

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: P1313697

Luminaire Tested: P3SQAS20R259730D010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313697
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS20R259730D010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

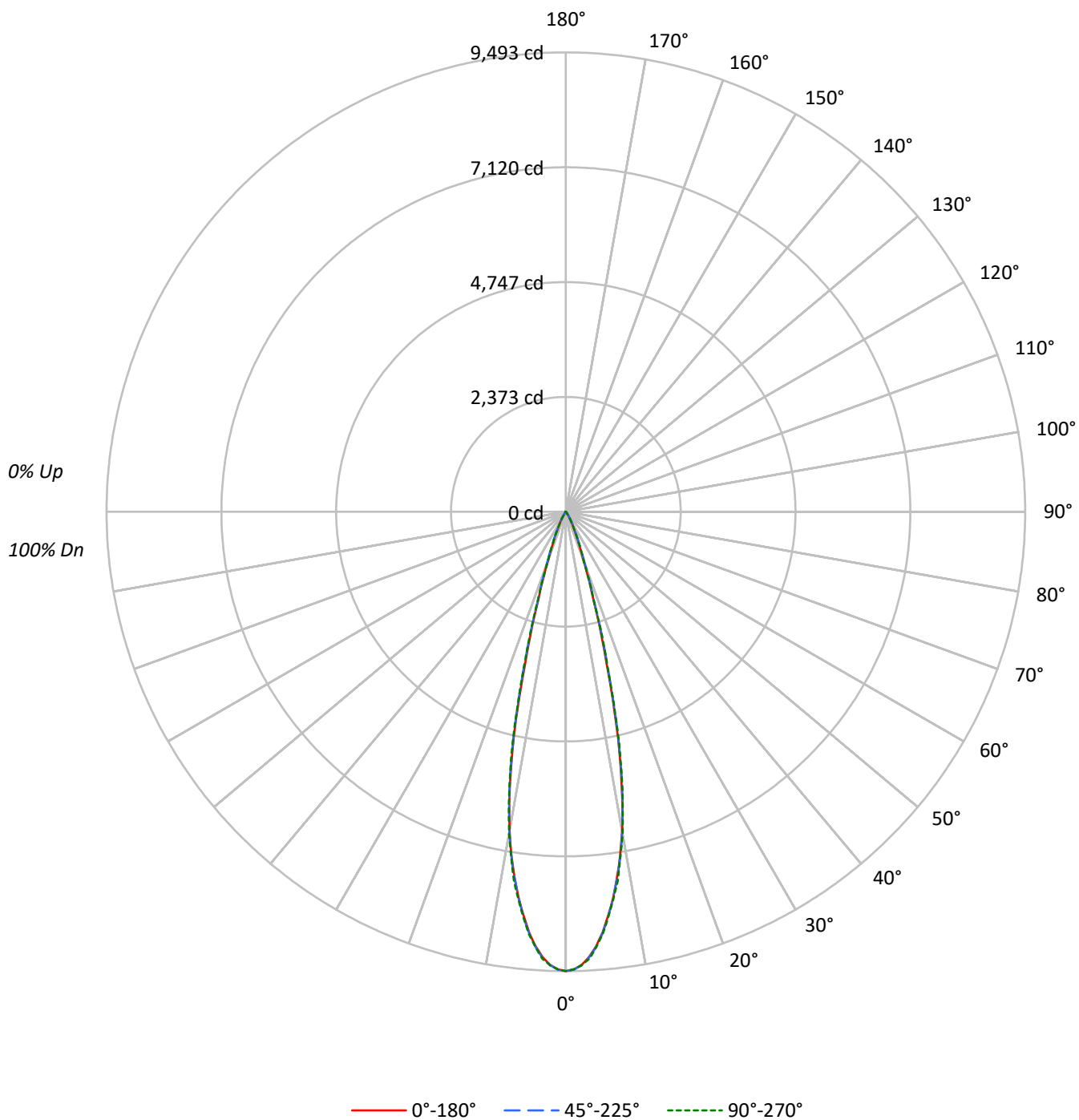
Lumens per Lamp: N/A
Luminaire Lumens: 1976.0 lumens
Efficiency: N/A
Efficacy: 68.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	110	113	111	110	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1634910	1634910	1634910
5°	1507501	1510906	1514053
10°	1170468	1174718	1181083
15°	578434	602754	603022
20°	194767	207816	198652
25°	80666	89598	82966
30°	31659	39793	31958
35°	8284	16252	8599
40°	3058	6475	3058
45°	365	1851	365
50°	0	402	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: 1851 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	769.2	38.9
10°-20°	930.4	47.1
20°-30°	227.2	11.5
30°-40°	44.1	2.2
40°-50°	5.0	0.3
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°	1926.8	97.5
0°-40°	1970.9	99.7
0°-60°	1976.0	100.0
0°-90°	1976.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1976.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	9493	9493	9493	9493	9493	
5°	8720	8732	8740	8778	8758	767
15°	3244	3322	3381	3414	3382	914
25°	424	447	472	452	437	216
35°	39	56	77	56	41	35
45°	2	4	8	4	2	3
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°	9493.0	9493.0	9493.0	9493.0	9493.0
1°	9456.6	9462.7	9464.2	9473.3	9455.1
2°	9370.2	9371.7	9376.3	9394.5	9377.8
3°	9211.1	9221.7	9223.2	9247.4	9252.0
4°	8994.3	9000.3	9012.5	9053.4	9017.0
5°	8719.9	8732.0	8739.6	8777.5	8757.8
6°	8380.3	8383.3	8400.0	8444.0	8416.7
7°	8034.7	8033.1	8034.7	8069.5	8061.9
8°	7617.8	7610.2	7634.4	7676.9	7705.7
9°	7182.7	7193.3	7208.5	7249.4	7216.0
10°	6693.0	6721.8	6717.3	6720.3	6753.7
11°	6129.1	6138.2	6139.7	6171.5	6167.0
12°	5466.6	5466.6	5516.6	5568.2	5551.5
13°	4798.1	4845.1	4811.7	4822.3	4889.0
14°	4018.8	4055.2	4100.7	4143.2	4109.8
15°	3244.2	3321.5	3380.6	3414.0	3382.1
17.5°	1858.6	1884.4	1934.4	1940.4	1920.7
20°	1062.7	1094.5	1133.9	1121.8	1083.9
22.5°	668.5	677.6	717.1	697.3	688.3
25°	424.5	447.2	471.5	451.8	436.6
27.5°	263.8	278.9	304.7	283.5	266.8
30°	159.2	172.8	200.1	171.3	160.7
32.5°	83.4	103.1	125.8	104.6	83.4
35°	39.4	56.1	77.3	56.1	40.9
37.5°	24.3	30.3	47.0	30.3	24.3
40°	13.6	19.7	28.8	19.7	13.6
42.5°	6.1	10.6	13.6	10.6	7.6
45°	1.5	4.5	7.6	4.5	1.5
47.5°	0.0	0.0	4.5	1.5	0.0
50°	0.0	0.0	1.5	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)