

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: P1290335

Luminaire Tested: P3AS05R55W2N902750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290335
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: P3AS05R55W2N902750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

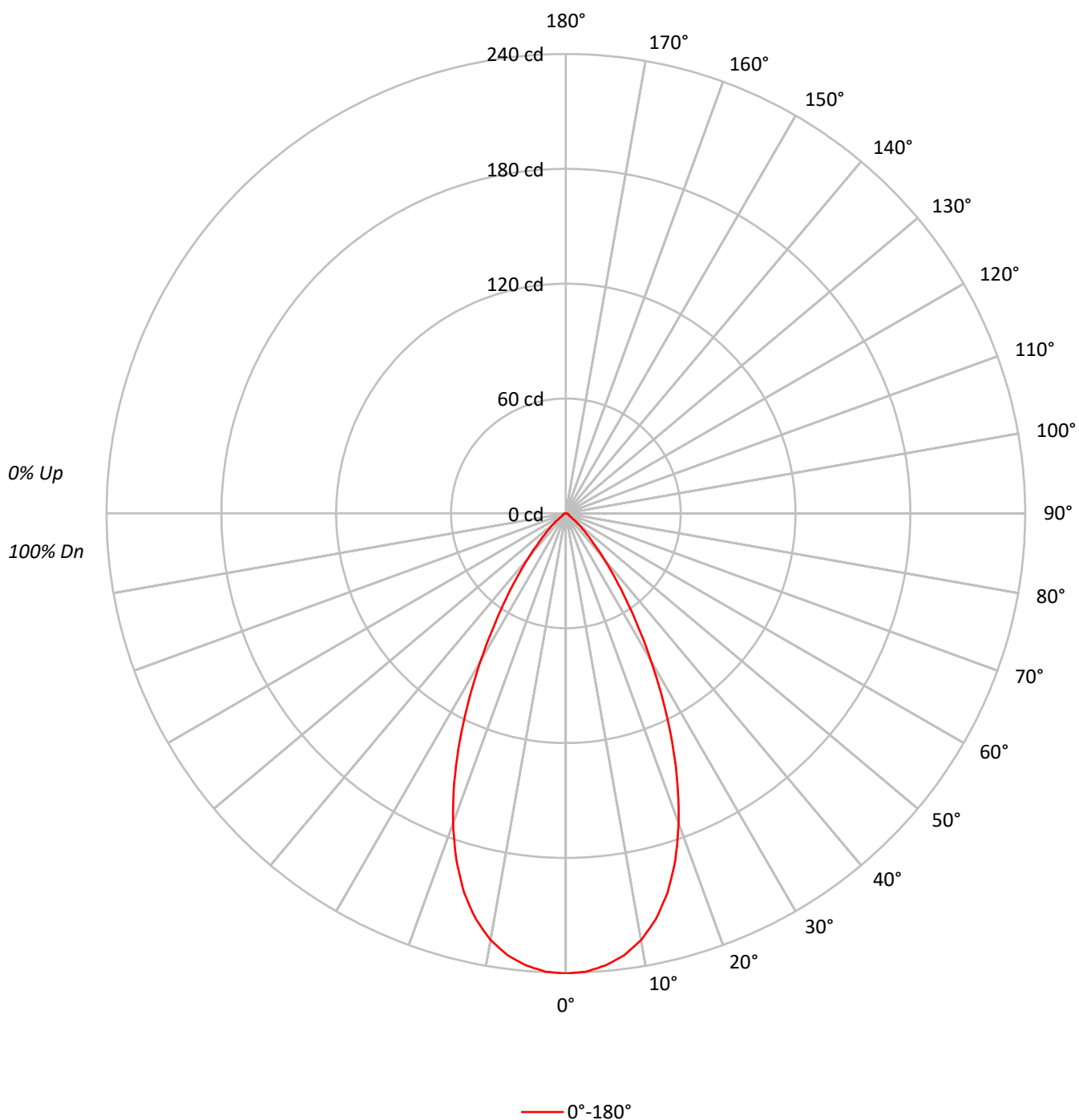
Lumens per Lamp: N/A
Luminaire Lumens: 192.1 lumens
Efficiency: N/A
Efficacy: 32.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	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	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	75	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°	52715
5°	52190
10°	50389
15°	46584
20°	40207
25°	31744
30°	22535
35°	14536
40°	8731
45°	4931
50°	2661
55°	956
60°	833
65°	830
70°	769
75°	763
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4931 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.3	11.6
10°-20°	56.7	29.5
20°-30°	59.5	31.0
30°-40°	34.7	18.1
40°-50°	13.0	6.8
50°-60°	3.1	1.6
60°-70°	1.6	0.8
70°-80°	0.9	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°	138.5	72.1
0°-40°	173.2	90.2
0°-60°	189.3	98.5
0°-90°	192.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	192.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	240	
5°	237	22
15°	205	57
25°	131	59
35°	54	35
45°	16	13
55°	2	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	240.4
2.5°	239.7
5°	237.1
7.5°	232.9
10°	226.3
12.5°	217.2
15°	205.2
17.5°	190.1
20°	172.3
22.5°	152.4
25°	131.2
27.5°	109.6
30°	89.0
32.5°	70.3
35°	54.3
37.5°	41.2
40°	30.5
42.5°	21.8
45°	15.9
47.5°	11.4
50°	7.8
52.5°	4.4
55°	2.5
57.5°	2.1
60°	1.9
62.5°	1.8
65°	1.6
67.5°	1.4
70°	1.2
72.5°	1.1
75°	0.9
77.5°	0.7
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)