

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: P1311550

Luminaire Tested: P3SQAS17R609050DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311550
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R609050DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

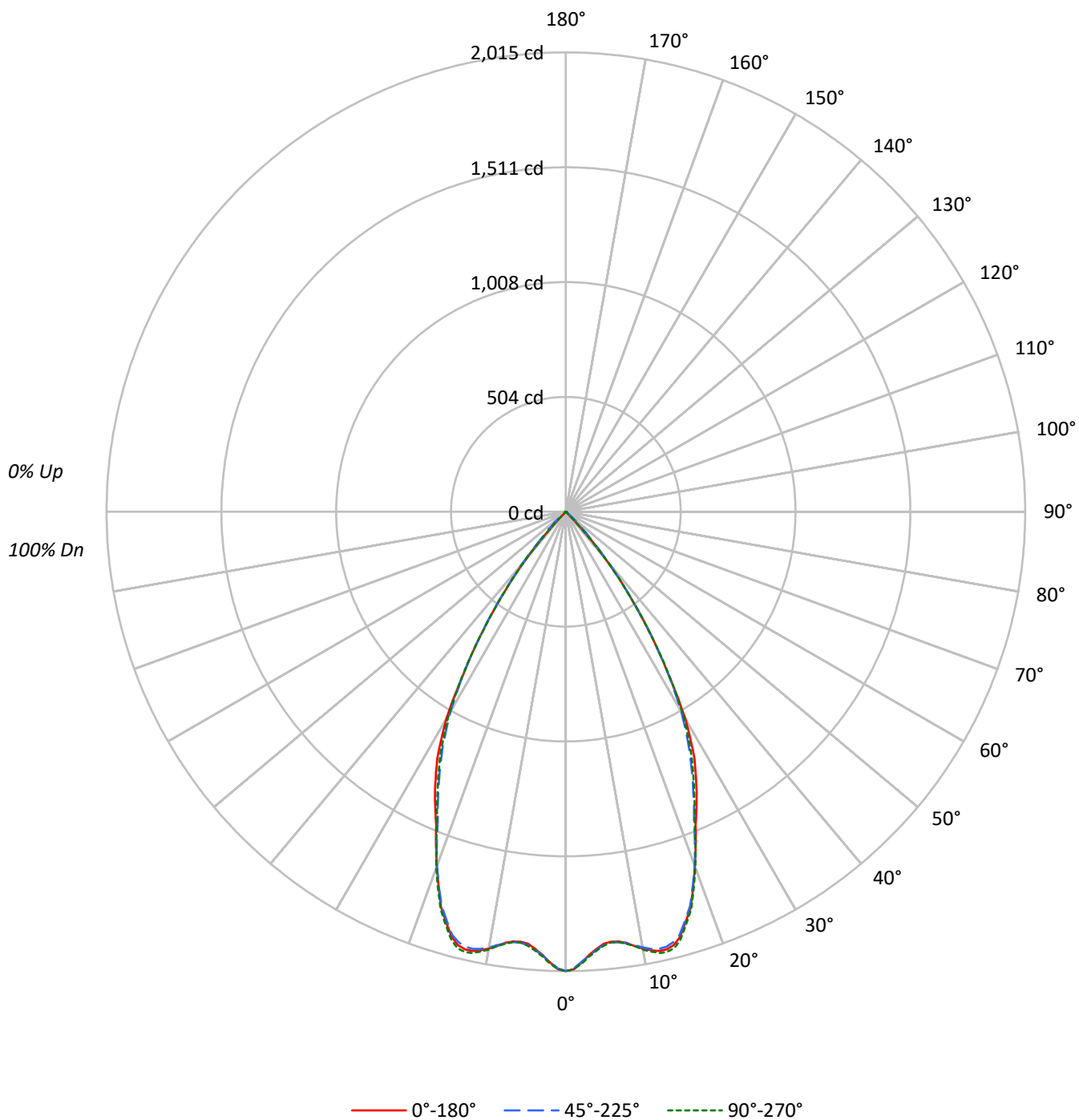
Lumens per Lamp: N/A
Luminaire Lumens: 1796.9 lumens
Efficiency: N/A
Efficacy: 84.8 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	114	111	108	106	111	109	107	105	105	103	101		101	100	98		98
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	79		83
5	93	85	79	75	91	84	79	75	82	77	74		80	76	73		79
6	88	80	74	70	87	79	73	69	77	73	69		76	72	68		75
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	70	65	61	69	64	60		68	64	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	346977	346977	346977
5°	328853	329821	330323
10°	340280	339301	341015
15°	344418	342921	346433
20°	303284	303028	304567
25°	258075	250607	252735
30°	208292	201033	204374
35°	131824	133022	131529
40°	61646	64164	62590
45°	3775	22602	4457
50°	1876	5278	1876
55°	2102	2102	2102
60°	1929	1929	1929
65°	1712	2282	1712
70°	2115	2115	2115
75°	1863	1863	1863
80°	1389	1389	1389
85°	2766	2766	2766

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 22602 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.6	10.2
10°-20°	528.9	29.4
20°-30°	609.6	33.9
30°-40°	391.5	21.8
40°-50°	68.1	3.8
50°-60°	6.5	0.4
60°-70°	4.9	0.3
70°-80°	3.0	0.2
80°-90°	1.0	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°	1322.1	73.6
0°-40°	1713.6	95.4
0°-60°	1788.1	99.5
0°-90°	1796.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1796.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2015	2015	2015	2015	2015	
5°	1902	1906	1908	1912	1911	183
15°	1932	1925	1923	1936	1943	529
25°	1358	1343	1319	1320	1330	619
35°	627	623	633	620	626	391
45°	16	46	93	55	18	51
55°	7	7	7	7	7	6
65°	4	6	6	6	4	5
75°	3	3	3	3	3	3
85°	1	1	1	1	1	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2014.7	2014.7	2014.7	2014.7	2014.7
1°	2006.3	2004.9	2003.4	2004.9	2006.3
2°	1978.1	1976.7	1975.3	1981.0	1983.8
3°	1947.2	1948.6	1950.0	1952.8	1954.2
4°	1921.9	1924.7	1926.1	1928.9	1930.3
5°	1902.2	1906.4	1907.8	1912.1	1910.7
6°	1896.6	1899.4	1900.8	1902.2	1899.4
7°	1899.4	1900.8	1902.2	1905.0	1902.2
8°	1909.2	1910.7	1912.1	1913.5	1913.5
9°	1928.9	1926.1	1924.7	1930.3	1928.9
10°	1945.8	1941.6	1940.2	1948.6	1950.0
11°	1959.9	1954.2	1952.8	1962.7	1965.5
12°	1969.7	1961.3	1959.9	1972.5	1978.1
13°	1969.7	1958.5	1958.5	1972.5	1981.0
14°	1958.5	1945.8	1945.8	1961.3	1971.1
15°	1931.7	1924.7	1923.3	1936.0	1943.0
17.5°	1819.3	1810.8	1812.2	1826.3	1827.7
20°	1654.8	1650.6	1653.4	1656.2	1661.8
22.5°	1487.5	1484.7	1469.2	1473.4	1476.2
25°	1358.1	1342.7	1318.8	1320.2	1330.0
27.5°	1221.8	1206.3	1172.5	1179.6	1189.4
30°	1047.4	1034.8	1010.9	1015.1	1027.7
32.5°	822.5	847.8	825.3	832.3	828.1
35°	627.0	622.8	632.7	620.0	625.6
37.5°	441.5	442.9	447.1	435.8	435.8
40°	274.2	281.2	285.4	279.8	278.4
42.5°	115.3	157.5	165.9	157.5	116.7
45°	15.5	46.4	92.8	54.8	18.3
47.5°	7.0	9.8	49.2	9.8	7.0
50°	7.0	7.0	19.7	7.0	7.0
52.5°	7.0	7.0	7.0	7.0	7.0
55°	7.0	7.0	7.0	7.0	7.0
57.5°	7.0	7.0	7.0	7.0	7.0
60°	5.6	5.6	5.6	5.6	5.6
62.5°	5.6	5.6	5.6	5.6	5.6
65°	4.2	5.6	5.6	5.6	4.2
67.5°	4.2	4.2	4.2	4.2	4.2
70°	4.2	4.2	4.2	4.2	4.2
72.5°	2.8	2.8	2.8	2.8	2.8
75°	2.8	2.8	2.8	2.8	2.8
77.5°	2.8	2.8	2.8	2.8	2.8
80°	1.4	1.4	1.4	1.4	1.4
82.5°	1.4	1.4	1.4	1.4	1.4
85°	1.4	1.4	1.4	1.4	1.4
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)