

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: P1297925

Luminaire Tested: P3A13R55W2N902750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297925
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R55W2N902750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

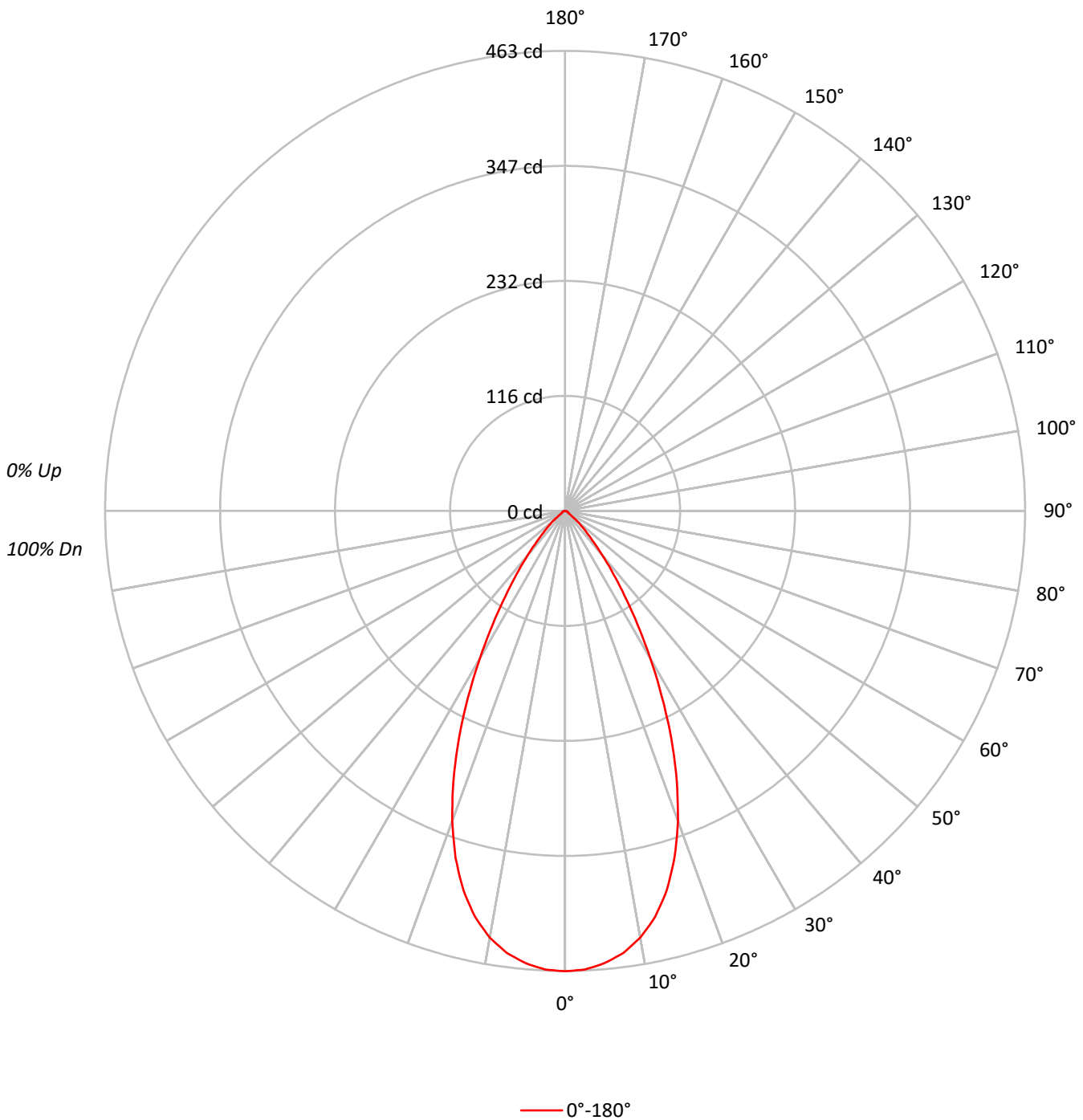
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 370.0 lumens
Efficiency: N/A
Efficacy: 30.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
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

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20						20							20
RC	80					70						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	113	111	108	106		111	108	106	104		104	103	101		101	99	98		97
2	108	103	99	95		106	101	97	94		98	95	92		95	92	90		92
3	102	96	91	87		100	94	90	86		92	88	85		89	86	84		87
4	97	90	84	80		95	89	83	79		86	82	78		84	81	78		82
5	92	84	78	74		91	83	78	74		81	77	73		80	76	72		78
6	88	79	73	69		86	78	73	68		77	72	68		75	71	68		74
7	84	74	68	64		82	74	68	64		72	67	64		71	67	63		70
8	80	70	64	60		78	70	64	60		69	63	60		67	63	60		67
9	76	66	61	57		75	66	60	56		65	60	56		64	59	56		63
10	73	63	57	53		72	62	57	53		62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	101593
5°	100572
10°	97126
15°	89762
20°	77473
25°	61189
30°	43399
35°	27974
40°	16803
45°	9458
50°	5083
55°	1835
60°	1623
65°	1608
70°	1539
75°	1440
80°	1263
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9458 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.0	11.6
10°-20°	109.4	29.6
20°-30°	114.6	31.0
30°-40°	66.8	18.1
40°-50°	25.0	6.8
50°-60°	5.9	1.6
60°-70°	3.0	0.8
70°-80°	1.8	0.5
80°-90°	0.5	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°	266.9	72.1
0°-40°	333.8	90.2
0°-60°	364.7	98.6
0°-90°	370.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	370.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	463	
5°	457	43
15°	395	109
25°	253	115
35°	104	67
45°	30	25
55°	5	6
65°	3	3
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	463.3
2.5°	462.0
5°	456.9
7.5°	448.7
10°	436.2
12.5°	418.5
15°	395.4
17.5°	366.3
20°	332.0
22.5°	293.6
25°	252.9
27.5°	211.1
30°	171.4
32.5°	135.4
35°	104.5
37.5°	79.4
40°	58.7
42.5°	42.1
45°	30.5
47.5°	22.1
50°	14.9
52.5°	8.5
55°	4.8
57.5°	4.1
60°	3.7
62.5°	3.4
65°	3.1
67.5°	2.7
70°	2.4
72.5°	2.0
75°	1.7
77.5°	1.4
80°	1.0
82.5°	0.7
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)