

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: P1266801

Luminaire Tested: P3A05R559735DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266801
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R559735DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

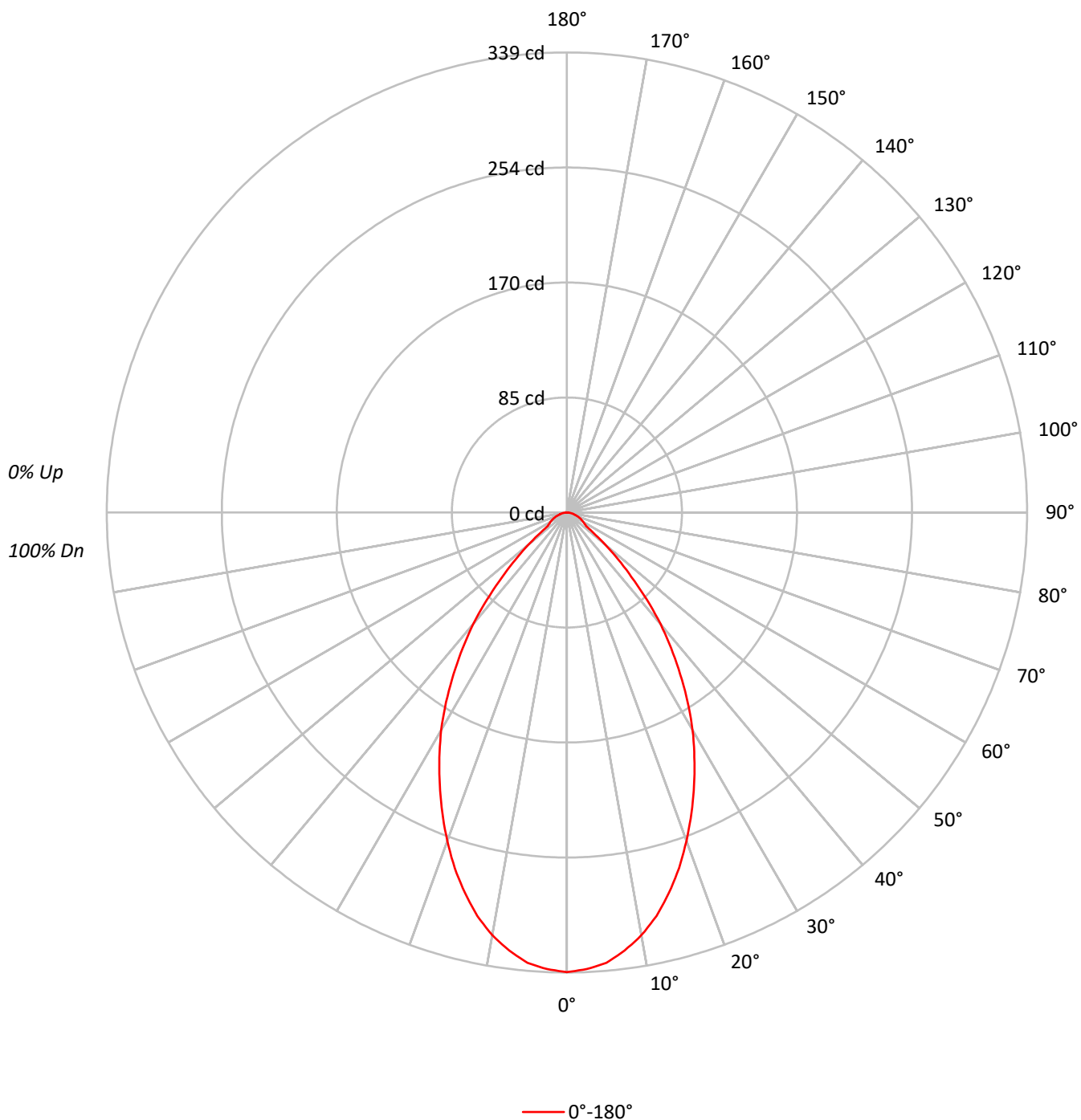
Lumens per Lamp: N/A
Luminaire Lumens: 395.0 lumens
Efficiency: N/A
Efficacy: 54.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1266801

CATALOG NUMBER: P3A05R559735DE010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1266801

CATALOG NUMBER: P3A05R559735DE010 E3DLD1LI

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	100	98		99	97	96		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74270
5°	73321
10°	70428
15°	65880
20°	60089
25°	53616
30°	46893
35°	38976
40°	30715
45°	20839
50°	12725
55°	6614
60°	6140
65°	5811
70°	5386
75°	4745
80°	4672
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20839 cd/sqm

TEST NUMBER: P1266801

CATALOG NUMBER: P3A05R559735DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.2	7.9
10°-20°	81.1	20.5
20°-30°	101.6	25.7
30°-40°	90.7	23.0
40°-50°	53.1	13.4
50°-60°	18.4	4.6
60°-70°	11.1	2.8
70°-80°	6.2	1.6
80°-90°	1.8	0.4
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°	213.9	54.2
0°-40°	304.6	77.1
0°-60°	376.0	95.2
0°-90°	395.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	395.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	339	
5°	333	31
15°	290	81
25°	222	102
35°	146	91
45°	67	53
55°	17	18
65°	11	11
75°	6	6
85°	1	2
90°	0	

TEST NUMBER: P1266801

CATALOG NUMBER: P3A05R559735DE010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	338.7
2.5°	336.8
5°	333.1
7.5°	325.6
10°	316.3
12.5°	304.6
15°	290.2
17.5°	274.8
20°	257.5
22.5°	239.8
25°	221.6
27.5°	203.4
30°	185.2
32.5°	165.6
35°	145.6
37.5°	126.0
40°	107.3
42.5°	87.2
45°	67.2
47.5°	51.3
50°	37.3
52.5°	24.3
55°	17.3
57.5°	15.4
60°	14.0
62.5°	12.6
65°	11.2
67.5°	9.8
70°	8.4
72.5°	7.0
75°	5.6
77.5°	4.7
80°	3.7
82.5°	2.3
85°	1.4
87.5°	0.9
90°	0.0

(END OF REPORT)