

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: P1297966

Luminaire Tested: P3A13R55W2N902750DE010 E3DLD1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297966
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: P3A13R55W2N902750DE010 E3DLD1LI_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

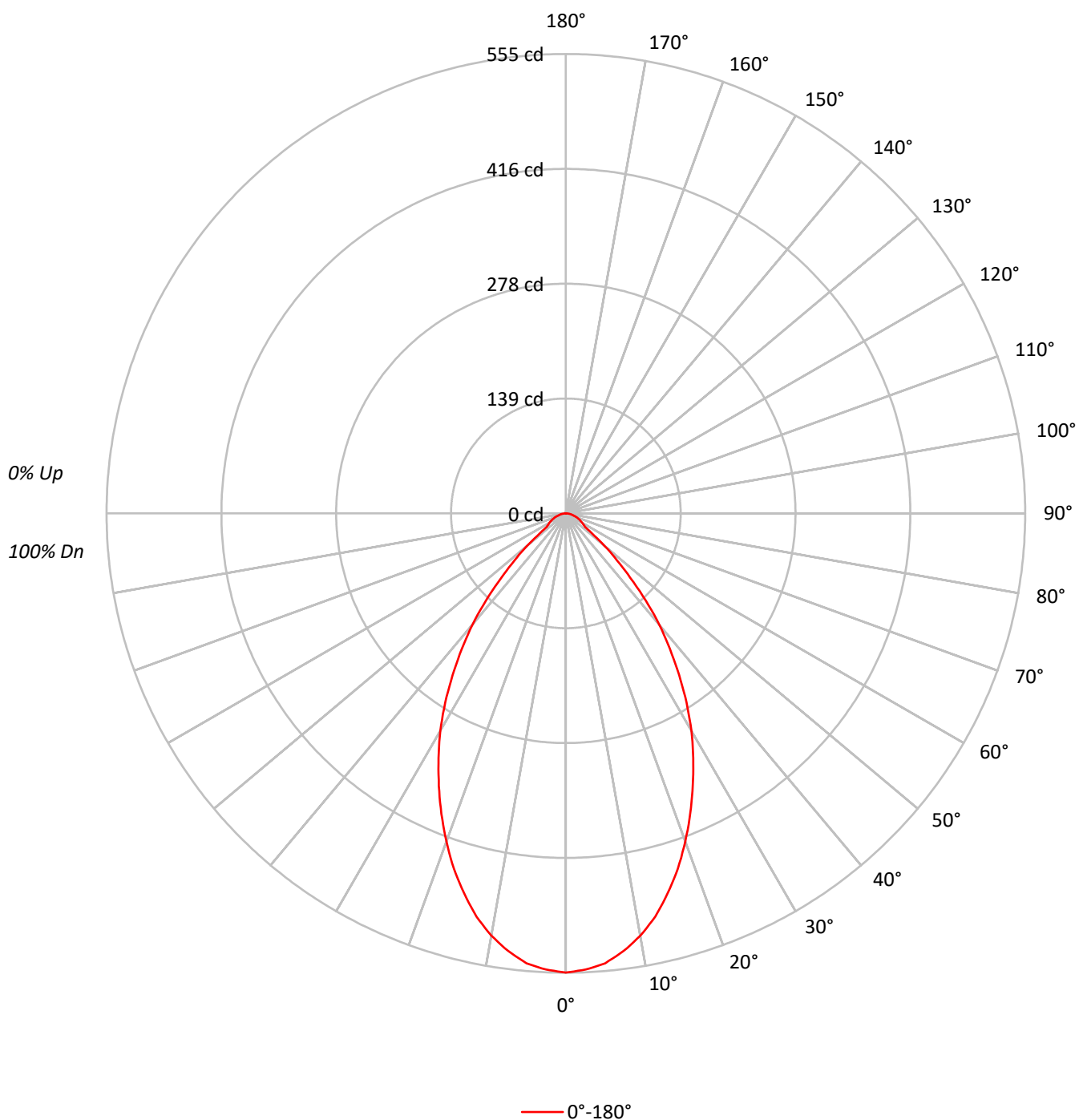
Lumens per Lamp: N/A
Luminaire Lumens: 647.0 lumens
Efficiency: N/A
Efficacy: 52.6 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1297966

CATALOG NUMBER: P3A13R55W2N902750DE010 E3DLD1LI_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1297966

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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°	121657
5°	120097
10°	115362
15°	107901
20°	98429
25°	87828
30°	76822
35°	63818
40°	50323
45°	34112
50°	20844
55°	10819
60°	10043
65°	9495
70°	8848
75°	7795
80°	7703
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34112 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.2	7.9
10°-20°	132.8	20.5
20°-30°	166.4	25.7
30°-40°	148.5	23.0
40°-50°	87.0	13.4
50°-60°	30.0	4.6
60°-70°	18.1	2.8
70°-80°	10.1	1.6
80°-90°	2.9	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°	350.4	54.2
0°-40°	498.9	77.1
0°-60°	615.9	95.2
0°-90°	647.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	647.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	555	
5°	546	51
15°	475	133
25°	363	166
35°	238	149
45°	110	87
55°	28	30
65°	18	18
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	554.8
2.5°	551.7
5°	545.6
7.5°	533.4
10°	518.1
12.5°	499.0
15°	475.3
17.5°	450.1
20°	421.8
22.5°	392.8
25°	363.0
27.5°	333.2
30°	303.4
32.5°	271.3
35°	238.4
37.5°	206.3
40°	175.8
42.5°	142.9
45°	110.0
47.5°	84.1
50°	61.1
52.5°	39.7
55°	28.3
57.5°	25.2
60°	22.9
62.5°	20.6
65°	18.3
67.5°	16.0
70°	13.8
72.5°	11.5
75°	9.2
77.5°	7.6
80°	6.1
82.5°	3.8
85°	2.3
87.5°	1.5
90°	0.0

(END OF REPORT)