

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: P1310316

Luminaire Tested: P3SQAS13R609040DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310316
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: P3SQAS13R609040DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

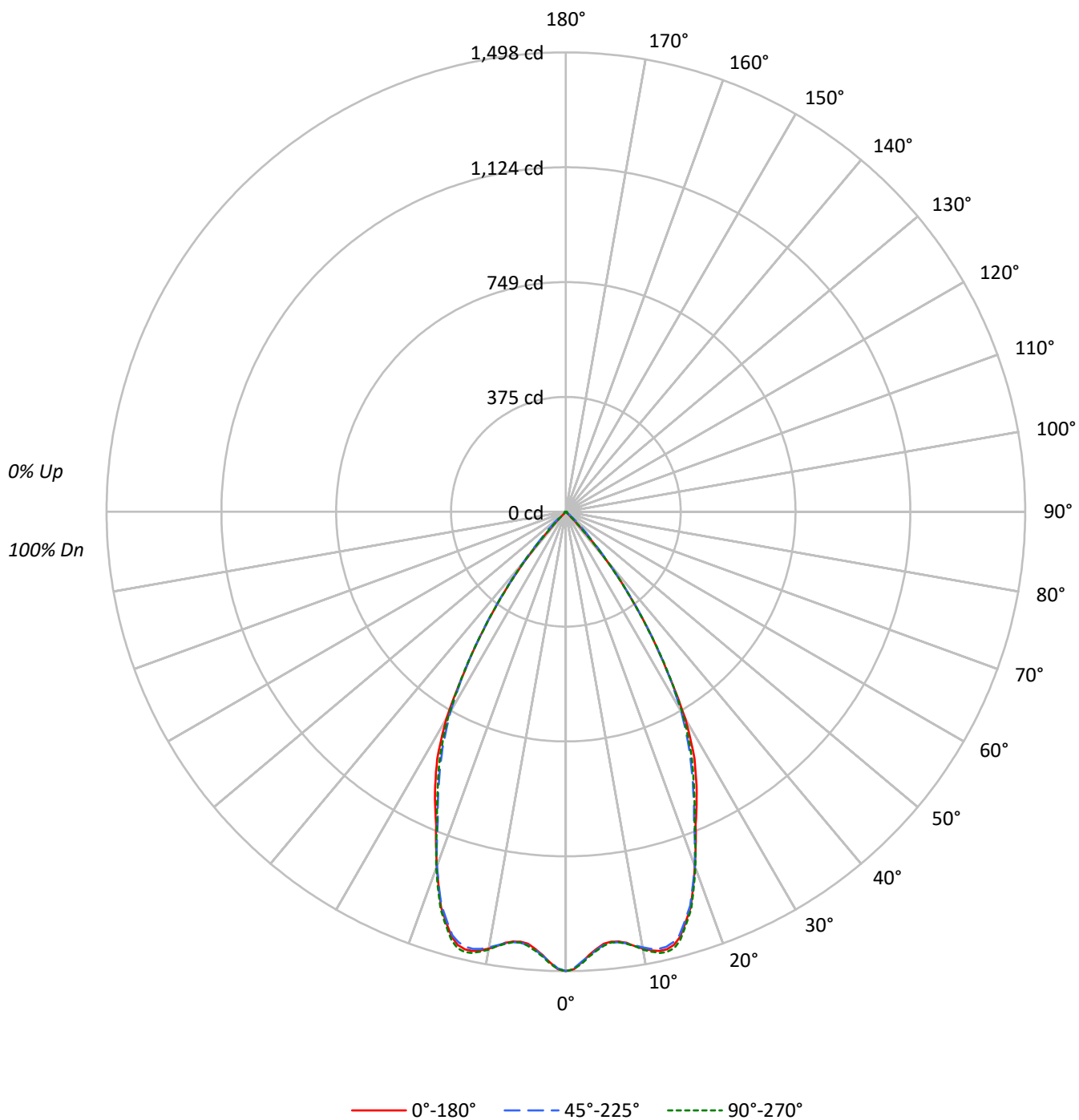
Lumens per Lamp: N/A
Luminaire Lumens: 1335.9 lumens
Efficiency: N/A
Efficacy: 91.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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°	257955	257955	257955
5°	244488	245214	245577
10°	252981	252246	253540
15°	256072	254948	257551
20°	225484	225282	226437
25°	191870	186302	187898
30°	154857	149447	151953
35°	98016	98899	97785
40°	45818	47707	46538
45°	2801	16806	3312
50°	1393	3912	1393
55°	1561	1561	1561
60°	1447	1447	1447
65°	1263	1712	1263
70°	1561	1561	1561
75°	1397	1397	1397
80°	992	992	992
85°	1976	1976	1976

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 16806 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.5	10.2
10°-20°	393.2	29.4
20°-30°	453.2	33.9
30°-40°	291.0	21.8
40°-50°	50.6	3.8
50°-60°	4.8	0.4
60°-70°	3.7	0.3
70°-80°	2.2	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°	982.9	73.6
0°-40°	1274.0	95.4
0°-60°	1329.4	99.5
0°-90°	1335.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1335.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1498	1498	1498	1498	1498	
5°	1414	1417	1418	1422	1420	136
15°	1436	1431	1430	1439	1444	394
25°	1010	998	980	982	989	460
35°	466	463	470	461	465	291
45°	12	34	69	41	14	38
55°	5	5	5	5	5	5
65°	3	4	4	4	3	3
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°	1497.8	1497.8	1497.8	1497.8	1497.8
1°	1491.6	1490.5	1489.5	1490.5	1491.6
2°	1470.7	1469.6	1468.6	1472.8	1474.9
3°	1447.7	1448.7	1449.8	1451.9	1452.9
4°	1428.9	1431.0	1432.0	1434.1	1435.1
5°	1414.2	1417.4	1418.4	1421.5	1420.5
6°	1410.0	1412.1	1413.2	1414.2	1412.1
7°	1412.1	1413.2	1414.2	1416.3	1414.2
8°	1419.5	1420.5	1421.5	1422.6	1422.6
9°	1434.1	1432.0	1431.0	1435.1	1434.1
10°	1446.6	1443.5	1442.4	1448.7	1449.8
11°	1457.1	1452.9	1451.9	1459.2	1461.3
12°	1464.4	1458.1	1457.1	1466.5	1470.7
13°	1464.4	1456.0	1456.0	1466.5	1472.8
14°	1456.0	1446.6	1446.6	1458.1	1465.4
15°	1436.2	1431.0	1429.9	1439.3	1444.5
17.5°	1352.6	1346.3	1347.3	1357.8	1358.8
20°	1230.3	1227.1	1229.2	1231.3	1235.5
22.5°	1105.9	1103.8	1092.3	1095.4	1097.5
25°	1009.7	998.2	980.4	981.5	988.8
27.5°	908.3	896.8	871.7	877.0	884.3
30°	778.7	769.3	751.5	754.7	764.1
32.5°	611.5	630.3	613.6	618.8	615.7
35°	466.2	463.0	470.4	461.0	465.1
37.5°	328.2	329.3	332.4	324.0	324.0
40°	203.8	209.1	212.2	208.0	207.0
42.5°	85.7	117.1	123.3	117.1	86.8
45°	11.5	34.5	69.0	40.8	13.6
47.5°	5.2	7.3	36.6	7.3	5.2
50°	5.2	5.2	14.6	5.2	5.2
52.5°	5.2	5.2	5.2	5.2	5.2
55°	5.2	5.2	5.2	5.2	5.2
57.5°	5.2	5.2	5.2	5.2	5.2
60°	4.2	4.2	4.2	4.2	4.2
62.5°	4.2	4.2	4.2	4.2	4.2
65°	3.1	4.2	4.2	4.2	3.1
67.5°	3.1	3.1	3.1	3.1	3.1
70°	3.1	3.1	3.1	3.1	3.1
72.5°	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1
80°	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0
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)