

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: P1314483

Luminaire Tested: P3SQAS17R159735DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314483
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R159735DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

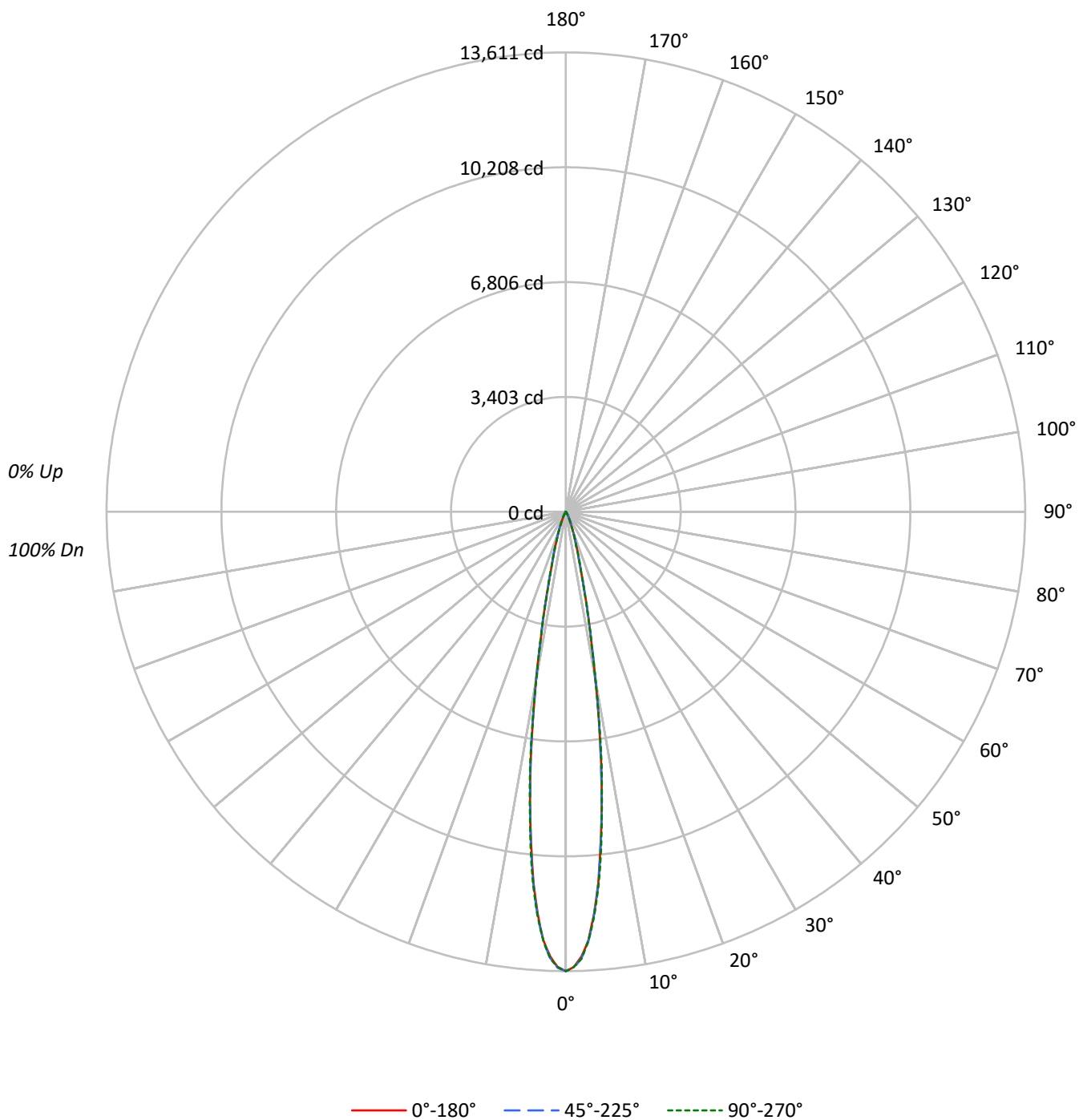
Lumens per Lamp: N/A
Luminaire Lumens: 1528.0 lumens
Efficiency: N/A
Efficacy: 72.1 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.3 / 0.29
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	116	114	112	111	113	112	110	109	108	107	105		104	103	102		101
2	112	109	107	105	110	108	105	103	105	103	101		102	100	99		99
3	110	106	103	100	108	104	102	99	102	100	98		100	98	96		98
4	107	102	99	97	106	101	98	96	100	97	95		98	96	94		96
5	105	100	96	94	103	99	96	93	97	95	93		96	94	92		95
6	102	97	94	91	101	97	93	91	95	92	90		94	92	90		93
7	100	95	92	89	99	94	91	89	93	91	89		92	90	88		92
8	98	93	90	87	98	93	89	87	92	89	87		91	88	87		90
9	97	91	88	86	96	91	88	85	90	87	85		89	87	85		89
10	95	89	86	84	94	89	86	84	89	86	84		88	85	84		87

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2344122	2344122	2344122
5°	1906111	1912750	1919389
10°	887706	888545	883718
15°	274668	284510	279161
20°	109507	115665	108188
25°	45815	54025	43554
30°	18614	24818	17182
35°	6055	11353	5550
40°	2158	4586	2158
45°	877	1461	877
50°	643	965	643
55°	721	721	721
60°	827	827	827
65°	489	489	489
70°	604	604	604
75°	799	799	799
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1461 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	852.0	55.8
10°-20°	509.4	33.3
20°-30°	129.6	8.5
30°-40°	28.2	1.8
40°-50°	4.5	0.3
50°-60°	2.2	0.1
60°-70°	1.3	0.1
70°-80°	0.8	0.1
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°	1491.0	97.6
0°-40°	1519.2	99.4
0°-60°	1525.9	99.9
0°-90°	1528.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1528.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	13611	13611	13611	13611	13611	
5°	11026	11041	11064	11014	11102	850
15°	1540	1584	1596	1573	1566	507
25°	241	258	284	252	229	123
35°	29	37	54	36	26	23
45°	4	5	6	5	4	3
55°	2	2	2	2	2	2
65°	1	1	1	1	1	1
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	13611.0	13611.0	13611.0	13611.0	13611.0
1°	13492.3	13515.1	13518.7	13515.1	13495.9
2°	13188.7	13255.9	13241.5	13212.7	13253.5
3°	12719.6	12753.2	12748.4	12750.8	12741.2
4°	11956.6	12015.4	11981.8	12007.0	12009.4
5°	11025.6	11041.2	11064.0	11013.6	11102.4
6°	9879.9	9979.4	9891.9	9978.2	10013.0
7°	8714.9	8772.5	8660.9	8720.9	8756.9
8°	7523.6	7422.8	7484.0	7485.2	7603.9
9°	6237.4	6257.8	6309.4	6250.6	6302.2
10°	5076.1	5122.9	5080.9	5060.5	5053.3
11°	4008.3	4061.1	4057.5	4063.5	4023.9
12°	3224.9	3197.3	3215.3	3156.5	3182.9
13°	2509.9	2511.1	2496.7	2472.7	2451.1
14°	1966.4	1954.4	1988.0	1958.0	1930.4
15°	1540.5	1583.7	1595.7	1572.9	1565.7
17.5°	950.2	951.4	968.2	946.6	944.2
20°	597.5	611.9	631.1	608.3	590.3
22.5°	377.9	391.1	421.1	392.3	367.1
25°	241.1	257.9	284.3	251.9	229.2
27.5°	151.2	166.8	192.0	162.0	145.2
30°	93.6	104.4	124.8	102.0	86.4
32.5°	54.0	64.8	81.6	61.2	51.6
35°	28.8	37.2	54.0	36.0	26.4
37.5°	16.8	21.6	34.8	19.2	15.6
40°	9.6	13.2	20.4	12.0	9.6
42.5°	6.0	8.4	9.6	7.2	4.8
45°	3.6	4.8	6.0	4.8	3.6
47.5°	2.4	3.6	4.8	2.4	2.4
50°	2.4	2.4	3.6	2.4	2.4
52.5°	2.4	2.4	2.4	2.4	2.4
55°	2.4	2.4	2.4	2.4	2.4
57.5°	2.4	2.4	2.4	2.4	2.4
60°	2.4	2.4	2.4	2.4	2.4
62.5°	1.2	1.2	1.2	1.2	1.2
65°	1.2	1.2	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)