

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: P1316991

Luminaire Tested: P3SQAS09R359830DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316991
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS09R359830DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

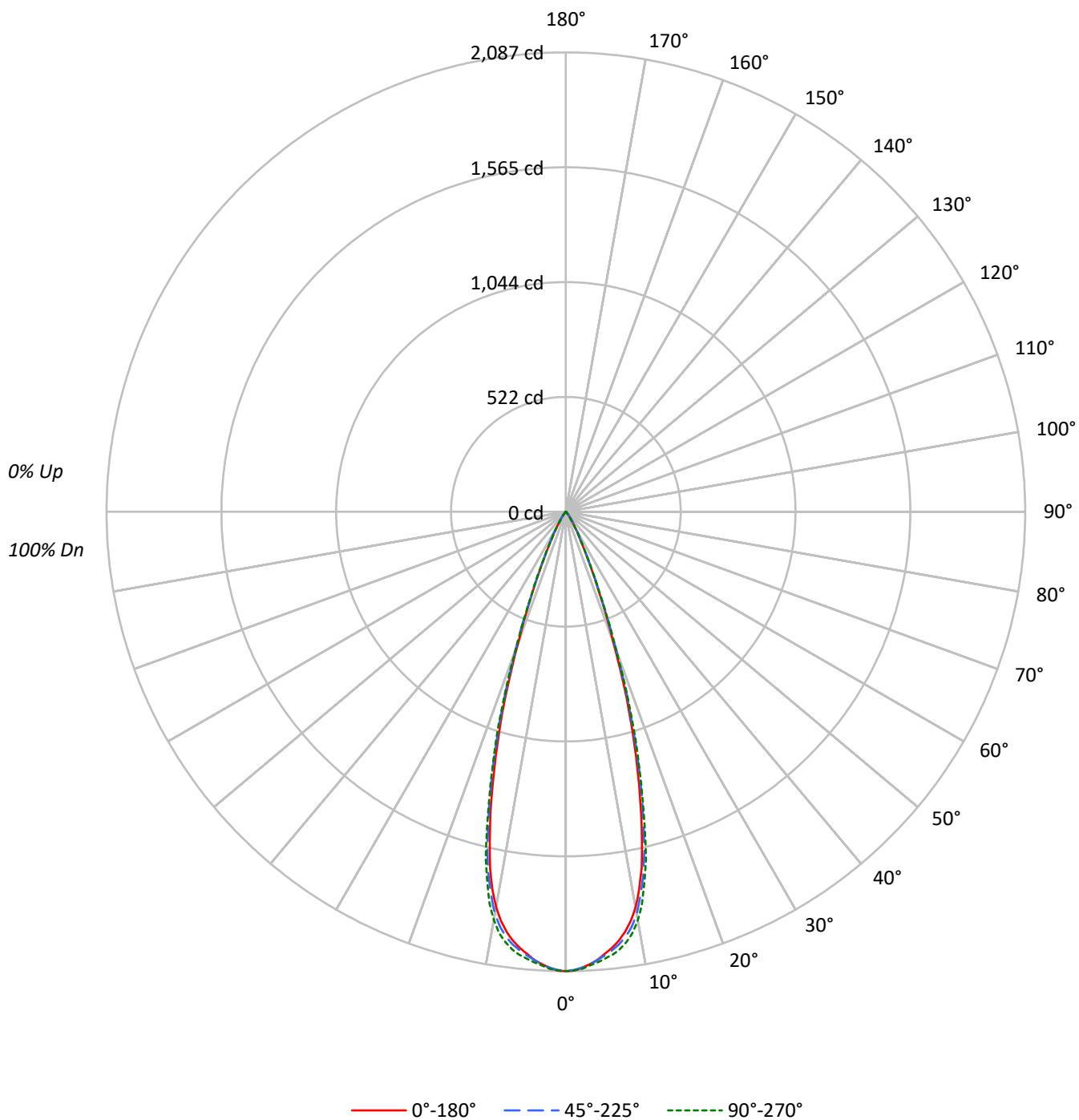
Lumens per Lamp: N/A
Luminaire Lumens: 700.9 lumens
Efficiency: N/A
Efficacy: 63.7 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94
4	103	98	94	91	102	97	93	90	95	92	89		93	90	88		91
5	100	94	90	86	99	93	89	86	91	88	85		90	87	85		89
6	97	90	86	83	96	90	86	83	88	85	82		87	84	82		86
7	94	87	83	80	93	87	82	79	85	82	79		84	81	79		83
8	91	84	80	77	90	84	80	77	83	79	76		82	78	76		81
9	88	81	77	74	88	81	77	74	80	76	74		79	76	74		79
10	86	79	75	72	85	78	74	72	78	74	71		77	74	71		76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	359411	359411	359411
5°	348769	349997	352365
10°	319033	324576	329560
15°	229006	237386	239829
20°	115189	121915	122208
25°	43649	45017	45226
30°	17739	20344	17401
35°	6433	9776	6202
40°	2698	4182	2585
45°	658	1729	658
50°	429	723	429
55°	480	480	480
60°	551	551	551
65°	448	448	448
70°	252	252	252
75°	333	333	333
80°	496	496	496
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1729 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.7	26.9
10°-20°	351.5	50.2
20°-30°	126.4	18.0
30°-40°	26.6	3.8
40°-50°	4.6	0.7
50°-60°	1.5	0.2
60°-70°	1.1	0.2
70°-80°	0.5	0.1
80°-90°	0.1	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°	666.6	95.1
0°-40°	693.2	98.9
0°-60°	699.2	99.8
0°-90°	700.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	700.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2087	2087	2087	2087	2087	
5°	2017	2021	2024	2038	2038	187
15°	1284	1307	1331	1346	1345	342
25°	230	233	237	239	238	122
35°	31	36	46	36	30	23
45°	3	4	7	4	3	3
55°	2	2	2	2	2	1
65°	1	1	1	1	1	1
75°	0	0	0	0	0	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°	2086.9	2086.9	2086.9	2086.9	2086.9
1°	2085.8	2085.8	2081.4	2086.3	2084.7
2°	2074.3	2075.4	2072.7	2078.7	2078.1
3°	2058.4	2061.2	2059.0	2067.7	2065.0
4°	2041.5	2043.7	2042.6	2053.5	2052.4
5°	2017.4	2021.2	2024.5	2038.2	2038.2
6°	1992.8	1996.6	2003.7	2018.5	2023.4
7°	1964.4	1969.3	1980.8	2000.5	2003.7
8°	1928.3	1933.7	1949.6	1970.9	1975.3
9°	1883.4	1891.6	1909.7	1935.4	1938.1
10°	1824.3	1830.9	1856.0	1877.4	1884.5
11°	1747.7	1753.2	1775.6	1810.1	1814.5
12°	1654.7	1661.3	1690.3	1712.7	1717.1
13°	1537.1	1549.7	1584.7	1606.6	1618.6
14°	1416.2	1433.2	1458.4	1489.5	1481.9
15°	1284.4	1306.8	1331.4	1345.7	1345.1
17.5°	961.1	974.2	996.1	1004.3	1015.3
20°	628.5	645.5	665.2	672.8	666.8
22.5°	390.0	394.4	400.4	403.7	402.6
25°	229.7	233.0	236.9	239.0	238.0
27.5°	138.4	146.1	151.5	145.0	141.1
30°	89.2	92.4	102.3	93.5	87.5
32.5°	53.1	60.7	68.9	58.5	50.9
35°	30.6	36.1	46.5	35.6	29.5
37.5°	19.7	22.4	30.1	21.9	19.1
40°	12.0	15.3	18.6	14.2	11.5
42.5°	6.0	9.3	10.9	8.2	6.0
45°	2.7	4.4	7.1	4.4	2.7
47.5°	1.6	2.2	4.4	2.2	1.6
50°	1.6	1.6	2.7	1.6	1.6
52.5°	1.6	1.6	1.6	1.6	1.6
55°	1.6	1.6	1.6	1.6	1.6
57.5°	1.6	1.6	1.6	1.6	1.6
60°	1.6	1.6	1.6	1.6	1.6
62.5°	1.1	1.1	1.1	1.1	1.1
65°	1.1	1.1	1.1	1.1	1.1
67.5°	1.1	1.1	1.1	1.1	1.1
70°	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	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)