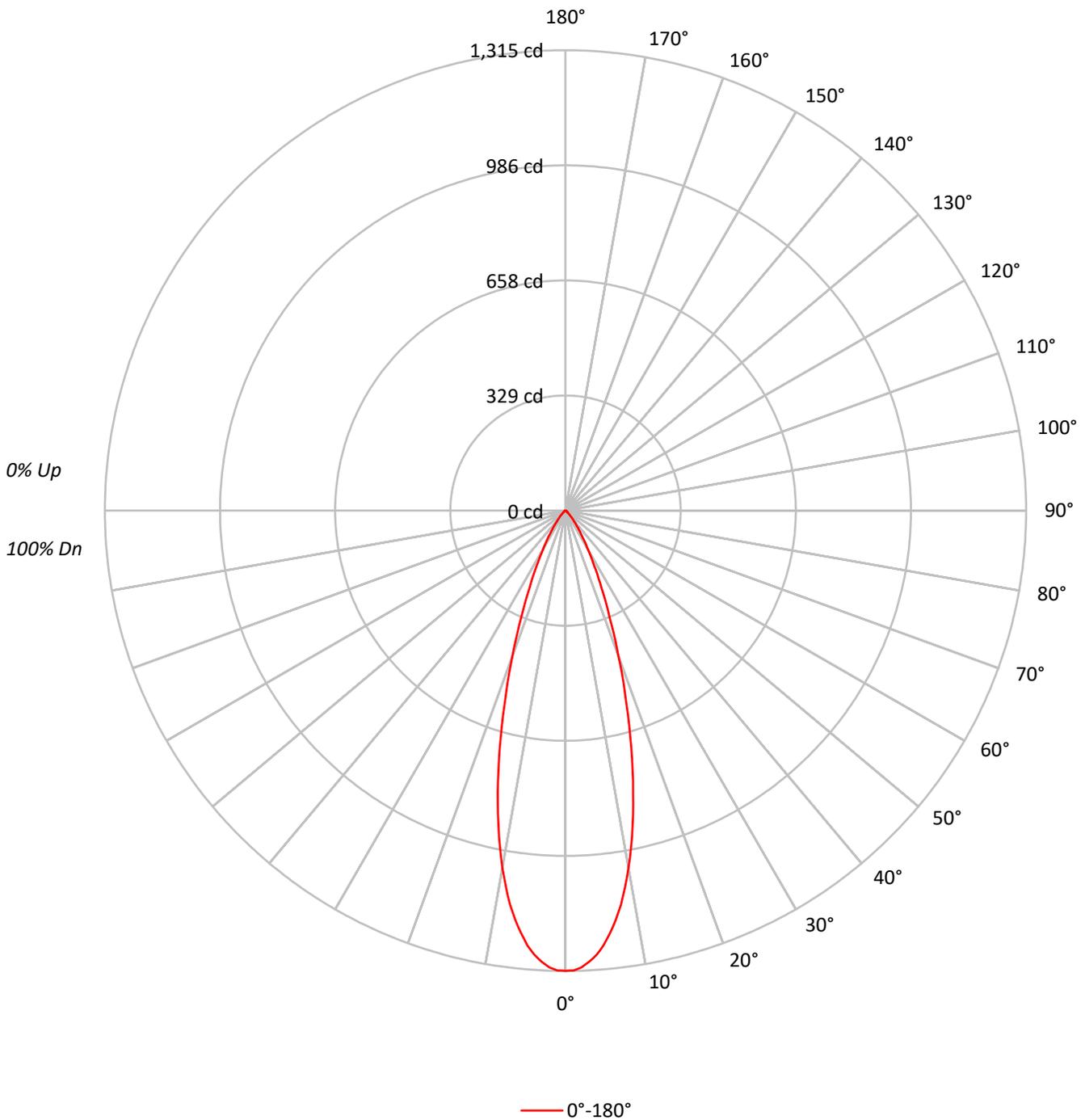
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 494.0 lumens
Efficiency: N/A
Efficacy: 68.6 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): 7.2
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: P1266652
CATALOG NUMBER: P3A05R309735DE010 E3DL1LI

Luminous Intensity Polar Plot





TEST NUMBER: P1266652

CATALOG NUMBER: P3A05R309735DE010 E3DL1LI

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	288266
5°	274377
10°	230791
15°	166425
20°	103236
25°	58721
30°	32613
35°	17748
40°	9360
45°	5055
50°	2695
55°	1797
60°	1623
65°	1712
70°	1475
75°	1186
80°	1137
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5055 cd/sqm



TEST NUMBER: P1266652

CATALOG NUMBER: P3A05R309735DE010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.2	22.7
10°-20°	199.5	40.4
20°-30°	115.3	23.3
30°-40°	43.8	8.9
40°-50°	13.4	2.7
50°-60°	4.5	0.9
60°-70°	3.1	0.6
70°-80°	1.7	0.3
80°-90°	0.5	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°	427.1	86.4
0°-40°	470.8	95.3
0°-60°	488.8	98.9
0°-90°	494.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	494.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1315	
5°	1246	112
15°	733	200
25°	243	115
35°	66	44
45°	16	13
55°	5	5
65°	3	3
75°	1	2
85°	0	1
90°	0	



TEST NUMBER: P1266652

CATALOG NUMBER: P3A05R309735DE010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1314.6
1°	1313.7
2°	1305.7
3°	1290.8
4°	1272.1
5°	1246.5
6°	1213.8
7°	1177.4
8°	1136.8
9°	1088.3
10°	1036.5
11°	980.5
12°	921.2
13°	859.1
14°	796.1
15°	733.1
17.5°	578.2
20°	442.4
22.5°	328.1
25°	242.7
27.5°	176.4
30°	128.8
32.5°	92.9
35°	66.3
37.5°	46.2
40°	32.7
42.5°	22.9
45°	16.3
47.5°	11.2
50°	7.9
52.5°	5.6
55°	4.7
57.5°	4.2
60°	3.7
62.5°	3.3
65°	3.3
67.5°	2.8
70°	2.3
72.5°	1.9
75°	1.4
77.5°	1.4
80°	0.9
82.5°	0.9
85°	0.5
87.5°	0.0



TEST NUMBER: P1266652
CATALOG NUMBER: P3A05R309735DE010 E3DL1LI

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)