

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: P1290372

Luminaire Tested: P3A05R55W2N902750DE010 E3DLD1H_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290372
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: P3A05R55W2N902750DE010 E3DLD1H_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3500K CCT AND, 90CRI ,
E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

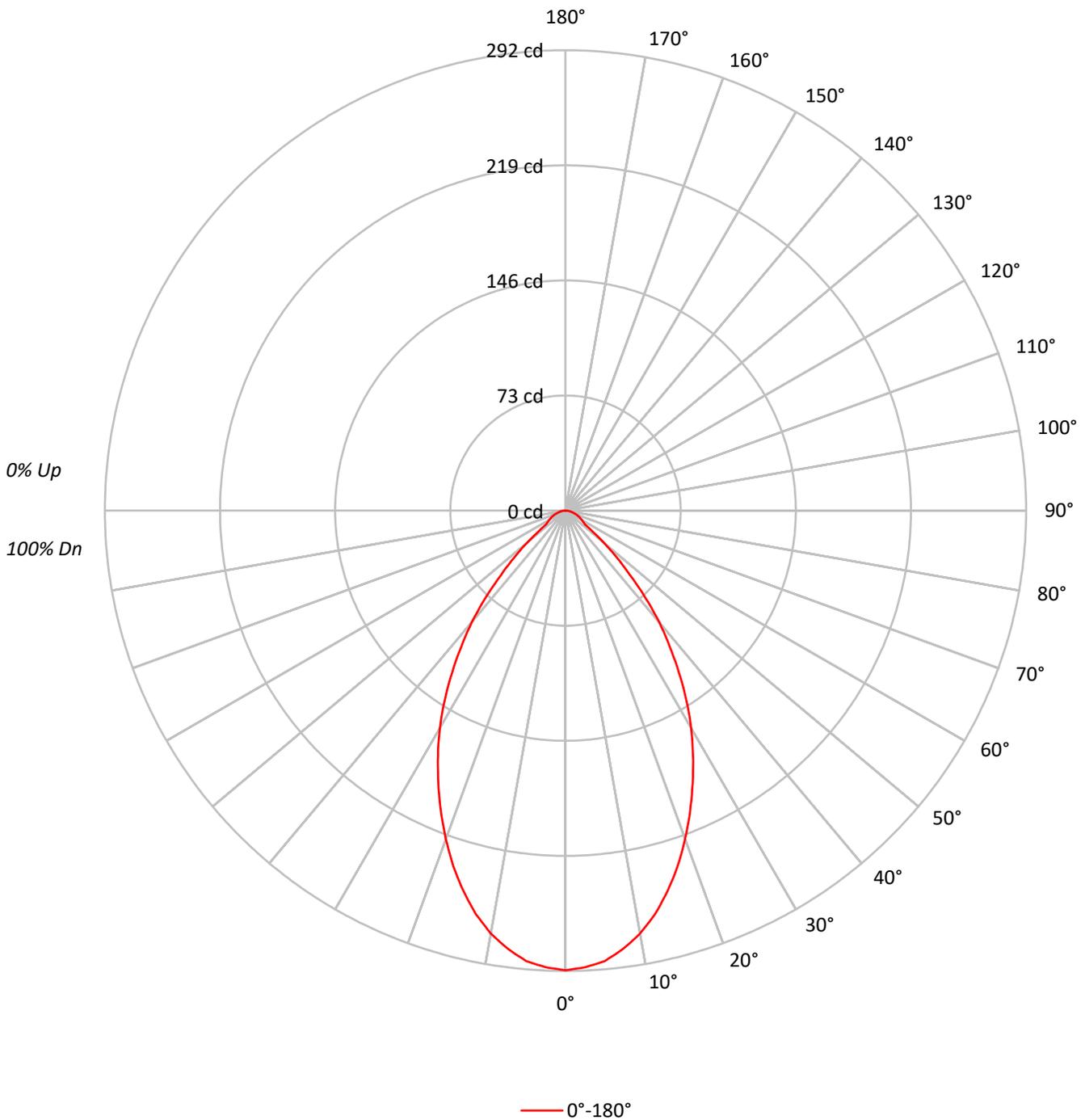
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 340.0 lumens
Efficiency: N/A
Efficacy: 57.6 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): 5.9
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: P1290372
CATALOG NUMBER: P3A05R55W2N902750DE010 E3DLD1H_3500K

Luminous Intensity Polar Plot





TEST NUMBER: P1290372
 CATALOG NUMBER: P3A05R55W2N902750DE010 E3DLD1H_3500K

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°	63920
5°	63108
10°	60631
15°	56709
20°	51734
25°	46140
30°	40361
35°	33542
40°	26450
45°	17924
50°	10951
55°	5696
60°	5263
65°	4981
70°	4616
75°	4067
80°	4041
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17924 cd/sqm



TEST NUMBER: P1290372
 CATALOG NUMBER: P3A05R55W2N902750DE010 E3DLD1H_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.9	7.9
10°-20°	69.8	20.5
20°-30°	87.4	25.7
30°-40°	78.0	23.0
40°-50°	45.7	13.4
50°-60°	15.8	4.6
60°-70°	9.5	2.8
70°-80°	5.3	1.6
80°-90°	1.5	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°	184.1	54.2
0°-40°	262.2	77.1
0°-60°	323.7	95.2
0°-90°	340.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	340.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	292	
5°	287	27
15°	250	70
25°	191	87
35°	125	78
45°	58	46
55°	15	16
65°	10	9
75°	5	5
85°	1	2
90°	0	



TEST NUMBER: P1290372
CATALOG NUMBER: P3A05R55W2N902750DE010 E3DLD1H_3500K

CANDELA DISTRIBUTION (FULL):

	0°
0°	291.5
2.5°	289.9
5°	286.7
7.5°	280.3
10°	272.3
12.5°	262.2
15°	249.8
17.5°	236.5
20°	221.7
22.5°	206.4
25°	190.7
27.5°	175.1
30°	159.4
32.5°	142.6
35°	125.3
37.5°	108.4
40°	92.4
42.5°	75.1
45°	57.8
47.5°	44.2
50°	32.1
52.5°	20.9
55°	14.9
57.5°	13.3
60°	12.0
62.5°	10.8
65°	9.6
67.5°	8.4
70°	7.2
72.5°	6.0
75°	4.8
77.5°	4.0
80°	3.2
82.5°	2.0
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)