

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: P1258992

Luminaire Tested: P3AS02R559050DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258992
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: P3AS02R559050DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

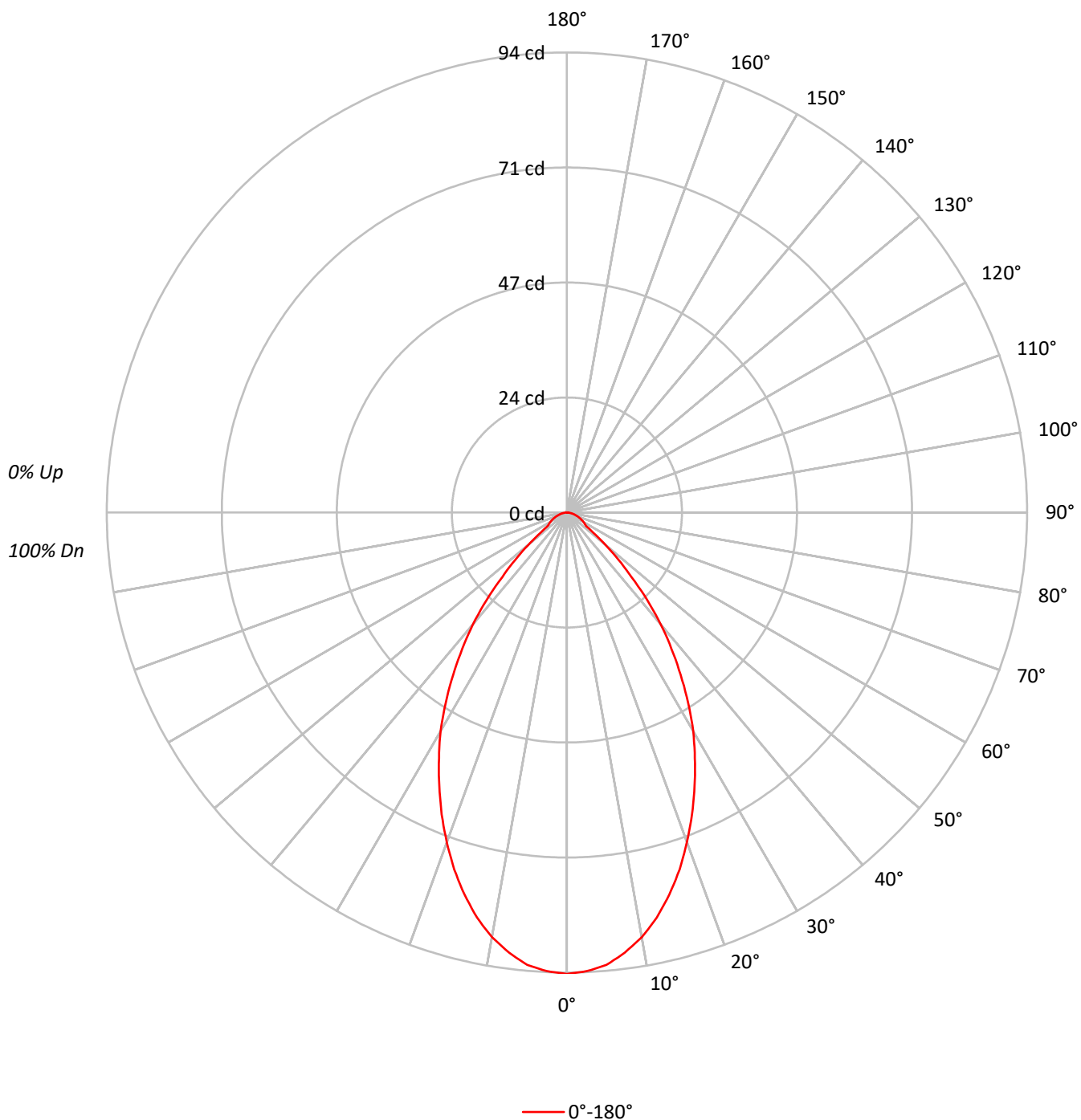
Lumens per Lamp: N/A
Luminaire Lumens: 110.0 lumens
Efficiency: N/A
Efficacy: 30.5 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1258992

CATALOG NUMBER: P3AS02R559050DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1258992

CATALOG NUMBER: P3AS02R559050DE010 E3DLD1GPH

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°	20678
5°	20427
10°	19617
15°	18343
20°	16731
25°	14928
30°	13065
35°	10842
40°	8559
45°	5799
50°	3548
55°	1835
60°	1710
65°	1608
70°	1475
75°	1356
80°	1263
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5799 cd/sqm

TEST NUMBER: P1258992

CATALOG NUMBER: P3AS02R559050DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.7	7.9
10°-20°	22.6	20.5
20°-30°	28.3	25.7
30°-40°	25.2	23.0
40°-50°	14.8	13.4
50°-60°	5.1	4.7
60°-70°	3.1	2.8
70°-80°	1.7	1.5
80°-90°	0.5	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°	59.6	54.2
0°-40°	84.8	77.1
0°-60°	104.7	95.2
0°-90°	110.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	110.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	94	
5°	93	9
15°	81	23
25°	62	28
35°	40	25
45°	19	15
55°	5	5
65°	3	3
75°	2	2
85°	0	0
90°	0	

TEST NUMBER: P1258992

CATALOG NUMBER: P3AS02R559050DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	94.3
2.5°	93.8
5°	92.8
7.5°	90.7
10°	88.1
12.5°	84.8
15°	80.8
17.5°	76.5
20°	71.7
22.5°	66.8
25°	61.7
27.5°	56.6
30°	51.6
32.5°	46.1
35°	40.5
37.5°	35.1
40°	29.9
42.5°	24.3
45°	18.7
47.5°	14.3
50°	10.4
52.5°	6.8
55°	4.8
57.5°	4.3
60°	3.9
62.5°	3.5
65°	3.1
67.5°	2.7
70°	2.3
72.5°	1.9
75°	1.6
77.5°	1.3
80°	1.0
82.5°	0.6
85°	0.4
87.5°	0.3
90°	0.0

(END OF REPORT)