

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: P1266945

Luminaire Tested: P3A09R159735DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266945
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R159735DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

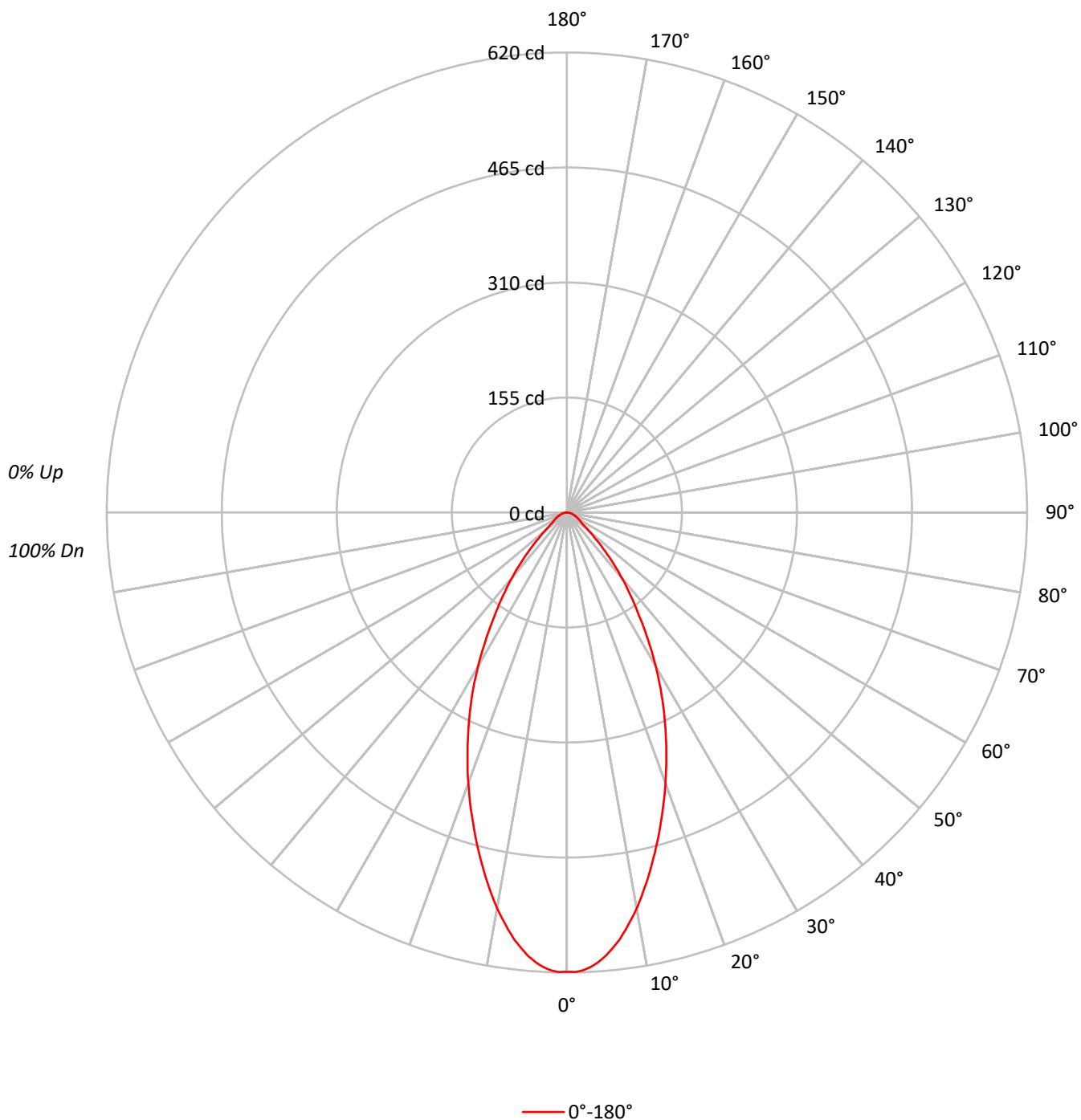
Lumens per Lamp: N/A
Luminaire Lumens: 538.0 lumens
Efficiency: N/A
Efficacy: 48.5 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1266945

CATALOG NUMBER: P3A09R159735DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1266945

CATALOG NUMBER: P3A09R159735DE010 E3DLD1H

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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	135713
5°	132027
10°	120639
15°	105676
20°	90658
25°	75682
30°	60566
35°	45427
40°	32976
45°	21553
50°	13475
55°	9137
60°	8070
65°	7420
70°	6988
75°	6354
80°	6061
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21553 cd/sqm

TEST NUMBER: P1266945

CATALOG NUMBER: P3A09R159735DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.3	10.3
10°-20°	129.7	24.1
20°-30°	142.9	26.6
30°-40°	107.0	19.9
40°-50°	55.5	10.3
50°-60°	23.0	4.3
60°-70°	14.3	2.6
70°-80°	8.0	1.5
80°-90°	2.3	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°	327.9	61.0
0°-40°	435.0	80.8
0°-60°	513.4	95.4
0°-90°	538.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	538.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	619	
5°	600	55
15°	466	130
25°	313	143
35°	170	107
45°	70	55
55°	24	23
65°	14	14
75°	8	8
85°	2	2
90°	0	

TEST NUMBER: P1266945

CATALOG NUMBER: P3A09R159735DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	618.9
1°	619.5
2°	617.5
3°	613.4
4°	607.3
5°	599.8
6°	590.2
7°	580.0
8°	567.7
9°	554.8
10°	541.8
12.5°	504.4
15°	465.5
17.5°	426.7
20°	388.5
22.5°	349.6
25°	312.8
27.5°	276.0
30°	239.2
32.5°	203.1
35°	169.7
37.5°	141.1
40°	115.2
42.5°	91.3
45°	69.5
47.5°	52.5
50°	39.5
52.5°	29.3
55°	23.9
57.5°	21.1
60°	18.4
62.5°	16.4
65°	14.3
67.5°	12.3
70°	10.9
72.5°	8.9
75°	7.5
77.5°	6.1
80°	4.8
82.5°	3.4
85°	2.0
87.5°	0.7
90°	0.0

(END OF REPORT)