

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: P1315967

Luminaire Tested: P3SQAS05R359827DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315967
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R359827DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

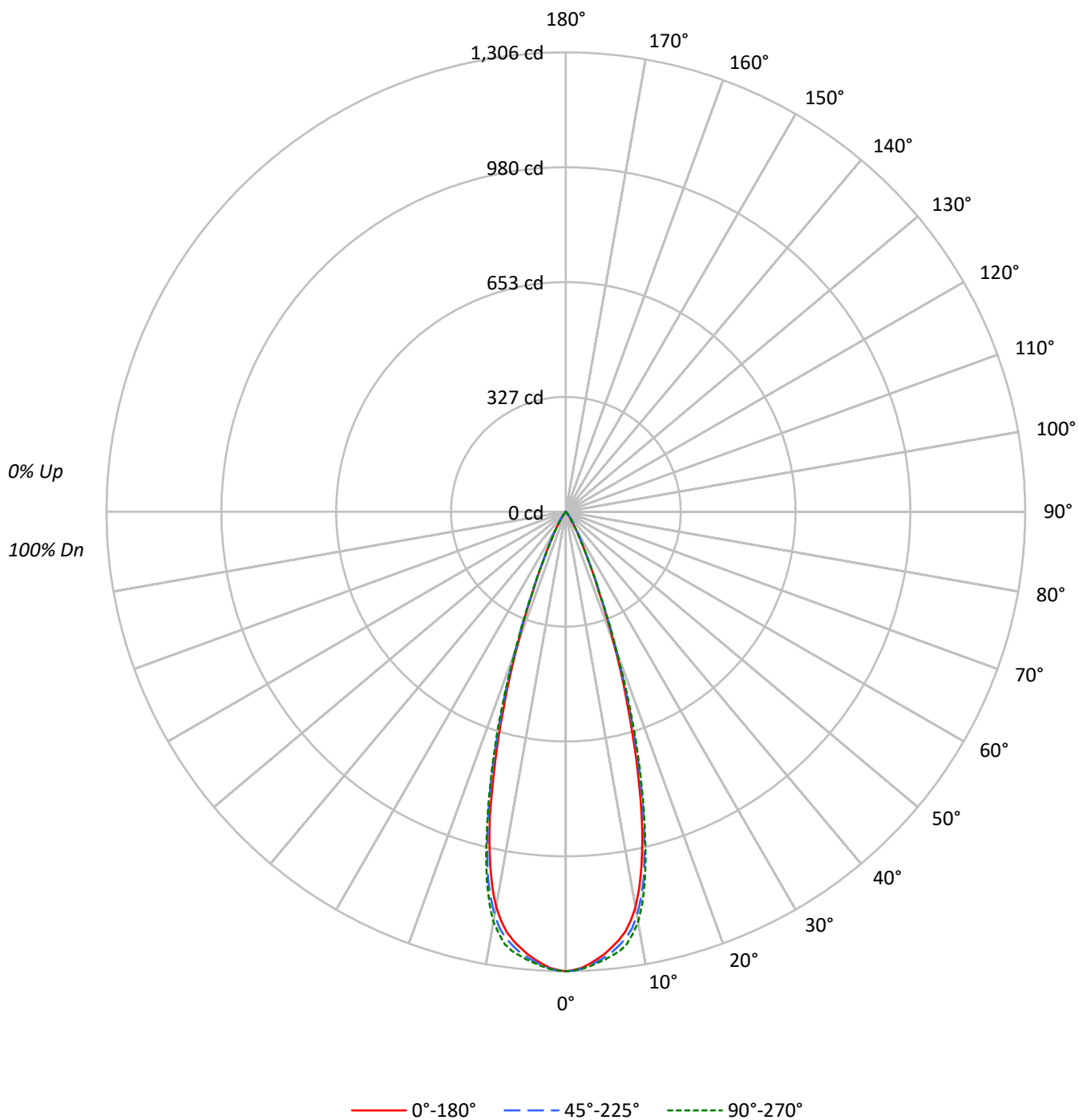
Lumens per Lamp: N/A
Luminaire Lumens: 435.0 lumens
Efficiency: N/A
Efficacy: 60.4 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	115	113	111	109	113	111	109	107	107	105	104		103	102	101		100
2	111	107	104	102	109	106	103	100	102	100	98		100	98	96		97
3	107	102	99	96	105	101	98	95	99	96	94		96	94	92		94
4	104	98	94	91	102	97	93	90	95	92	89		93	91	88		92
5	100	94	90	87	99	93	90	87	92	88	86		90	87	85		89
6	97	91	86	83	96	90	86	83	89	85	83		88	84	82		86
7	94	88	83	80	93	87	83	80	86	82	80		85	82	79		84
8	91	85	80	77	91	84	80	77	83	80	77		82	79	77		81
9	89	82	78	75	88	81	77	75	81	77	74		80	77	74		79
10	86	79	75	72	85	79	75	72	78	75	72		78	74	72		77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	225009	225009	225009
5°	218175	219731	220924
10°	199380	203595	207092
15°	143387	149646	150876
20°	72999	76664	76847
25°	27687	28276	27497
30°	10759	12469	10480
35°	3700	5803	3469
40°	1237	2248	1169
45°	73	755	73
50°	0	80	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: 755 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.3	27.2
10°-20°	220.3	50.7
20°-30°	79.2	18.2
30°-40°	15.5	3.6
40°-50°	1.7	0.4
50°-60°	0.0	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°	417.8	96.1
0°-40°	433.3	99.6
0°-60°	435.0	100.0
0°-90°	435.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	435.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1306	1306	1306	1306	1306	
5°	1262	1266	1271	1277	1278	117
15°	804	818	839	845	846	214
25°	146	147	149	148	145	76
35°	18	20	28	20	16	13
45°	0	1	3	1	0	1
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°	1306.5	1306.5	1306.5	1306.5	1306.5
1°	1302.7	1304.4	1304.8	1307.2	1304.4
2°	1297.2	1298.2	1299.6	1301.7	1300.3
3°	1286.5	1288.6	1291.7	1294.4	1294.4
4°	1275.1	1277.9	1281.7	1286.5	1286.2
5°	1262.0	1265.5	1271.0	1276.9	1277.9
6°	1245.5	1249.6	1258.6	1266.9	1268.2
7°	1227.9	1234.1	1242.8	1254.8	1257.9
8°	1207.3	1212.1	1224.5	1238.6	1242.1
9°	1176.9	1184.2	1200.0	1213.1	1215.2
10°	1140.1	1145.2	1164.2	1178.0	1184.2
11°	1092.5	1100.1	1118.7	1132.8	1137.0
12°	1031.9	1042.9	1064.6	1075.0	1078.4
13°	966.4	975.7	992.6	1005.4	1008.1
14°	892.7	901.7	919.2	929.6	927.2
15°	804.2	817.6	839.3	845.2	846.2
17.5°	594.0	602.6	621.9	631.2	637.7
20°	398.3	406.6	418.3	424.5	419.3
22.5°	242.2	249.1	255.3	255.0	253.2
25°	145.7	147.1	148.8	147.8	144.7
27.5°	85.1	88.9	94.1	90.6	85.4
30°	54.1	57.2	62.7	56.8	52.7
32.5°	28.6	36.2	42.0	34.1	30.0
35°	17.6	20.0	27.6	20.3	16.5
37.5°	10.7	12.4	17.2	12.1	9.6
40°	5.5	7.9	10.0	7.2	5.2
42.5°	1.7	3.8	5.5	3.4	1.7
45°	0.3	1.0	3.1	1.0	0.3
47.5°	0.0	0.0	1.4	0.3	0.0
50°	0.0	0.0	0.3	0.0	0.0
52.5°	0.0	0.0	0.0	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)