

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: P1298118

Luminaire Tested: P3AS13R55W2N902765DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298118
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: P3AS13R55W2N902765DE010 E3DLD1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

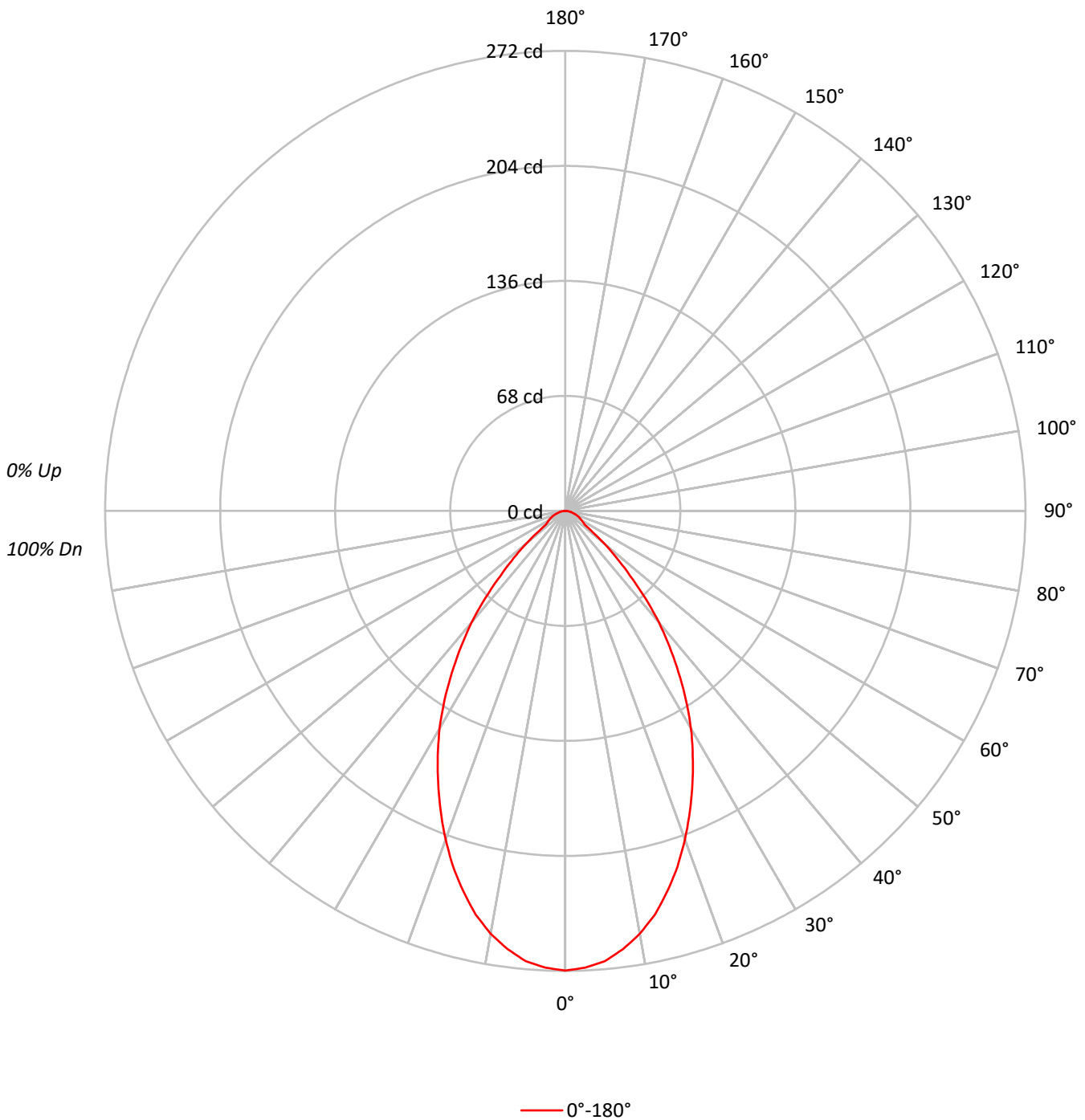
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 317.0 lumens
Efficiency: N/A
Efficacy: 25.8 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): 12.3
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: P1298118
CATALOG NUMBER: P3AS13R55W2N902765DE010 E3DLD1GPH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1298118
 CATALOG NUMBER: P3AS13R55W2N902765DE010 E3DLD1GPH_3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	109	106	103	110	107	104	102	103	100	98	99	97	96	95	94	93	91
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	59600
5°	58838
10°	56512
15°	52872
20°	48234
25°	43019
30°	37626
35°	31266
40°	24646
45°	16715
50°	10234
55°	5314
60°	4912
65°	4670
70°	4296
75°	3813
80°	3788
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16715 cd/sqm



TEST NUMBER: P1298118

CATALOG NUMBER: P3AS13R55W2N902765DE010 E3DLD1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.1	7.9
10°-20°	65.1	20.5
20°-30°	81.5	25.7
30°-40°	72.8	23.0
40°-50°	42.6	13.4
50°-60°	14.7	4.7
60°-70°	8.9	2.8
70°-80°	4.9	1.6
80°-90°	1.4	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°	171.7	54.2
0°-40°	244.4	77.1
0°-60°	301.8	95.2
0°-90°	317.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	317.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	272	
5°	267	25
15°	233	65
25°	178	81
35°	117	73
45°	54	43
55°	14	15
65°	9	9
75°	4	5
85°	1	1
90°	0	



TEST NUMBER: P1298118
CATALOG NUMBER: P3AS13R55W2N902765DE010 E3DLD1GPH_3000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	271.8
2.5°	270.3
5°	267.3
7.5°	261.3
10°	253.8
12.5°	244.5
15°	232.9
17.5°	220.5
20°	206.7
22.5°	192.4
25°	177.8
27.5°	163.2
30°	148.6
32.5°	132.9
35°	116.8
37.5°	101.1
40°	86.1
42.5°	70.0
45°	53.9
47.5°	41.2
50°	30.0
52.5°	19.5
55°	13.9
57.5°	12.4
60°	11.2
62.5°	10.1
65°	9.0
67.5°	7.9
70°	6.7
72.5°	5.6
75°	4.5
77.5°	3.7
80°	3.0
82.5°	1.9
85°	1.1
87.5°	0.7
90°	0.0

(END OF REPORT)