

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: P1306147

Luminaire Tested: P3SQASS17R609024DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306147
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: P3SQASS17R609024DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

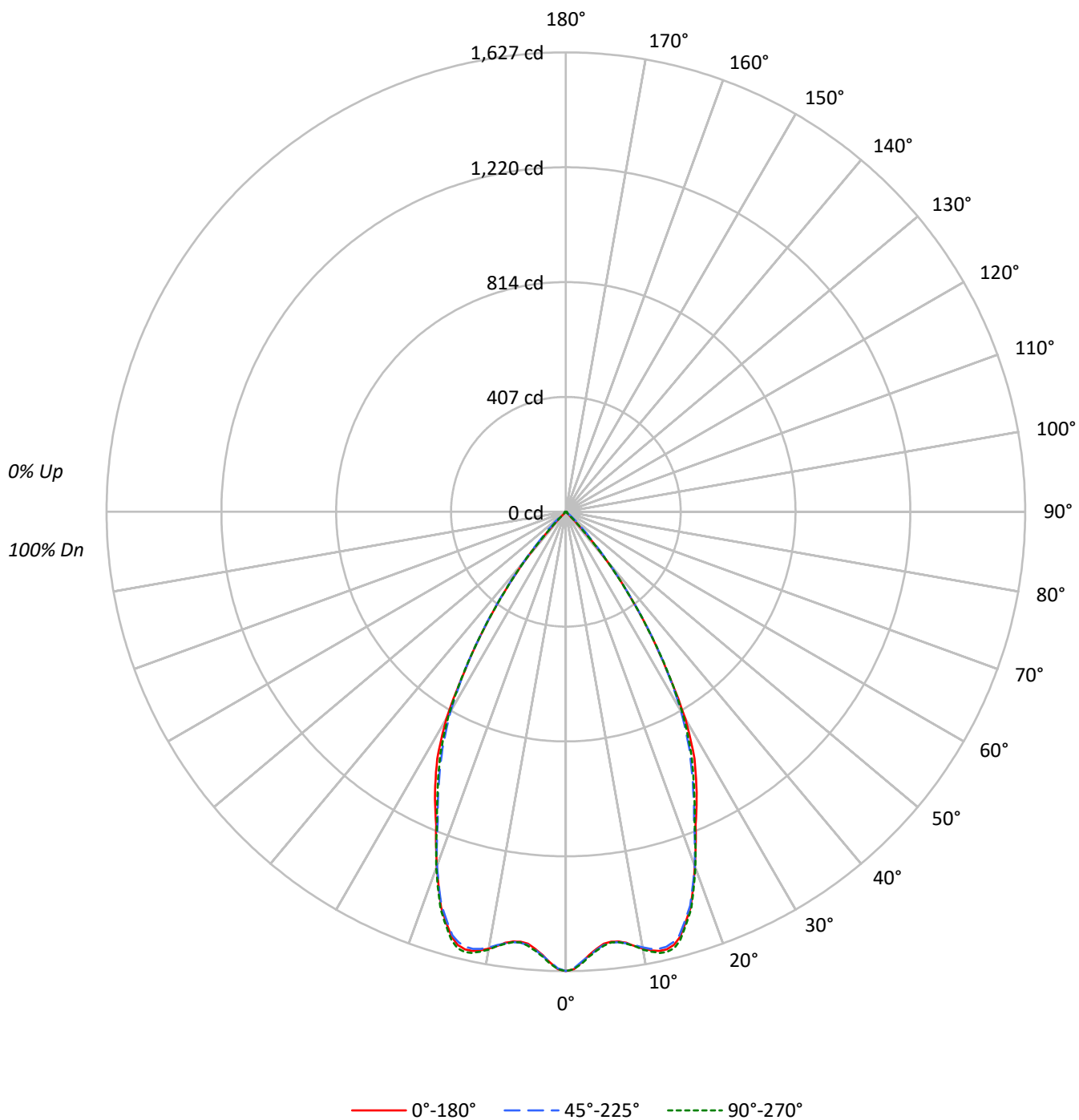
Lumens per Lamp: N/A
Luminaire Lumens: 1451.0 lumens
Efficiency: N/A
Efficacy: 68.4 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	280172	280172	280172
5°	265544	266322	266720
10°	274771	273966	275365
15°	278109	276897	279732
20°	244893	244673	245919
25°	208383	202340	204070
30°	168181	162314	165039
35°	106447	107414	106216
40°	49775	51821	50540
45°	3044	18243	3605
50°	1527	4260	1527
55°	1711	1711	1711
60°	1550	1550	1550
65°	1386	1834	1386
70°	1712	1712	1712
75°	1530	1530	1530
80°	1091	1091	1091
85°	2174	2174	2174

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 18243 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.2	10.2
10°-20°	427.0	29.4
20°-30°	492.2	33.9
30°-40°	316.1	21.8
40°-50°	55.0	3.8
50°-60°	5.2	0.4
60°-70°	4.0	0.3
70°-80°	2.4	0.2
80°-90°	0.7	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°	1067.5	73.6
0°-40°	1383.6	95.4
0°-60°	1443.8	99.5
0°-90°	1451.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1451.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1627	1627	1627	1627	1627	
5°	1536	1539	1540	1544	1543	148
15°	1560	1554	1553	1563	1569	427
25°	1097	1084	1065	1066	1074	500
35°	506	503	511	501	505	316
45°	12	38	75	44	15	41
55°	6	6	6	6	6	5
65°	3	4	4	4	3	4
75°	2	2	2	2	2	2
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°	1626.8	1626.8	1626.8	1626.8	1626.8
1°	1620.0	1618.8	1617.7	1618.8	1620.0
2°	1597.3	1596.1	1595.0	1599.5	1601.8
3°	1572.3	1573.4	1574.6	1576.8	1578.0
4°	1551.9	1554.1	1555.3	1557.5	1558.7
5°	1536.0	1539.4	1540.5	1543.9	1542.8
6°	1531.4	1533.7	1534.8	1536.0	1533.7
7°	1533.7	1534.8	1536.0	1538.2	1536.0
8°	1541.6	1542.8	1543.9	1545.0	1545.0
9°	1557.5	1555.3	1554.1	1558.7	1557.5
10°	1571.2	1567.7	1566.6	1573.4	1574.6
11°	1582.5	1578.0	1576.8	1584.8	1587.0
12°	1590.5	1583.6	1582.5	1592.7	1597.3
13°	1590.5	1581.4	1581.4	1592.7	1599.5
14°	1581.4	1571.2	1571.2	1583.6	1591.6
15°	1559.8	1554.1	1553.0	1563.2	1568.9
17.5°	1469.0	1462.2	1463.3	1474.7	1475.8
20°	1336.2	1332.8	1335.0	1337.3	1341.8
22.5°	1201.1	1198.8	1186.3	1189.7	1192.0
25°	1096.6	1084.1	1064.8	1066.0	1073.9
27.5°	986.5	974.0	946.8	952.5	960.4
30°	845.7	835.5	816.2	819.6	829.9
32.5°	664.1	684.5	666.4	672.1	668.6
35°	506.3	502.9	510.9	500.6	505.2
37.5°	356.5	357.6	361.0	351.9	351.9
40°	221.4	227.0	230.5	225.9	224.8
42.5°	93.1	127.1	134.0	127.1	94.2
45°	12.5	37.5	74.9	44.3	14.8
47.5°	5.7	7.9	39.7	7.9	5.7
50°	5.7	5.7	15.9	5.7	5.7
52.5°	5.7	5.7	5.7	5.7	5.7
55°	5.7	5.7	5.7	5.7	5.7
57.5°	5.7	5.7	5.7	5.7	5.7
60°	4.5	4.5	4.5	4.5	4.5
62.5°	4.5	4.5	4.5	4.5	4.5
65°	3.4	4.5	4.5	4.5	3.4
67.5°	3.4	3.4	3.4	3.4	3.4
70°	3.4	3.4	3.4	3.4	3.4
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°	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1
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)