

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: P1312509

Luminaire Tested: P3SQAS13R609727DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312509
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R609727DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

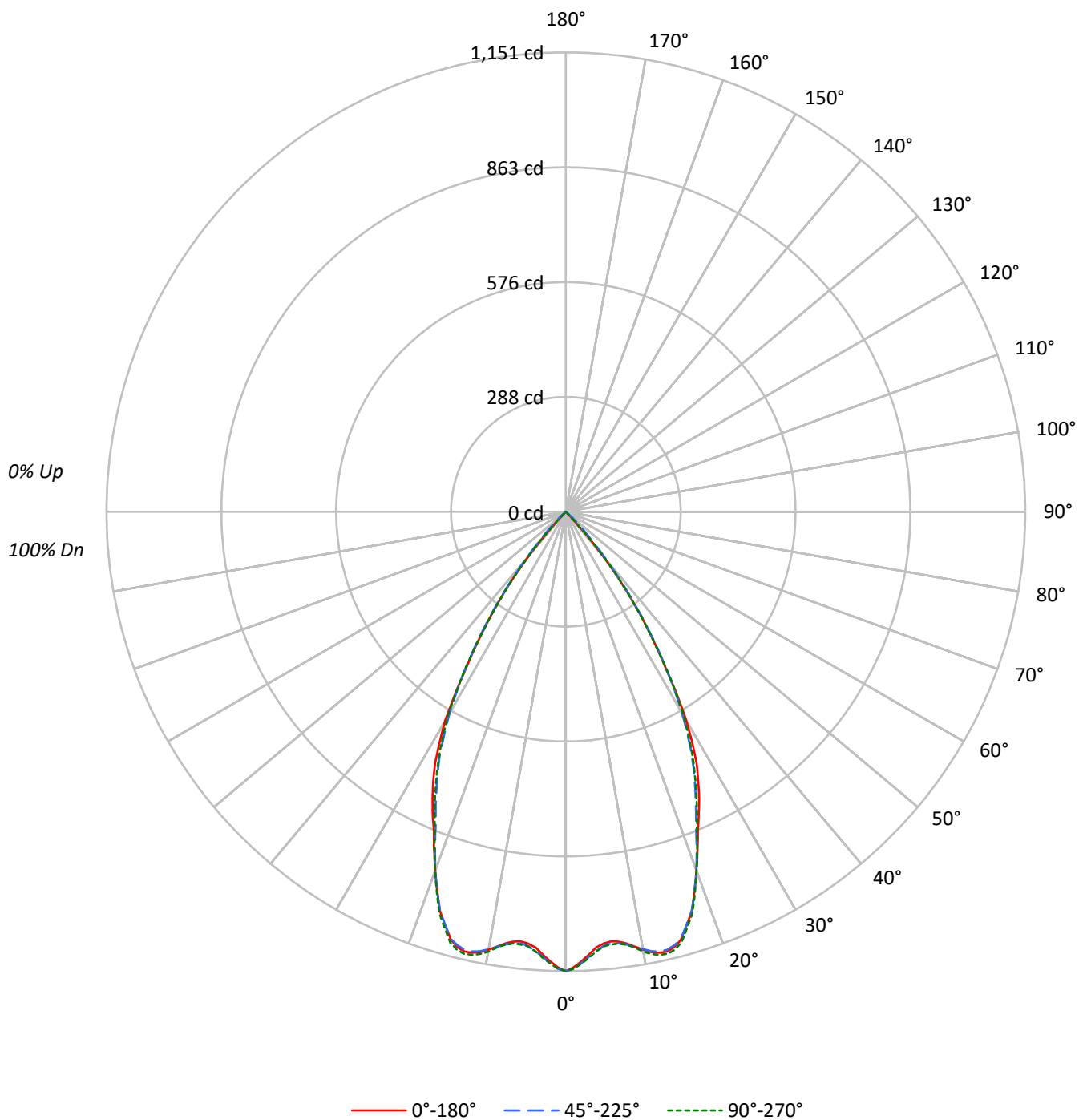
Lumens per Lamp: N/A
Luminaire Lumens: 1020.0 lumens
Efficiency: N/A
Efficacy: 69.9 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98	97	96	94
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	198228	198228	198228
5°	187731	188716	188993
10°	194886	194606	195743
15°	198107	197822	199266
20°	175321	175321	175615
25°	150235	145769	147005
30°	120194	115819	117609
35°	74574	76109	74385
40°	32734	36016	33656
45°	390	11691	999
50°	0	1313	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 11691 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.1	10.3
10°-20°	304.7	29.9
20°-30°	353.8	34.7
30°-40°	222.8	21.8
40°-50°	33.4	3.3
50°-60°	0.2	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	763.6	74.9
0°-40°	986.4	96.7
0°-60°	1020.0	100.0
0°-90°	1020.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1020.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1151	1151	1151	1151	1151	
5°	1086	1090	1092	1094	1093	105
15°	1111	1107	1110	1117	1118	305
25°	791	782	767	770	774	359
35°	355	356	362	355	354	221
45°	2	16	48	20	4	22
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1151.0	1151.0	1151.0	1151.0	1151.0
1°	1142.0	1145.3	1145.3	1146.1	1145.3
2°	1126.6	1131.5	1131.5	1133.9	1132.3
3°	1111.1	1115.2	1116.0	1119.3	1118.5
4°	1094.1	1100.6	1103.0	1104.6	1103.8
5°	1085.9	1090.0	1091.6	1094.1	1093.2
6°	1082.7	1085.9	1087.5	1090.0	1090.0
7°	1085.1	1087.5	1090.0	1091.6	1090.0
8°	1092.4	1094.9	1094.9	1098.1	1095.7
9°	1103.0	1103.8	1103.8	1107.9	1105.4
10°	1114.4	1112.8	1112.8	1118.5	1119.3
11°	1124.2	1122.5	1121.7	1127.4	1129.0
12°	1129.8	1126.6	1126.6	1133.9	1134.7
13°	1130.7	1126.6	1126.6	1133.9	1136.4
14°	1124.2	1119.3	1120.1	1128.2	1130.7
15°	1111.1	1107.1	1109.5	1116.8	1117.6
17.5°	1049.3	1046.9	1048.5	1053.4	1054.2
20°	956.6	955.0	956.6	956.6	958.2
22.5°	864.7	860.6	852.5	857.3	858.2
25°	790.6	781.7	767.1	770.3	773.6
27.5°	709.3	697.9	682.5	686.5	687.3
30°	604.4	598.7	582.4	586.5	591.4
32.5°	466.9	482.4	472.6	471.8	472.6
35°	354.7	355.5	362.0	354.7	353.8
37.5°	248.1	248.9	253.8	245.7	246.5
40°	145.6	156.2	160.2	157.0	149.7
42.5°	45.6	80.5	91.1	78.9	50.4
45°	1.6	15.5	48.0	20.3	4.1
47.5°	0.0	0.8	22.8	1.6	0.0
50°	0.0	0.0	4.9	0.0	0.0
52.5°	0.0	0.0	0.8	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
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)