

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: P1287806

Luminaire Tested: P3A05R15W2N902750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287806
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: P3A05R15W2N902750DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

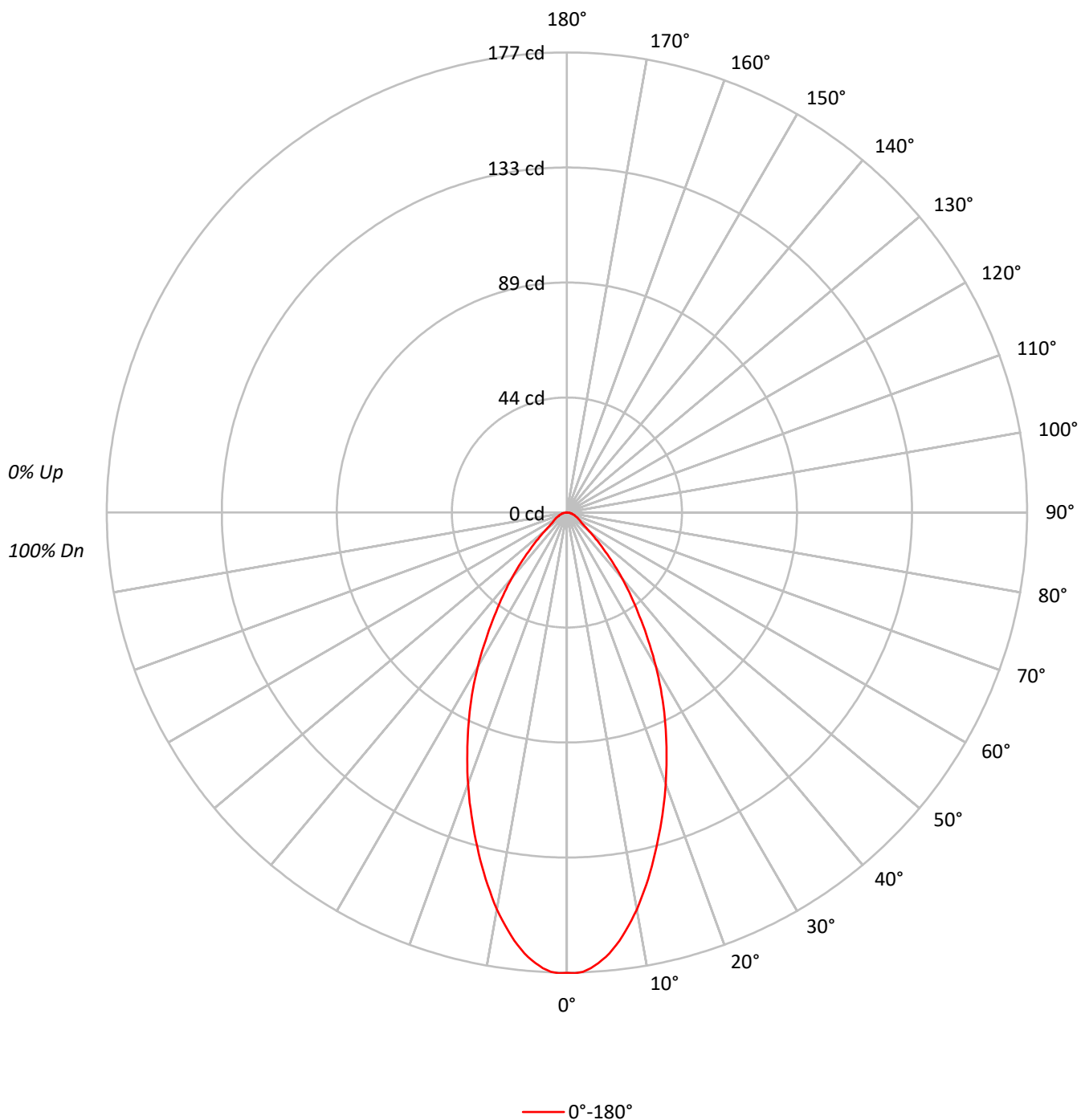
Lumens per Lamp: N/A
Luminaire Lumens: 154.0 lumens
Efficiency: N/A
Efficacy: 26.1 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	38835
5°	37794
10°	34535
15°	30239
20°	25949
25°	21654
30°	17344
35°	13010
40°	9446
45°	6171
50°	3855
55°	2600
60°	2324
65°	2127
70°	1988
75°	1779
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6171 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.8	10.3
10°-20°	37.1	24.1
20°-30°	40.9	26.6
30°-40°	30.6	19.9
40°-50°	15.9	10.3
50°-60°	6.6	4.3
60°-70°	4.1	2.6
70°-80°	2.3	1.5
80°-90°	0.7	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°	93.9	61.0
0°-40°	124.5	80.9
0°-60°	146.9	95.4
0°-90°	154.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	154.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	177	
5°	172	16
15°	133	37
25°	90	41
35°	49	31
45°	20	16
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	177.1
1°	177.3
2°	176.8
3°	175.6
4°	173.8
5°	171.7
6°	169.0
7°	166.0
8°	162.5
9°	158.8
10°	155.1
12.5°	144.4
15°	133.2
17.5°	122.1
20°	111.2
22.5°	100.1
25°	89.5
27.5°	79.0
30°	68.5
32.5°	58.1
35°	48.6
37.5°	40.4
40°	33.0
42.5°	26.1
45°	19.9
47.5°	15.0
50°	11.3
52.5°	8.4
55°	6.8
57.5°	6.0
60°	5.3
62.5°	4.7
65°	4.1
67.5°	3.5
70°	3.1
72.5°	2.5
75°	2.1
77.5°	1.8
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.2
90°	0.0

(END OF REPORT)