

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: P1287802

Luminaire Tested: P3AS05R15W2N902750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287802
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R15W2N902750DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

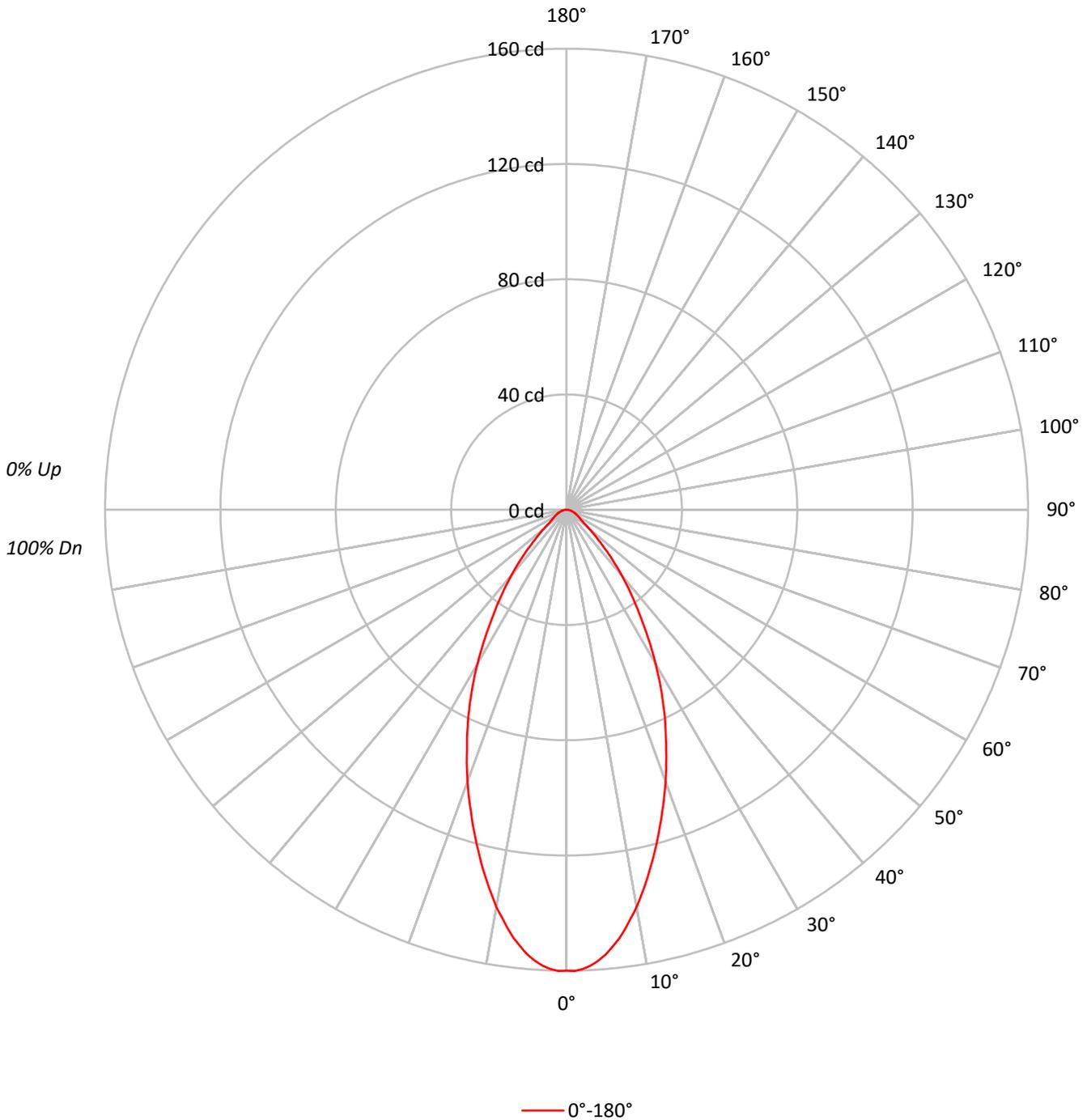
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 139.0 lumens
Efficiency: N/A
Efficacy: 23.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
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	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	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49
10	68	58	52	47	67	57	51	47	57	51	47	56	51	47	55	50	47	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	35063
5°	34118
10°	31173
15°	27310
20°	23429
25°	19550
30°	15648
35°	11725
40°	8530
45°	5582
50°	3480
55°	2370
60°	2105
65°	1920
70°	1795
75°	1610
80°	1515
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5582 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.3	10.3
10°-20°	33.5	24.1
20°-30°	36.9	26.5
30°-40°	27.7	19.9
40°-50°	14.4	10.3
50°-60°	6.0	4.3
60°-70°	3.7	2.7
70°-80°	2.1	1.5
80°-90°	0.6	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
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0°-30°	84.7	60.9
0°-40°	112.4	80.8
0°-60°	132.7	95.4
0°-90°	139.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	139.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	160	
5°	155	14
15°	120	34
25°	81	37
35°	44	28
45°	18	14
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	159.9
1°	160.1
2°	159.5
3°	158.5
4°	156.9
5°	155.0
6°	152.5
7°	149.9
8°	146.7
9°	143.3
10°	140.0
12.5°	130.3
15°	120.3
17.5°	110.2
20°	100.4
22.5°	90.3
25°	80.8
27.5°	71.3
30°	61.8
32.5°	52.5
35°	43.8
37.5°	36.5
40°	29.8
42.5°	23.6
45°	18.0
47.5°	13.6
50°	10.2
52.5°	7.6
55°	6.2
57.5°	5.5
60°	4.8
62.5°	4.2
65°	3.7
67.5°	3.2
70°	2.8
72.5°	2.3
75°	1.9
77.5°	1.6
80°	1.2
82.5°	0.9
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)