

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: P1313483

Luminaire Tested: P3SQAS13R609730DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313483
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: P3SQAS13R609730DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

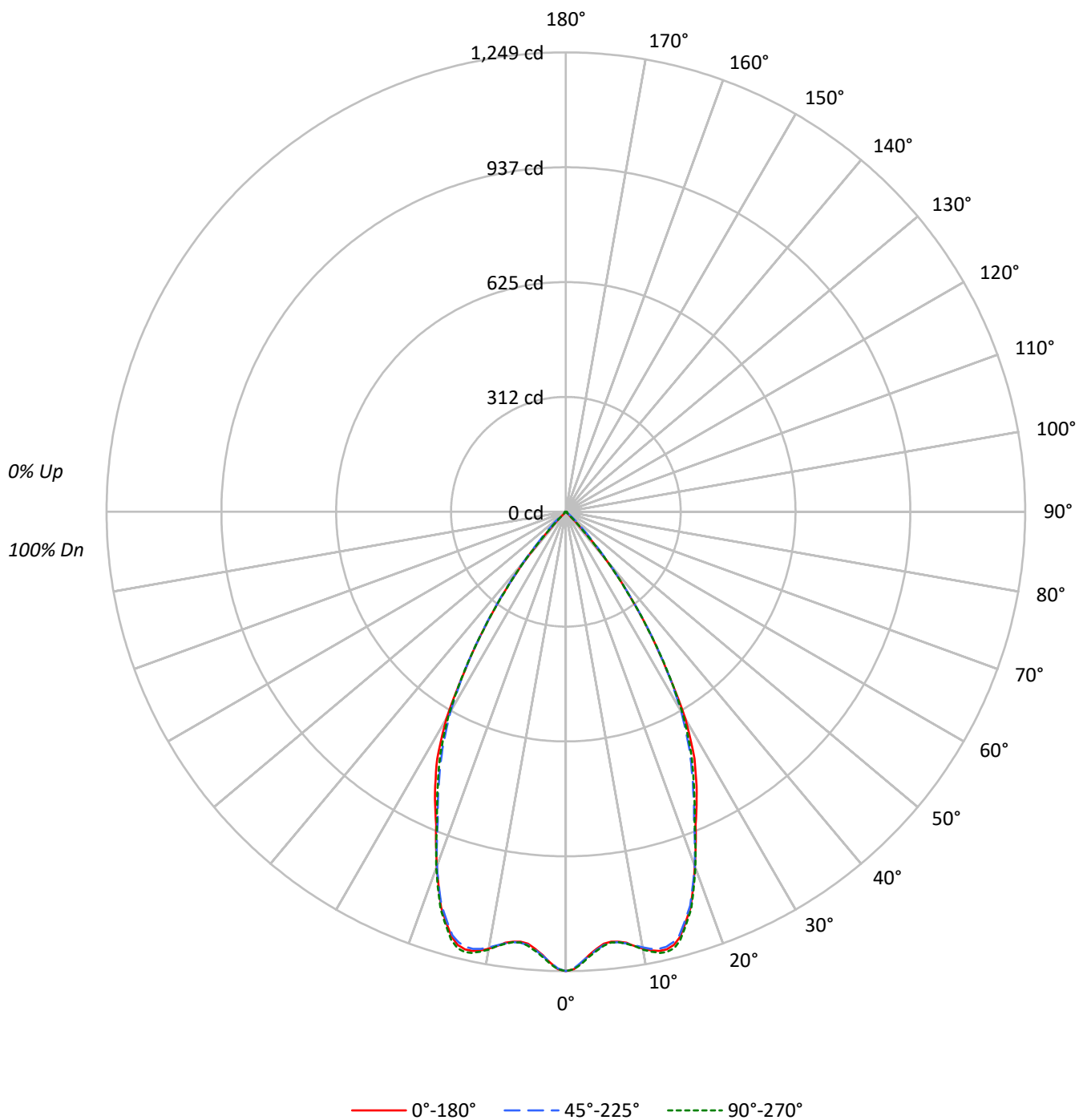
Lumens per Lamp: N/A
Luminaire Lumens: 1114.0 lumens
Efficiency: N/A
Efficacy: 76.3 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	215106	215106	215106
5°	203861	204466	204777
10°	210940	210345	211412
15°	213512	212585	214760
20°	188004	187857	188810
25°	159983	155347	156677
30°	129123	124629	126697
35°	81722	82458	81533
40°	38220	39771	38804
45°	2338	14005	2752
50°	1179	3269	1179
55°	1321	1321	1321
60°	1206	1206	1206
65°	1060	1426	1060
70°	1309	1309	1309
75°	1131	1131	1131
80°	893	893	893
85°	1778	1778	1778

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 14005 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.8	10.2
10°-20°	327.9	29.4
20°-30°	377.9	33.9
30°-40°	242.7	21.8
40°-50°	42.2	3.8
50°-60°	4.1	0.4
60°-70°	3.1	0.3
70°-80°	1.8	0.2
80°-90°	0.6	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°	819.6	73.6
0°-40°	1062.3	95.4
0°-60°	1108.5	99.5
0°-90°	1114.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1114.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1249	1249	1249	1249	1249	
5°	1179	1182	1183	1185	1184	114
15°	1198	1193	1192	1200	1204	328
25°	842	832	818	818	824	384
35°	389	386	392	384	388	243
45°	10	29	58	34	11	32
55°	4	4	4	4	4	4
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°	1249.0	1249.0	1249.0	1249.0	1249.0
1°	1243.7	1242.9	1242.0	1242.9	1243.7
2°	1226.3	1225.4	1224.5	1228.0	1229.8
3°	1207.1	1208.0	1208.9	1210.6	1211.5
4°	1191.4	1193.2	1194.0	1195.8	1196.7
5°	1179.2	1181.8	1182.7	1185.3	1184.5
6°	1175.7	1177.5	1178.4	1179.2	1177.5
7°	1177.5	1178.4	1179.2	1181.0	1179.2
8°	1183.6	1184.5	1185.3	1186.2	1186.2
9°	1195.8	1194.0	1193.2	1196.7	1195.8
10°	1206.2	1203.6	1202.8	1208.0	1208.9
11°	1215.0	1211.5	1210.6	1216.7	1218.4
12°	1221.1	1215.8	1215.0	1222.8	1226.3
13°	1221.1	1214.1	1214.1	1222.8	1228.0
14°	1214.1	1206.2	1206.2	1215.8	1221.9
15°	1197.5	1193.2	1192.3	1200.1	1204.5
17.5°	1127.8	1122.6	1123.4	1132.2	1133.0
20°	1025.8	1023.2	1025.0	1026.7	1030.2
22.5°	922.1	920.4	910.8	913.4	915.1
25°	841.9	832.3	817.5	818.4	824.5
27.5°	757.4	747.8	726.9	731.2	737.3
30°	649.3	641.5	626.7	629.3	637.1
32.5°	509.9	525.6	511.6	516.0	513.4
35°	388.7	386.1	392.2	384.4	387.8
37.5°	273.7	274.5	277.2	270.2	270.2
40°	170.0	174.3	176.9	173.4	172.6
42.5°	71.5	97.6	102.8	97.6	72.3
45°	9.6	28.8	57.5	34.0	11.3
47.5°	4.4	6.1	30.5	6.1	4.4
50°	4.4	4.4	12.2	4.4	4.4
52.5°	4.4	4.4	4.4	4.4	4.4
55°	4.4	4.4	4.4	4.4	4.4
57.5°	4.4	4.4	4.4	4.4	4.4
60°	3.5	3.5	3.5	3.5	3.5
62.5°	3.5	3.5	3.5	3.5	3.5
65°	2.6	3.5	3.5	3.5	2.6
67.5°	2.6	2.6	2.6	2.6	2.6
70°	2.6	2.6	2.6	2.6	2.6
72.5°	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7
80°	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9
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)