

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: P1273823

Luminaire Tested: P3A09R559830DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273823
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: P3A09R559830DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

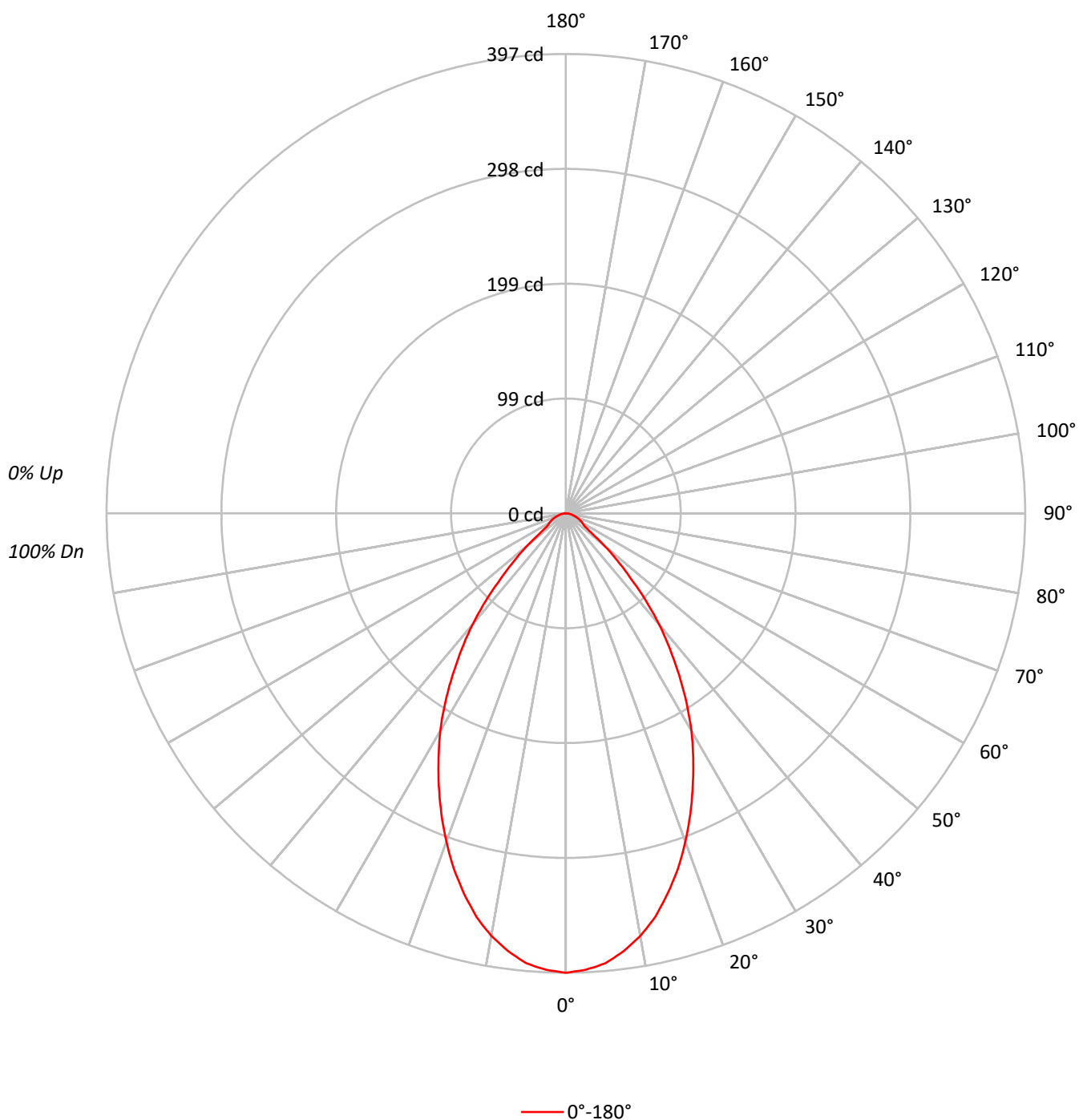
Lumens per Lamp: N/A
Luminaire Lumens: 463.0 lumens
Efficiency: N/A
Efficacy: 42.1 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1273823

CATALOG NUMBER: P3A09R559830DE010 E3DLD1H

Luminous Intensity Polar Plot





TEST NUMBER: P1273823

CATALOG NUMBER: P3A09R559830DE010 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	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°	87054
5°	85934
10°	82564
15°	77208
20°	70449
25°	62834
30°	54970
35°	45668
40°	36010
45°	24406
50°	14908
55°	7723
60°	7192
65°	6797
70°	6283
75°	5592
80°	5556
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24406 cd/sqm

TEST NUMBER: P1273823

CATALOG NUMBER: P3A09R559830DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.6	7.9
10°-20°	95.1	20.5
20°-30°	119.0	25.7
30°-40°	106.3	23.0
40°-50°	62.2	13.4
50°-60°	21.5	4.6
60°-70°	13.0	2.8
70°-80°	7.2	1.6
80°-90°	2.1	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°	250.7	54.2
0°-40°	357.0	77.1
0°-60°	440.7	95.2
0°-90°	463.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	463.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	397	
5°	390	37
15°	340	95
25°	260	119
35°	171	106
45°	79	62
55°	20	21
65°	13	13
75°	7	7
85°	2	2
90°	0	

TEST NUMBER: P1273823

CATALOG NUMBER: P3A09R559830DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

	0°
0°	397.0
2.5°	394.8
5°	390.4
7.5°	381.7
10°	370.8
12.5°	357.1
15°	340.1
17.5°	322.1
20°	301.9
22.5°	281.1
25°	259.7
27.5°	238.4
30°	217.1
32.5°	194.1
35°	170.6
37.5°	147.6
40°	125.8
42.5°	102.3
45°	78.7
47.5°	60.2
50°	43.7
52.5°	28.4
55°	20.2
57.5°	18.0
60°	16.4
62.5°	14.8
65°	13.1
67.5°	11.5
70°	9.8
72.5°	8.2
75°	6.6
77.5°	5.5
80°	4.4
82.5°	2.7
85°	1.6
87.5°	1.1
90°	0.0

(END OF REPORT)