

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: P1290336

Luminaire Tested: P3A05R55W2N902750DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290336
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: P3A05R55W2N902750DE010 E3DL1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

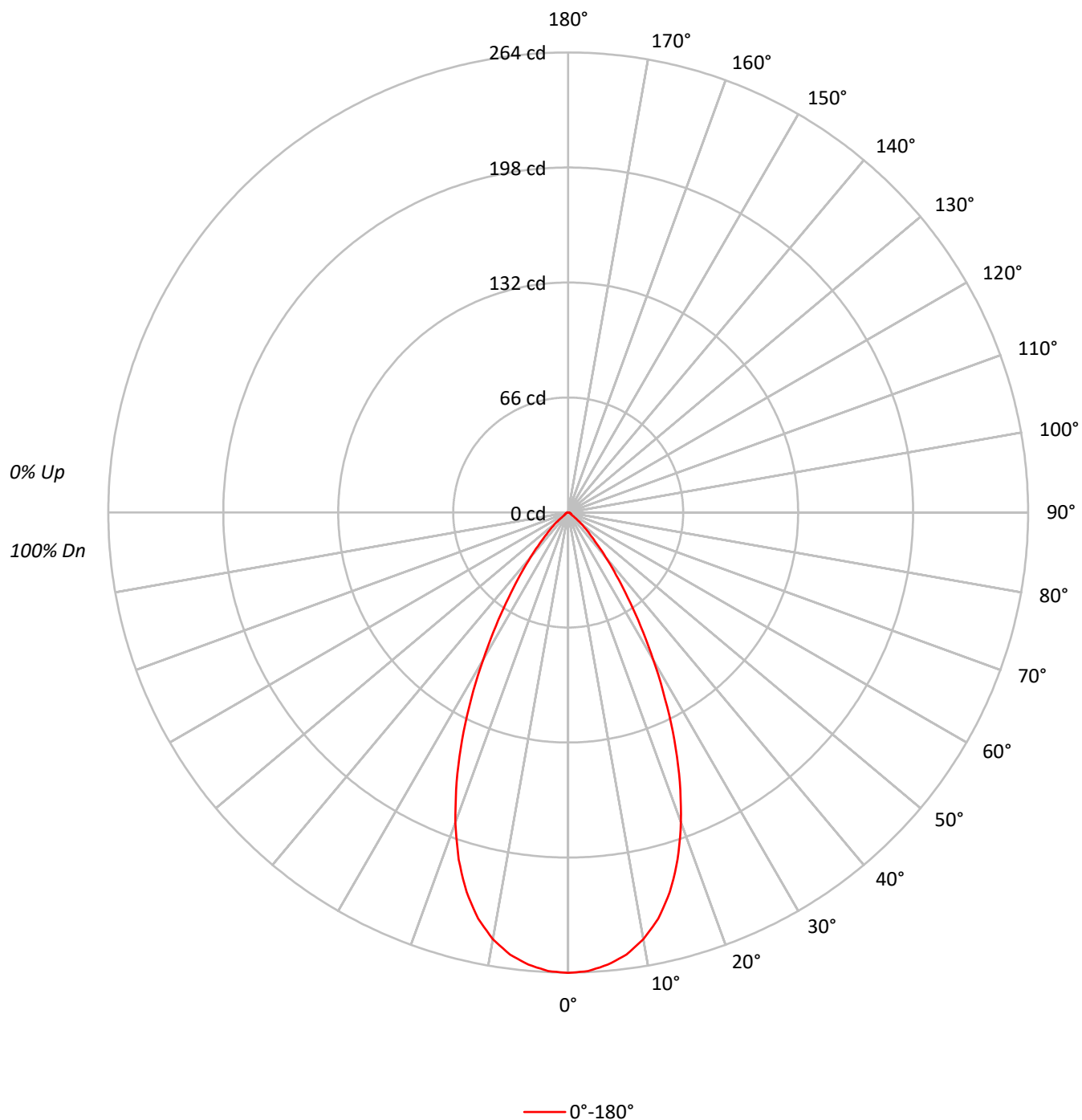
Lumens per Lamp: N/A
Luminaire Lumens: 211.0 lumens
Efficiency: N/A
Efficacy: 35.8 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	113	111	108	106	111	108	106	104	104	103	101		101	99	98		97	96	95		93
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92	90	88		87
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87	85	82		81
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82	79	77		75
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78	75	72		70
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74	70	67		66
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70	66	63		62
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67	62	59		58
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63	59	56		55
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60	56	53		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	57934
5°	57341
10°	55376
15°	51192
20°	44174
25°	34889
30°	24763
35°	15954
40°	9589
45°	5396
50°	2900
55°	1032
60°	921
65°	882
70°	898
75°	847
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5396 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.5	11.6
10°-20°	62.4	29.6
20°-30°	65.3	31.0
30°-40°	38.1	18.1
40°-50°	14.3	6.8
50°-60°	3.3	1.6
60°-70°	1.7	0.8
70°-80°	1.1	0.5
80°-90°	0.3	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°	152.2	72.1
0°-40°	190.3	90.2
0°-60°	207.9	98.6
0°-90°	211.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	211.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	264	
5°	260	25
15°	226	62
25°	144	65
35°	60	38
45°	17	14
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	264.2
2.5°	263.4
5°	260.5
7.5°	255.9
10°	248.7
12.5°	238.7
15°	225.5
17.5°	208.9
20°	189.3
22.5°	167.4
25°	144.2
27.5°	120.4
30°	97.8
32.5°	77.2
35°	59.6
37.5°	45.3
40°	33.5
42.5°	24.0
45°	17.4
47.5°	12.6
50°	8.5
52.5°	4.8
55°	2.7
57.5°	2.3
60°	2.1
62.5°	1.9
65°	1.7
67.5°	1.5
70°	1.4
72.5°	1.2
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)