

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: P1299303

Luminaire Tested: P3A17R15W2N902765DE010 E3D1H_6500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299303
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: P3A17R15W2N902765DE010 E3D1H_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 6500K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

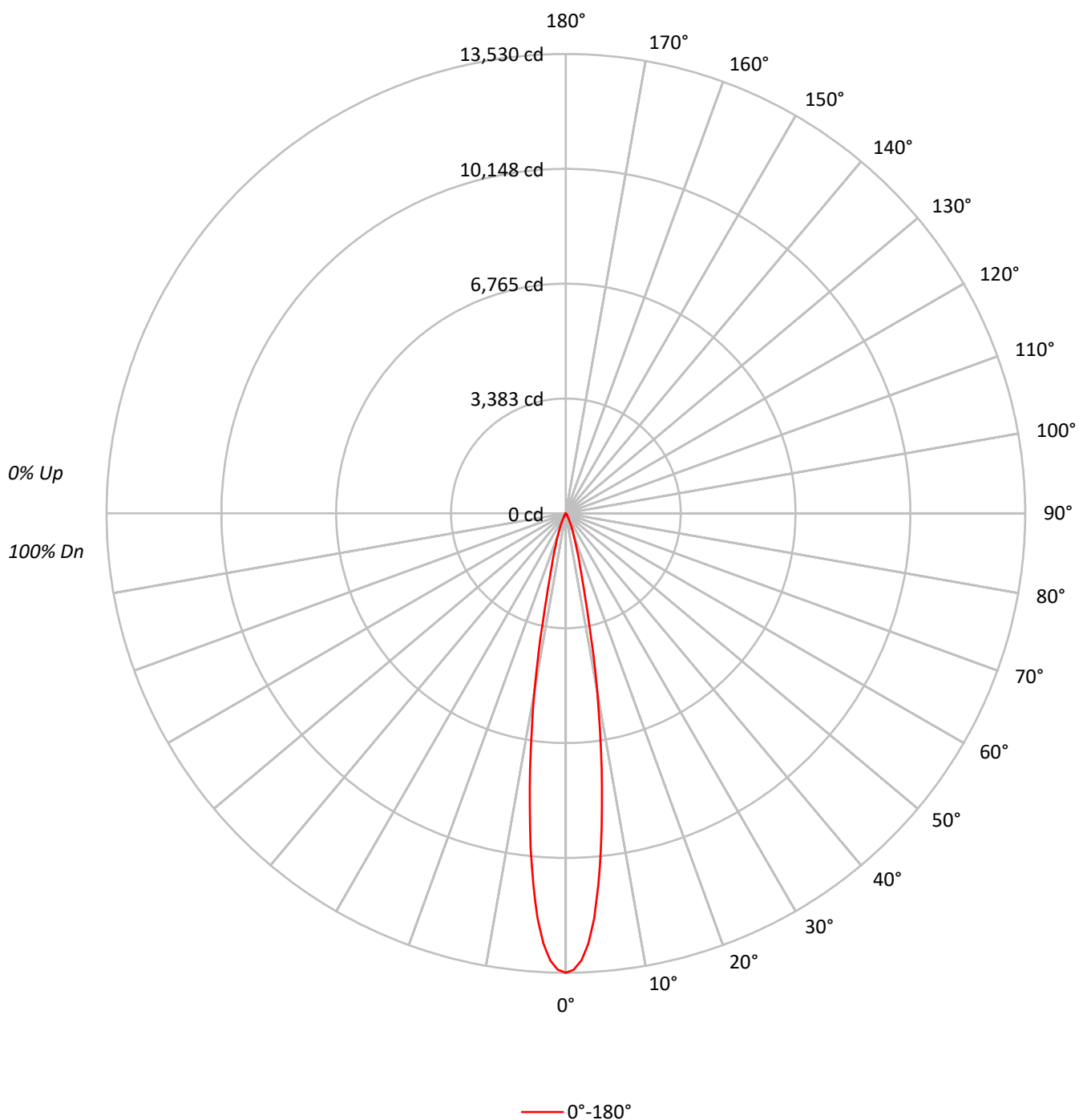
Lumens per Lamp: N/A
Luminaire Lumens: 1558.0 lumens
Efficiency: N/A
Efficacy: 80.3 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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°	2966824
5°	2419254
10°	1184814
15°	362635
20°	153570
25°	69464
30°	27067
35°	12501
40°	3893
45°	1458
50°	614
55°	229
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1458 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	855.5	54.9
10°-20°	524.9	33.7
20°-30°	141.0	9.0
30°-40°	31.1	2.0
40°-50°	4.4	0.3
50°-60°	0.8	0.1
60°-70°	0.4	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°	1521.4	97.7
0°-40°	1552.5	99.6
0°-60°	1557.7	100.0
0°-90°	1558.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1558.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	13530	
5°	10991	855
15°	1597	525
25°	287	141
35°	47	31
45°	5	4
55°	1	1
65°	1	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

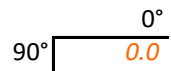
0°	
0°	13529.8
1°	13445.4
2°	13174.2
3°	12685.6
4°	11950.1
5°	10990.7
6°	9905.5
7°	8696.7
8°	7586.1
9°	6408.7
10°	5321.1
11°	4244.7
12°	3265.8
13°	2512.0
14°	1988.5
15°	1597.4
17.5°	990.1
20°	658.1
22.5°	443.1
25°	287.1
27.5°	170.1
30°	106.9
32.5°	72.1
35°	46.7
37.5°	26.0
40°	13.6
42.5°	7.7
45°	4.7
47.5°	3.0
50°	1.8
52.5°	1.2
55°	0.6
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6
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)