

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: P1259772

Luminaire Tested: P3AS09R659050DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259772
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R659050DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

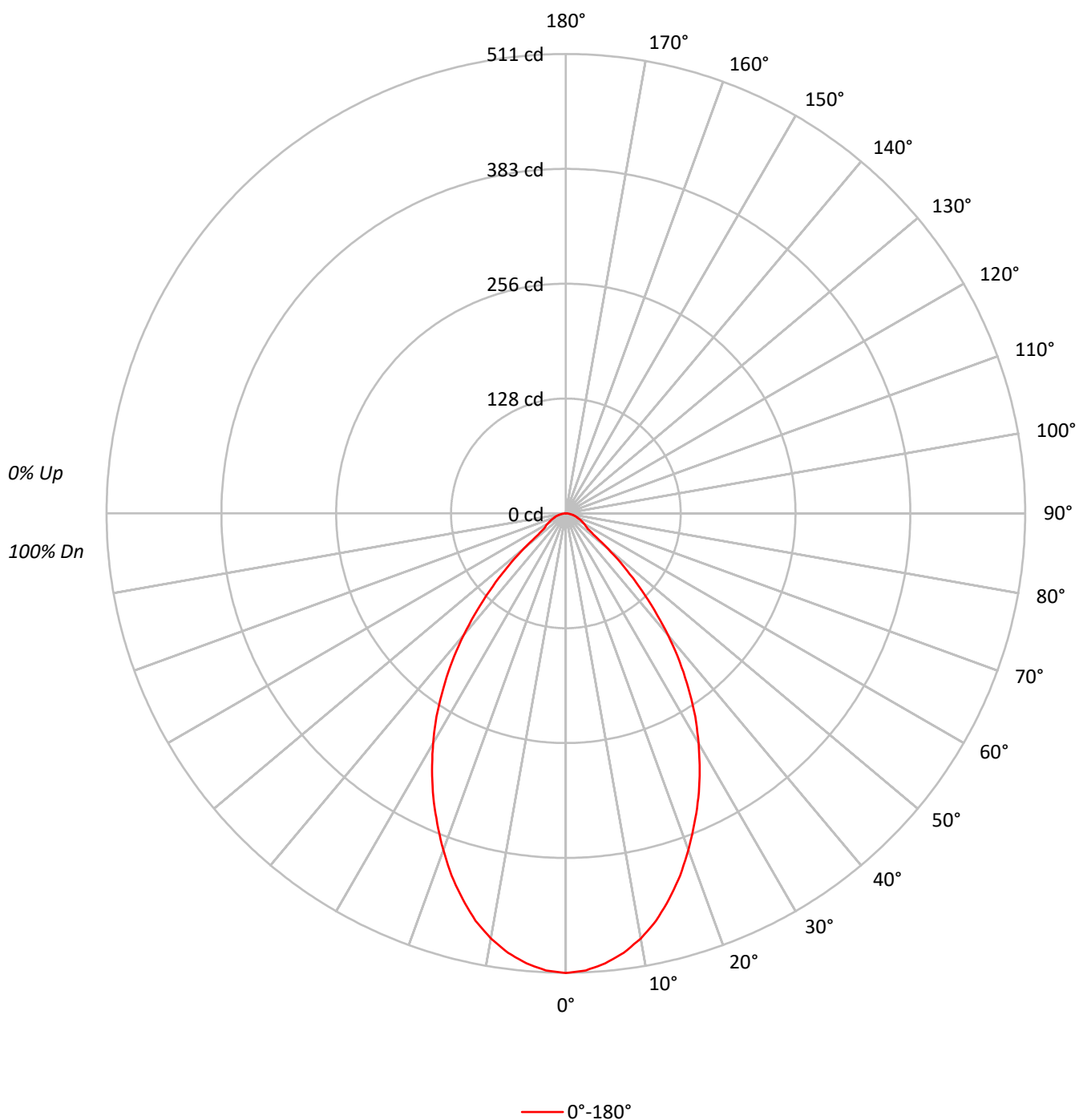
Lumens per Lamp: N/A
Luminaire Lumens: 630.0 lumens
Efficiency: N/A
Efficacy: 56.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1259772

CATALOG NUMBER: P3AS09R659050DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1259772

CATALOG NUMBER: P3AS09R659050DE010 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	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112118
5°	110609
10°	106901
15°	100818
20°	92991
25°	84392
30°	74746
35°	63604
40°	50609
45°	35725
50°	20741
55°	11316
60°	10525
65°	9547
70°	8719
75°	8133
80°	7072
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35725 cd/sqm

TEST NUMBER: P1259772

CATALOG NUMBER: P3AS09R659050DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.3	7.5
10°-20°	124.2	19.7
20°-30°	159.7	25.3
30°-40°	147.7	23.4
40°-50°	89.1	14.2
50°-60°	30.4	4.8
60°-70°	18.3	2.9
70°-80°	10.3	1.6
80°-90°	2.9	0.5
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°	331.2	52.6
0°-40°	478.8	76.0
0°-60°	598.4	95.0
0°-90°	630.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	630.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	511	
5°	502	47
15°	444	124
25°	349	160
35°	238	148
45°	115	89
55°	30	30
65°	18	18
75°	10	10
85°	2	3
90°	0	

TEST NUMBER: P1259772

CATALOG NUMBER: P3AS09R659050DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

	0°
0°	511.3
2.5°	508.9
5°	502.5
7.5°	492.9
10°	480.1
12.5°	464.1
15°	444.1
17.5°	422.5
20°	398.5
22.5°	373.7
25°	348.8
27.5°	322.4
30°	295.2
32.5°	268.0
35°	237.6
37.5°	208.0
40°	176.8
42.5°	145.6
45°	115.2
47.5°	87.2
50°	60.8
52.5°	38.4
55°	29.6
57.5°	26.4
60°	24.0
62.5°	20.8
65°	18.4
67.5°	16.0
70°	13.6
72.5°	12.0
75°	9.6
77.5°	8.0
80°	5.6
82.5°	4.0
85°	2.4
87.5°	1.6
90°	0.0

(END OF REPORT)