

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: P1259883

Luminaire Tested: P3AS13R159050DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259883
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159050DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

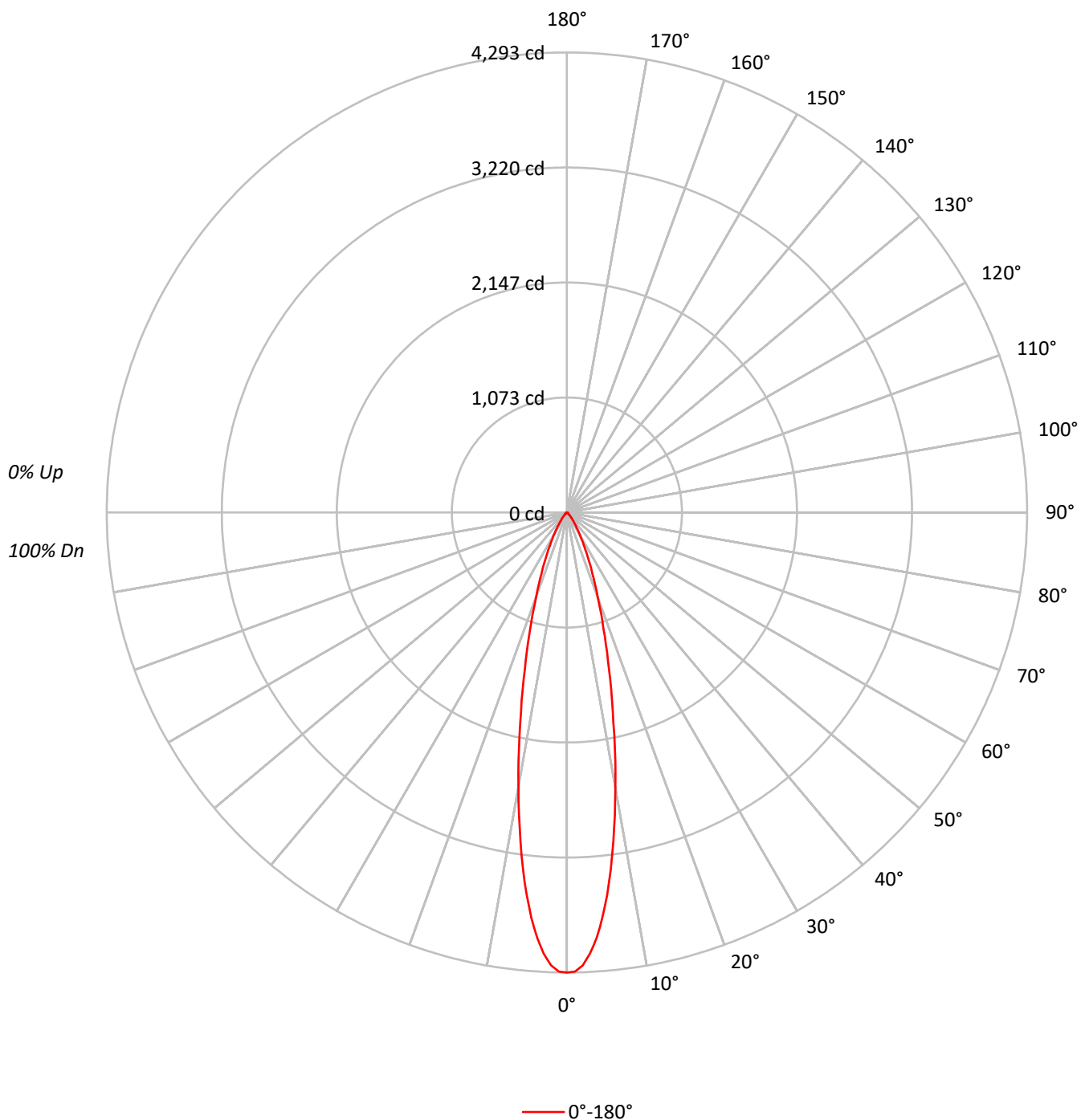
Lumens per Lamp: N/A
Luminaire Lumens: 1102.0 lumens
Efficiency: N/A
Efficacy: 75.5 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1259883

CATALOG NUMBER: P3AS13R159050DE010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1259883

CATALOG NUMBER: P3AS13R159050DE010 E3DL1LI

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	941394
5°	835635
10°	580305
15°	343180
20°	195457
25°	111732
30°	61832
35°	32953
40°	18234
45°	9861
50°	6141
55°	4855
60°	4210
65°	3840
70°	3398
75°	3558
80°	2652
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9861 cd/sqm

TEST NUMBER: P1259883

CATALOG NUMBER: P3AS13R159050DE010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	322.8	29.3
10°-20°	426.1	38.7
20°-30°	219.4	19.9
30°-40°	82.4	7.5
40°-50°	26.9	2.4
50°-60°	11.6	1.1
60°-70°	7.4	0.7
70°-80°	4.3	0.4
80°-90°	1.2	0.1
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°	968.2	87.9
0°-40°	1050.6	95.3
0°-60°	1089.1	98.8
0°-90°	1102.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1102.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4293	
5°	3796	323
15°	1512	426
25°	462	219
35°	123	82
45°	32	27
55°	13	12
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1259883

CATALOG NUMBER: P3AS13R159050DE010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	4293.1
1°	4284.6
2°	4228.4
3°	4121.1
4°	3979.9
5°	3796.3
6°	3588.2
7°	3360.0
8°	3106.2
9°	2855.7
10°	2606.2
12.5°	2005.4
15°	1511.7
17.5°	1131.7
20°	837.6
22.5°	625.3
25°	461.8
27.5°	336.5
30°	244.2
32.5°	173.0
35°	123.1
37.5°	88.1
40°	63.7
42.5°	45.6
45°	31.8
47.5°	23.4
50°	18.0
52.5°	14.9
55°	12.7
57.5°	10.6
60°	9.6
62.5°	8.5
65°	7.4
67.5°	6.4
70°	5.3
72.5°	5.3
75°	4.2
77.5°	3.2
80°	2.1
82.5°	2.1
85°	1.1
87.5°	0.0
90°	0.0

(END OF REPORT)