

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: P1287772

Luminaire Tested: P3A05R15W2N902750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287772
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R15W2N902750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

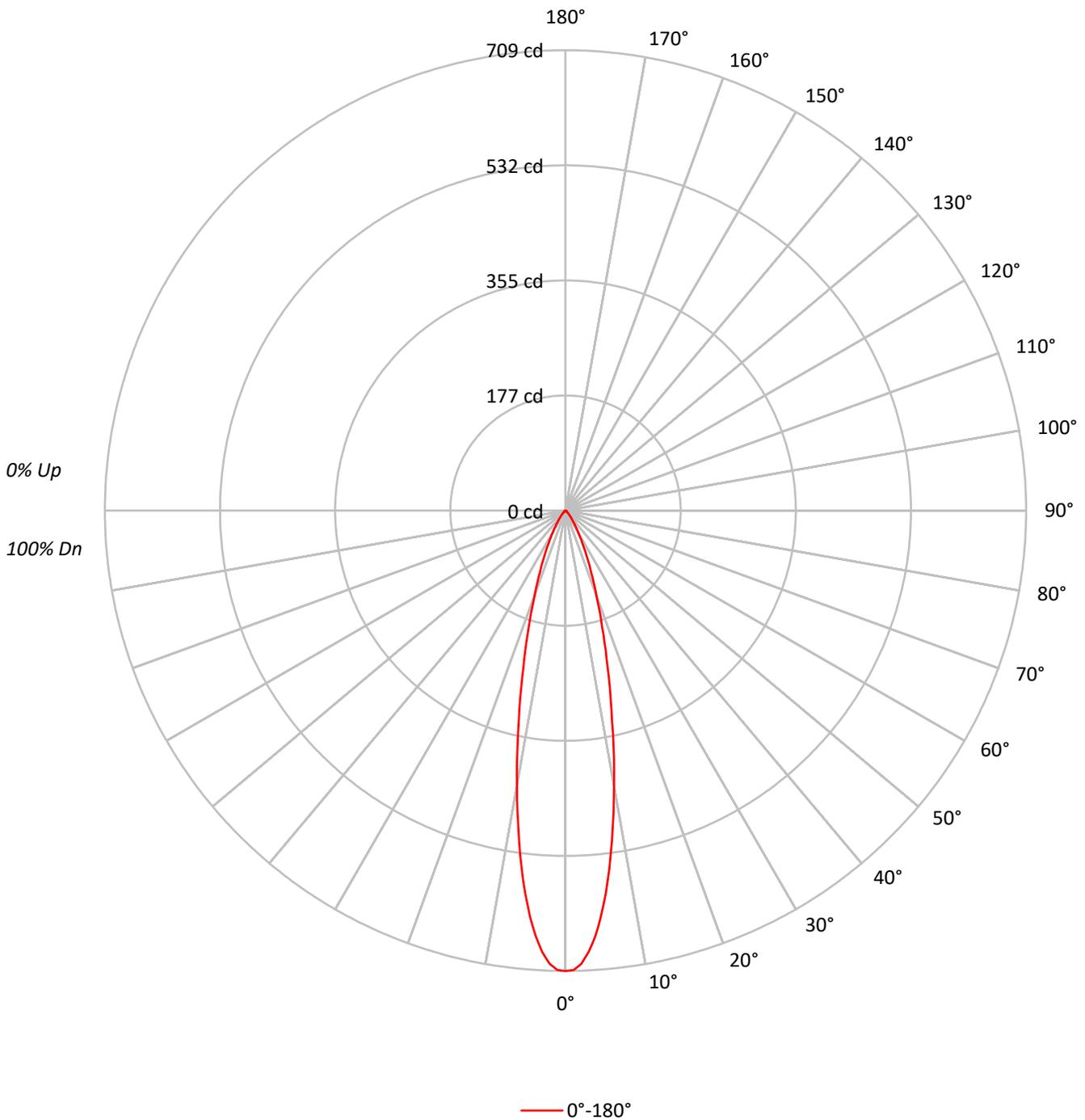
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 182.1 lumens
Efficiency: N/A
Efficacy: 30.9 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	97	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	93	93	93	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	88	88	88	87
4	102	96	91	88	100	95	91	88	93	89	87	91	88	86	89	87	85	85	85	85	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	81	81	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	78	78	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	75	75	75	74
8	89	81	77	74	88	81	76	73	80	76	73	79	75	73	78	75	73	73	73	73	71
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	70	70	70	69
10	83	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	68	68	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	155470
5°	138014
10°	95834
15°	56686
20°	32273
25°	18461
30°	10204
35°	5434
40°	3006
45°	1644
50°	1023
55°	803
60°	702
65°	623
70°	577
75°	593
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1644 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.3	29.3
10°-20°	70.4	38.6
20°-30°	36.2	19.9
30°-40°	13.6	7.5
40°-50°	4.5	2.5
50°-60°	1.9	1.1
60°-70°	1.2	0.7
70°-80°	0.7	0.4
80°-90°	0.2	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°	159.9	87.8
0°-40°	173.5	95.3
0°-60°	179.9	98.8
0°-90°	182.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	182.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	709	
5°	627	53
15°	250	70
25°	76	36
35°	20	14
45°	5	4
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	709.0
1°	707.6
2°	698.3
3°	680.6
4°	657.3
5°	627.0
6°	592.6
7°	554.9
8°	513.0
9°	471.6
10°	430.4
12.5°	331.2
15°	249.7
17.5°	186.9
20°	138.3
22.5°	103.3
25°	76.3
27.5°	55.6
30°	40.3
32.5°	28.6
35°	20.3
37.5°	14.6
40°	10.5
42.5°	7.5
45°	5.3
47.5°	3.9
50°	3.0
52.5°	2.5
55°	2.1
57.5°	1.8
60°	1.6
62.5°	1.4
65°	1.2
67.5°	1.1
70°	0.9
72.5°	0.9
75°	0.7
77.5°	0.5
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.0
90°	0.0

(END OF REPORT)