

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: P1298117

Luminaire Tested: P3A13R55W2N902765DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298117
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: P3A13R55W2N902765DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

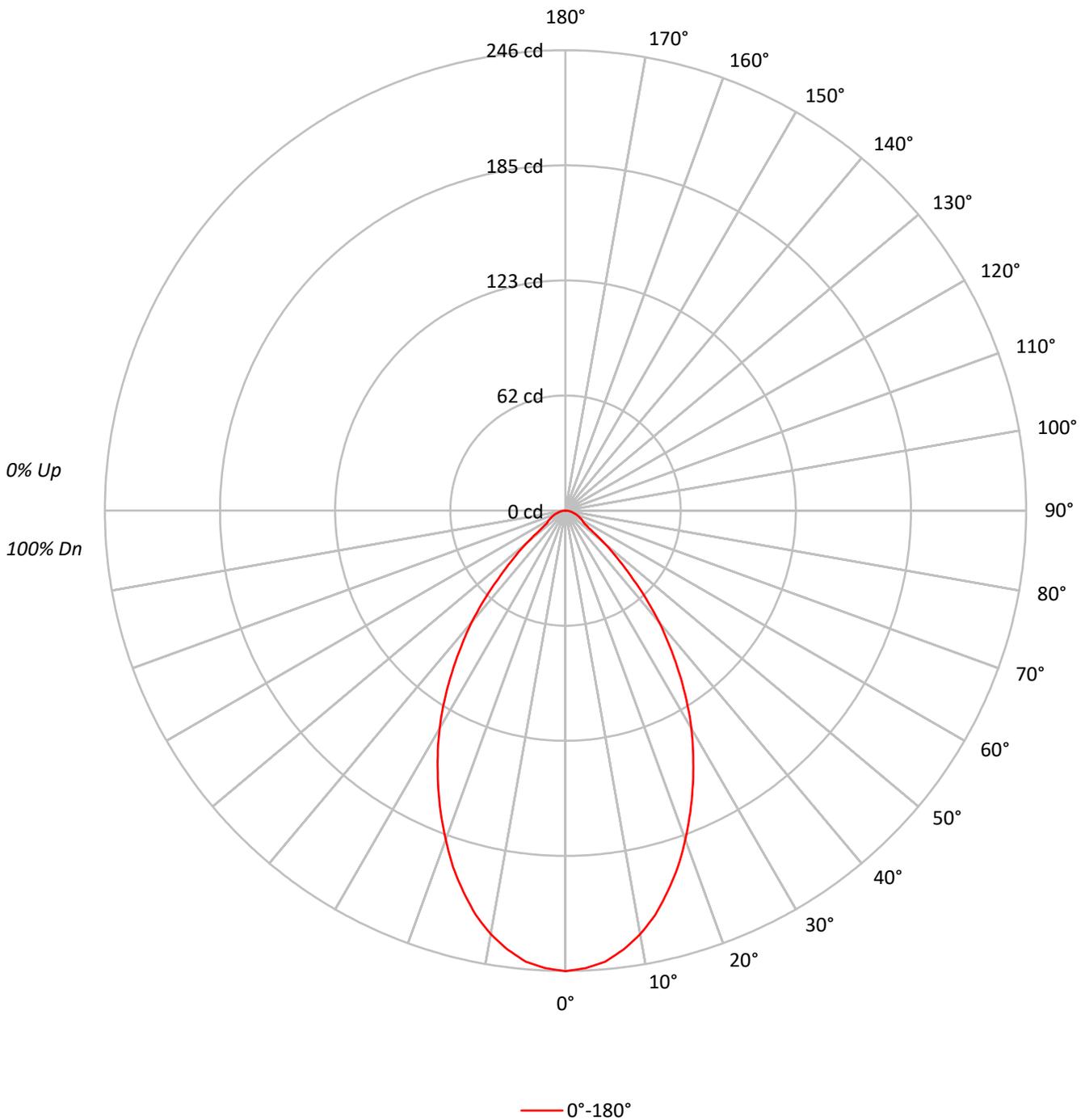
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 287.0 lumens
Efficiency: N/A
Efficacy: 23.3 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: P1298117
CATALOG NUMBER: P3A13R55W2N902765DE010 E3DLD1GPH_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1298117

CATALOG NUMBER: P3A13R55W2N902765DE010 E3DLD1GPH_2700K

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	95	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°	53965
5°	53269
10°	51168
15°	47855
20°	43660
25°	38954
30°	34081
35°	28322
40°	22328
45°	15133
50°	9245
55°	4779
60°	4473
65°	4203
70°	3911
75°	3474
80°	3410
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15133 cd/sqm



TEST NUMBER: P1298117

CATALOG NUMBER: P3A13R55W2N902765DE010 E3DLD1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.7	7.9
10°-20°	58.9	20.5
20°-30°	73.8	25.7
30°-40°	65.9	23.0
40°-50°	38.6	13.4
50°-60°	13.3	4.6
60°-70°	8.1	2.8
70°-80°	4.5	1.6
80°-90°	1.3	0.5
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°	155.4	54.2
0°-40°	221.3	77.1
0°-60°	273.2	95.2
0°-90°	287.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	287.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	246	
5°	242	23
15°	211	59
25°	161	74
35°	106	66
45°	49	39
55°	12	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



TEST NUMBER: P1298117
CATALOG NUMBER: P3A13R55W2N902765DE010 E3DLD1GPH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	246.1
2.5°	244.7
5°	242.0
7.5°	236.6
10°	229.8
12.5°	221.3
15°	210.8
17.5°	199.7
20°	187.1
22.5°	174.2
25°	161.0
27.5°	147.8
30°	134.6
32.5°	120.3
35°	105.8
37.5°	91.5
40°	78.0
42.5°	63.4
45°	48.8
47.5°	37.3
50°	27.1
52.5°	17.6
55°	12.5
57.5°	11.2
60°	10.2
62.5°	9.2
65°	8.1
67.5°	7.1
70°	6.1
72.5°	5.1
75°	4.1
77.5°	3.4
80°	2.7
82.5°	1.7
85°	1.0
87.5°	0.7
90°	0.0

(END OF REPORT)