

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: P1313629

Luminaire Tested: P3SQAS17R609730DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313629
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: P3SQAS17R609730DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

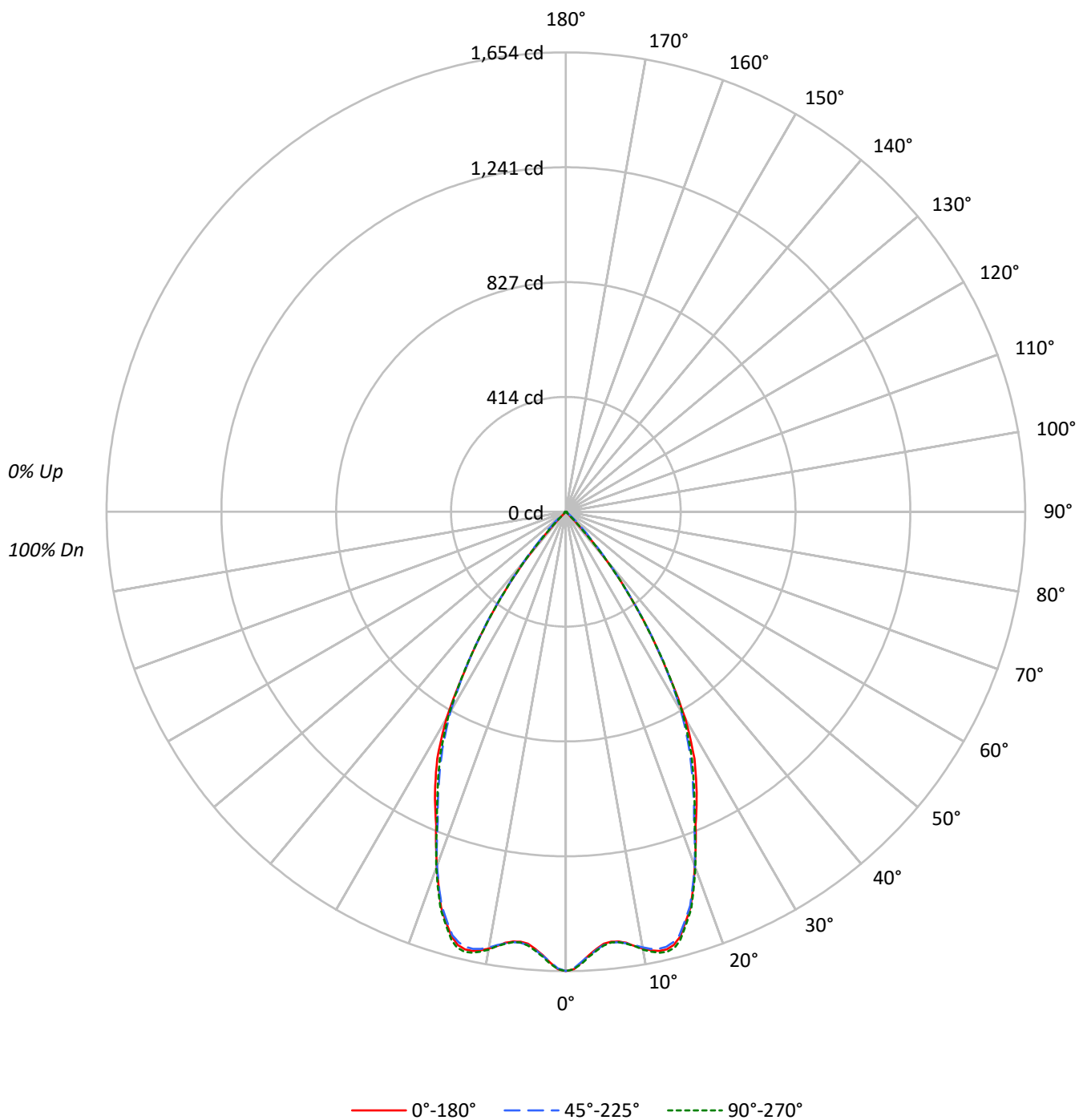
Lumens per Lamp: N/A
Luminaire Lumens: 1475.1 lumens
Efficiency: N/A
Efficacy: 69.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1313629

CATALOG NUMBER: P3SQAS17R609730DE010 E3SQCD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1313629

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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°	284805	284805	284805
5°	269936	270731	271128
10°	279300	278496	279912
15°	282709	281479	284350
20°	248943	248723	249988
25°	211842	205704	207452
30°	170965	164999	167763
35°	108213	109180	107961
40°	50585	52675	51372
45°	3093	18559	3653
50°	1554	4340	1554
55°	1742	1742	1742
60°	1584	1584	1584
65°	1426	1875	1426
70°	1762	1762	1762
75°	1530	1530	1530
80°	1190	1190	1190
85°	2371	2371	2371

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 18559 cd/sqm

TEST NUMBER: P1313629

CATALOG NUMBER: P3SQAS17R609730DE010 E3SQCD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.7	10.2
10°-20°	434.1	29.4
20°-30°	500.4	33.9
30°-40°	321.3	21.8
40°-50°	55.9	3.8
50°-60°	5.3	0.4
60°-70°	4.1	0.3
70°-80°	2.4	0.2
80°-90°	0.8	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°	1085.2	73.6
0°-40°	1406.5	95.4
0°-60°	1467.7	99.5
0°-90°	1475.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1475.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1654	1654	1654	1654	1654	
5°	1561	1565	1566	1569	1568	151
15°	1586	1580	1579	1589	1595	435
25°	1115	1102	1082	1084	1092	508
35°	515	511	519	509	514	321
45°	13	38	76	45	15	42
55°	6	6	6	6	6	5
65°	4	5	5	5	4	4
75°	2	2	2	2	2	2
85°	1	1	1	1	1	1
90°	0	0	0	0	0	

TEST NUMBER: P1313629

CATALOG NUMBER: P3SQAS17R609730DE010 E3SQCD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1653.7	1653.7	1653.7	1653.7	1653.7
1°	1646.8	1645.6	1644.5	1645.6	1646.8
2°	1623.7	1622.5	1621.4	1626.0	1628.3
3°	1598.3	1599.4	1600.6	1602.9	1604.1
4°	1577.5	1579.8	1581.0	1583.3	1584.4
5°	1561.4	1564.8	1566.0	1569.4	1568.3
6°	1556.7	1559.1	1560.2	1561.4	1559.1
7°	1559.1	1560.2	1561.4	1563.7	1561.4
8°	1567.1	1568.3	1569.4	1570.6	1570.6
9°	1583.3	1581.0	1579.8	1584.4	1583.3
10°	1597.1	1593.7	1592.5	1599.4	1600.6
11°	1608.7	1604.1	1602.9	1611.0	1613.3
12°	1616.8	1609.8	1608.7	1619.1	1623.7
13°	1616.8	1607.5	1607.5	1619.1	1626.0
14°	1607.5	1597.1	1597.1	1609.8	1617.9
15°	1585.6	1579.8	1578.7	1589.1	1594.8
17.5°	1493.3	1486.4	1487.5	1499.0	1500.2
20°	1358.3	1354.8	1357.1	1359.4	1364.0
22.5°	1220.9	1218.6	1205.9	1209.4	1211.7
25°	1114.8	1102.1	1082.5	1083.6	1091.7
27.5°	1002.8	990.1	962.4	968.2	976.3
30°	859.7	849.3	829.7	833.2	843.6
32.5°	675.1	695.9	677.4	683.2	679.7
35°	514.7	511.2	519.3	508.9	513.5
37.5°	362.4	363.5	367.0	357.7	357.7
40°	225.0	230.8	234.3	229.6	228.5
42.5°	94.6	129.2	136.2	129.2	95.8
45°	12.7	38.1	76.2	45.0	15.0
47.5°	5.8	8.1	40.4	8.1	5.8
50°	5.8	5.8	16.2	5.8	5.8
52.5°	5.8	5.8	5.8	5.8	5.8
55°	5.8	5.8	5.8	5.8	5.8
57.5°	5.8	5.8	5.8	5.8	5.8
60°	4.6	4.6	4.6	4.6	4.6
62.5°	4.6	4.6	4.6	4.6	4.6
65°	3.5	4.6	4.6	4.6	3.5
67.5°	3.5	3.5	3.5	3.5	3.5
70°	3.5	3.5	3.5	3.5	3.5
72.5°	2.3	2.3	2.3	2.3	2.3
75°	2.3	2.3	2.3	2.3	2.3
77.5°	2.3	2.3	2.3	2.3	2.3
80°	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1313629
CATALOG NUMBER: P3SQAS17R609730DE010 E3SQCD1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)