

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: P1315427

Luminaire Tested: P3SQAS13R609740DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315427
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: P3SQAS13R609740DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

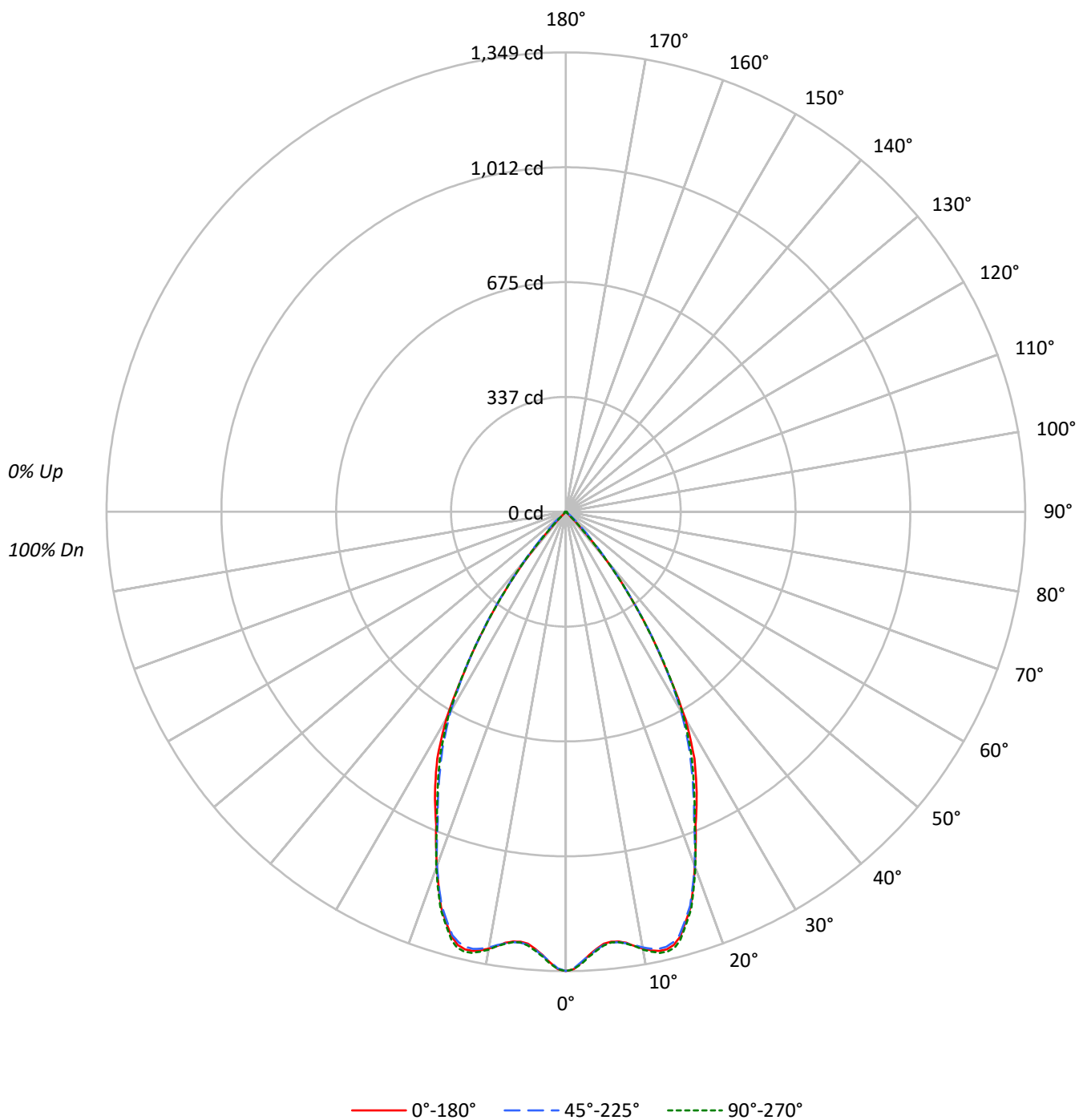
Lumens per Lamp: N/A
Luminaire Lumens: 1203.0 lumens
Efficiency: N/A
Efficacy: 82.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	232277	232277	232277
5°	220146	220803	221131
10°	227798	227151	228288
15°	230575	229577	231912
20°	203033	202849	203894
25°	172772	167756	169200
30°	139445	134572	136820
35°	88261	89039	88051
40°	41255	42963	41907
45°	2533	15125	2971
50°	1259	3537	1259
55°	1411	1411	1411
60°	1309	1309	1309
65°	1141	1549	1141
70°	1410	1410	1410
75°	1264	1264	1264
80°	893	893	893
85°	1778	1778	1778

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 15125 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.9	10.2
10°-20°	354.1	29.4
20°-30°	408.1	33.9
30°-40°	262.1	21.8
40°-50°	45.6	3.8
50°-60°	4.3	0.4
60°-70°	3.3	0.3
70°-80°	2.0	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°	885.1	73.6
0°-40°	1147.1	95.4
0°-60°	1197.1	99.5
0°-90°	1203.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1203.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1349	1349	1349	1349	1349	
5°	1273	1276	1277	1280	1279	123
15°	1293	1288	1288	1296	1301	354
25°	909	899	883	884	890	415
35°	420	417	424	415	419	262
45°	10	31	62	37	12	34
55°	5	5	5	5	5	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°	1348.7	1348.7	1348.7	1348.7	1348.7
1°	1343.1	1342.1	1341.2	1342.1	1343.1
2°	1324.3	1323.3	1322.4	1326.1	1328.0
3°	1303.6	1304.5	1305.4	1307.3	1308.3
4°	1286.6	1288.5	1289.4	1291.3	1292.3
5°	1273.4	1276.3	1277.2	1280.0	1279.1
6°	1269.7	1271.6	1272.5	1273.4	1271.6
7°	1271.6	1272.5	1273.4	1275.3	1273.4
8°	1278.1	1279.1	1280.0	1281.0	1281.0
9°	1291.3	1289.4	1288.5	1292.3	1291.3
10°	1302.6	1299.8	1298.9	1304.5	1305.4
11°	1312.0	1308.3	1307.3	1313.9	1315.8
12°	1318.6	1313.0	1312.0	1320.5	1324.3
13°	1318.6	1311.1	1311.1	1320.5	1326.1
14°	1311.1	1302.6	1302.6	1313.0	1319.6
15°	1293.2	1288.5	1287.6	1296.0	1300.7
17.5°	1217.9	1212.3	1213.2	1222.6	1223.6
20°	1107.8	1105.0	1106.8	1108.7	1112.5
22.5°	995.8	993.9	983.6	986.4	988.3
25°	909.2	898.8	882.8	883.8	890.4
27.5°	817.9	807.5	785.0	789.7	796.3
30°	701.2	692.7	676.7	679.5	688.0
32.5°	550.6	567.5	552.5	557.2	554.4
35°	419.8	417.0	423.5	415.1	418.8
37.5°	295.5	296.5	299.3	291.8	291.8
40°	183.5	188.2	191.1	187.3	186.4
42.5°	77.2	105.4	111.1	105.4	78.1
45°	10.4	31.1	62.1	36.7	12.2
47.5°	4.7	6.6	32.9	6.6	4.7
50°	4.7	4.7	13.2	4.7	4.7
52.5°	4.7	4.7	4.7	4.7	4.7
55°	4.7	4.7	4.7	4.7	4.7
57.5°	4.7	4.7	4.7	4.7	4.7
60°	3.8	3.8	3.8	3.8	3.8
62.5°	3.8	3.8	3.8	3.8	3.8
65°	2.8	3.8	3.8	3.8	2.8
67.5°	2.8	2.8	2.8	2.8	2.8
70°	2.8	2.8	2.8	2.8	2.8
72.5°	1.9	1.9	1.9	1.9	1.9
75°	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9
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)