

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: P1297958

Luminaire Tested: P3A13R55W2N902750DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297958
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 E3DLD1GPH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 4000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

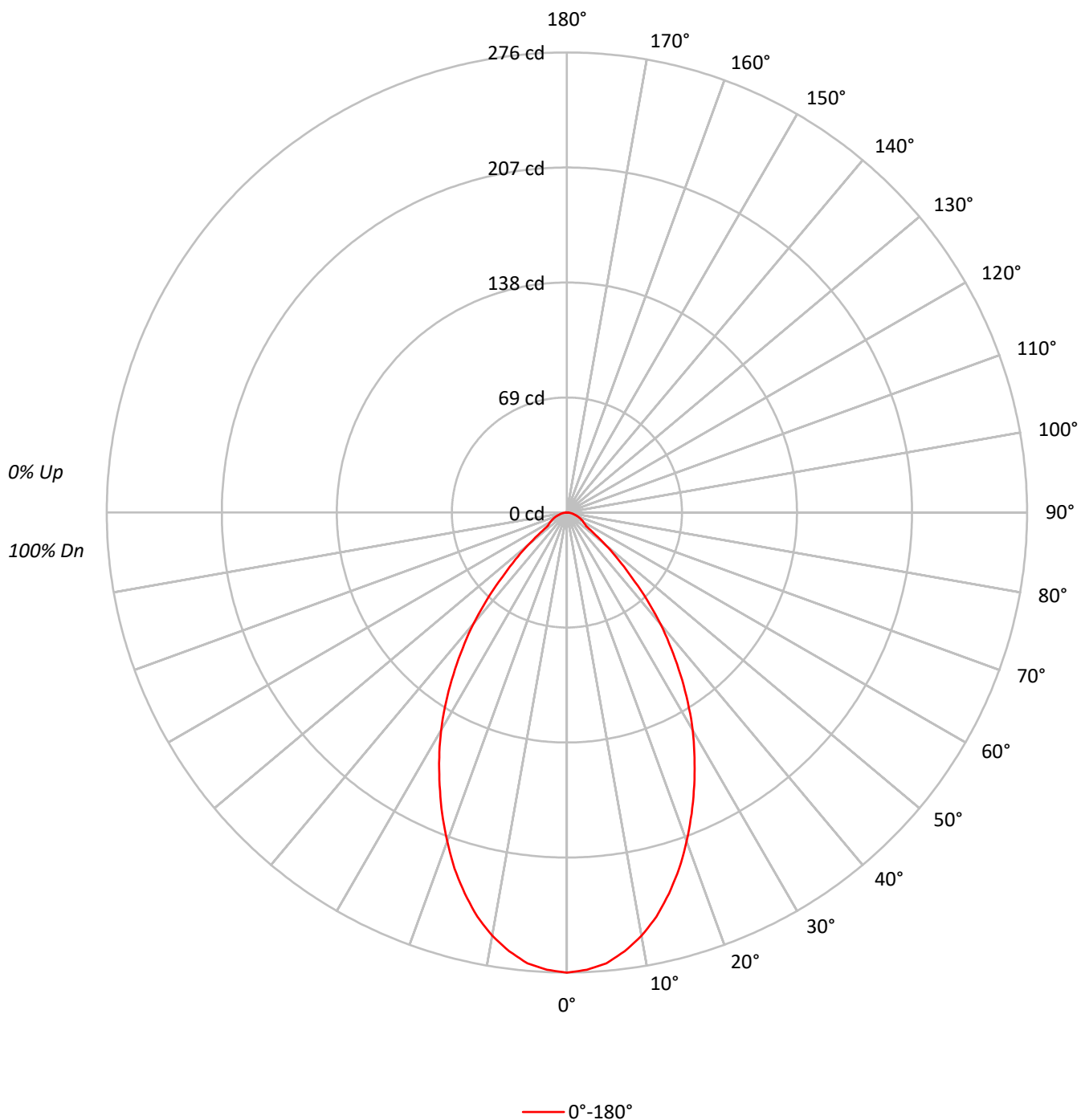
Lumens per Lamp: N/A
Luminaire Lumens: 322.0 lumens
Efficiency: N/A
Efficacy: 26.2 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1297958

CATALOG NUMBER: P3A13R55W2N902750DE010 E3DLD1GPH_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1297958

CATALOG NUMBER: P3A13R55W2N902750DE010 E3DLD1GPH_4000K

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°	60543
5°	59762
10°	57403
15°	53712
20°	48981
25°	43696
30°	38234
35°	31775
40°	25047
45°	16994
50°	10371
55°	5390
60°	5000
65°	4722
70°	4360
75°	3897
80°	3788
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16994 cd/sqm

TEST NUMBER: P1297958

CATALOG NUMBER: P3A13R55W2N902750DE010 E3DLD1GPH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.5	7.9
10°-20°	66.1	20.5
20°-30°	82.8	25.7
30°-40°	73.9	23.0
40°-50°	43.3	13.4
50°-60°	15.0	4.6
60°-70°	9.0	2.8
70°-80°	5.0	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°	174.4	54.2
0°-40°	248.3	77.1
0°-60°	306.5	95.2
0°-90°	322.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	322.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	276	
5°	272	25
15°	237	66
25°	181	83
35°	119	74
45°	55	43
55°	14	15
65°	9	9
75°	5	5
85°	1	1
90°	0	



TEST NUMBER: P1297958

CATALOG NUMBER: P3A13R55W2N902750DE010 E3DLD1GPH_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	276.1
2.5°	274.6
5°	271.5
7.5°	265.5
10°	257.8
12.5°	248.3
15°	236.6
17.5°	224.0
20°	209.9
22.5°	195.5
25°	180.6
27.5°	165.8
30°	151.0
32.5°	135.0
35°	118.7
37.5°	102.7
40°	87.5
42.5°	71.1
45°	54.8
47.5°	41.8
50°	30.4
52.5°	19.8
55°	14.1
57.5°	12.6
60°	11.4
62.5°	10.3
65°	9.1
67.5°	8.0
70°	6.8
72.5°	5.7
75°	4.6
77.5°	3.8
80°	3.0
82.5°	1.9
85°	1.1
87.5°	0.8
90°	0.0

(END OF REPORT)