

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: P1287914

Luminaire Tested: P3A05R15W2N902765DE010 E3D1H_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287914
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R15W2N902765DE010 E3D1H_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

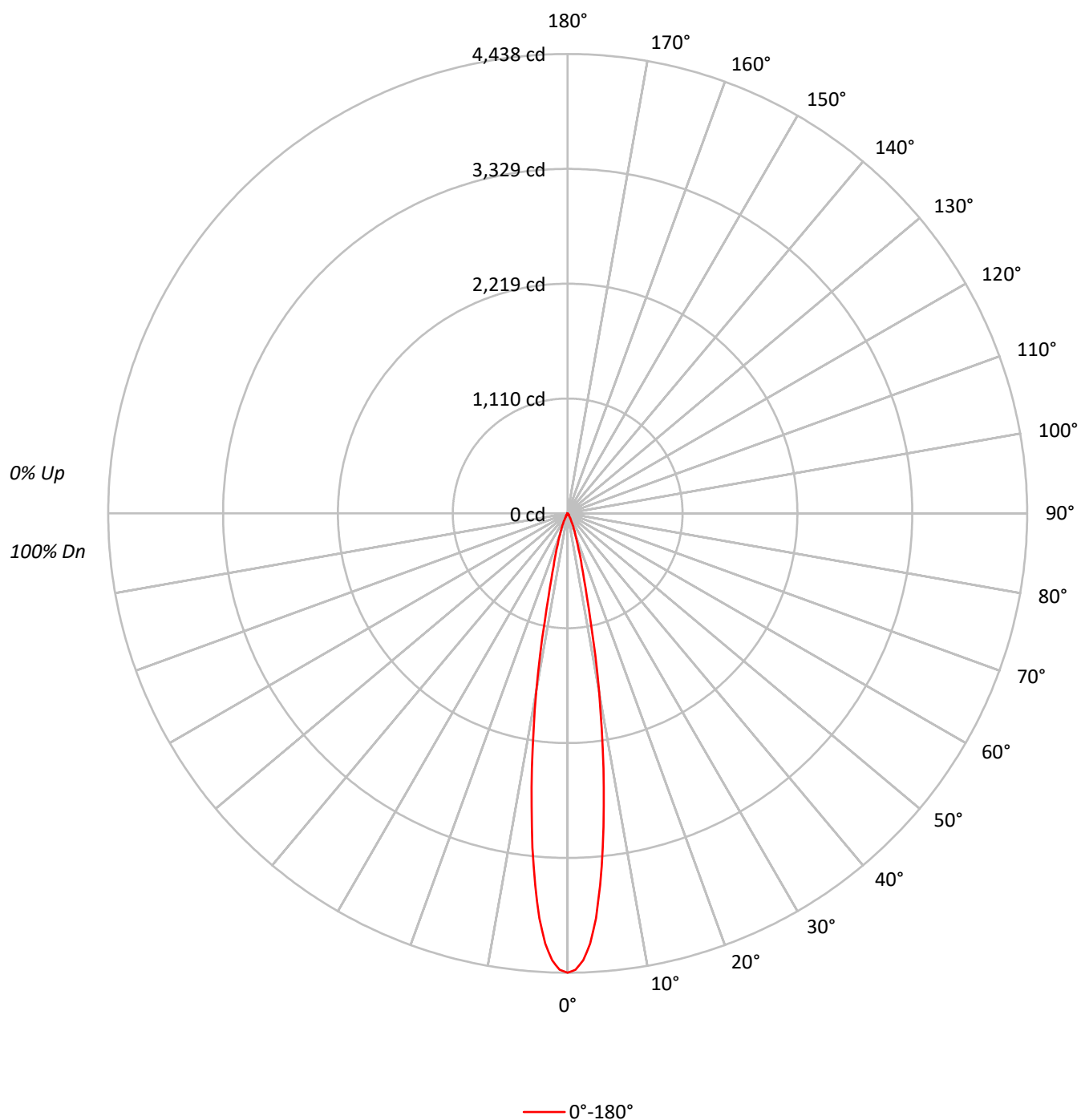
Lumens per Lamp: N/A
Luminaire Lumens: 511.0 lumens
Efficiency: N/A
Efficacy: 86.6 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	116	114	112	111		113	112	110	109		108	107	105		104	103	102		101	100	99		98			
2	112	109	107	105		110	108	105	103		105	103	101		102	100	99		99	98	97		96			
3	110	106	102	100		108	104	102	99		102	100	98		100	98	96		98	96	95		94			
4	107	102	99	96		105	101	98	96		99	97	95		98	96	94		96	94	93		92			
5	105	100	96	94		103	99	96	93		97	94	92		96	93	92		94	93	91		90			
6	102	97	94	91		101	96	93	91		95	92	90		94	92	90		93	91	89		88			
7	100	95	91	89		99	94	91	89		93	90	88		92	90	88		91	89	88		87			
8	98	93	89	87		97	92	89	87		91	89	87		91	88	86		90	88	86		85			
9	96	91	88	85		96	91	87	85		90	87	85		89	87	85		88	86	85		84			
10	95	89	86	84		94	89	86	84		88	85	83		88	85	83		87	85	83		82			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	973080
5°	793482
10°	388592
15°	118934
20°	50381
25°	22792
30°	8887
35°	4096
40°	1288
45°	496
50°	205
55°	76
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 496 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	280.6	54.9
10°-20°	172.2	33.7
20°-30°	46.3	9.1
30°-40°	10.2	2.0
40°-50°	1.4	0.3
50°-60°	0.3	0.1
60°-70°	0.1	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	499.0	97.6
0°-40°	509.2	99.6
0°-60°	510.9	100.0
0°-90°	511.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	511.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4438	
5°	3605	281
15°	524	172
25°	94	46
35°	15	10
45°	2	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4437.6
1°	4409.9
2°	4320.9
3°	4160.7
4°	3919.5
5°	3604.8
6°	3248.8
7°	2852.4
8°	2488.1
9°	2102.0
10°	1745.2
11°	1392.2
12°	1071.1
13°	823.9
14°	652.2
15°	523.9
17.5°	324.7
20°	215.9
22.5°	145.3
25°	94.2
27.5°	55.8
30°	35.1
32.5°	23.6
35°	15.3
37.5°	8.5
40°	4.5
42.5°	2.5
45°	1.6
47.5°	1.0
50°	0.6
52.5°	0.4
55°	0.2
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)