

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: P1318304

Luminaire Tested: P3SQAS20R359835D010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318304
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: P3SQAS20R359835D010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

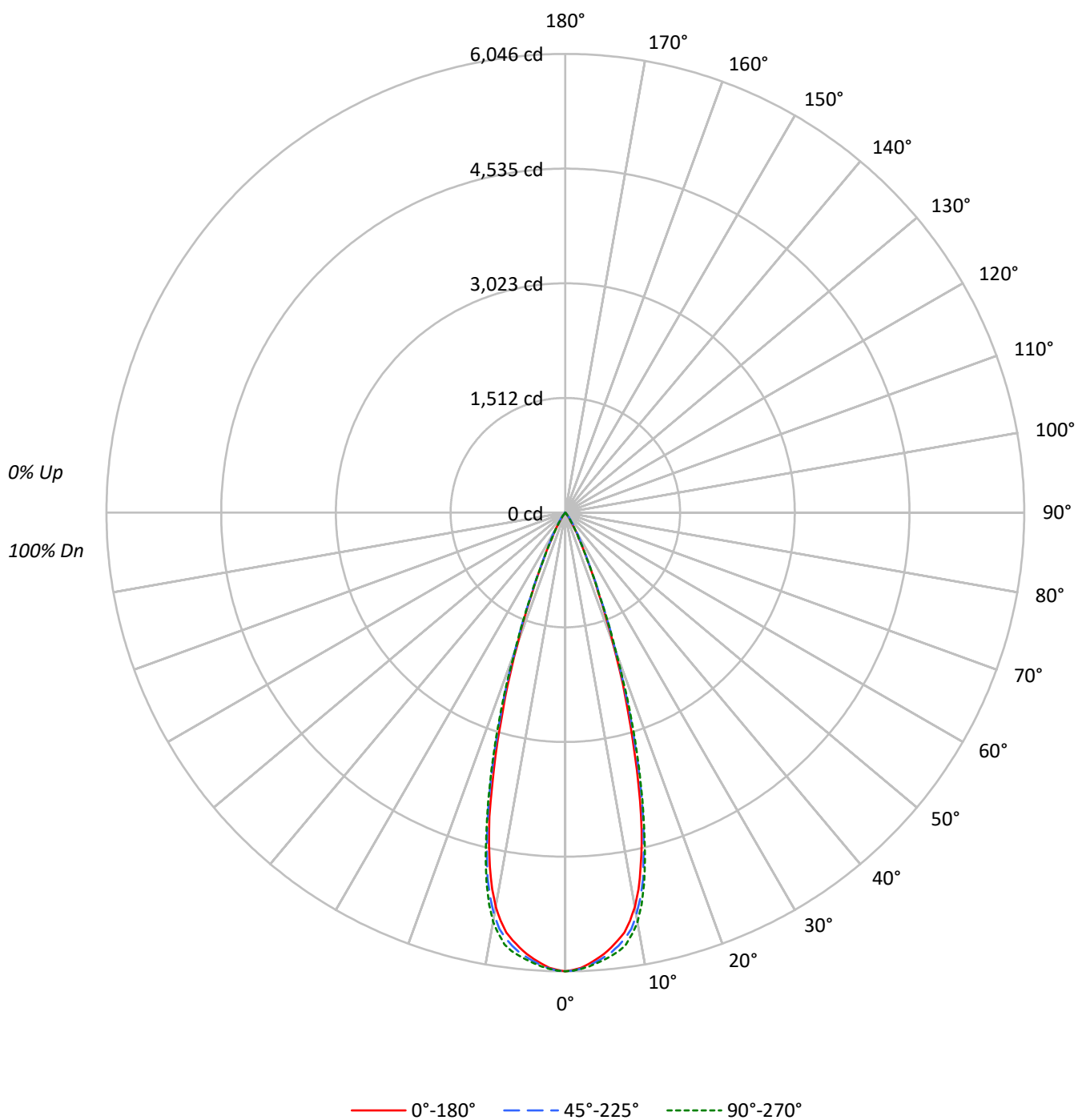
Lumens per Lamp: N/A
Luminaire Lumens: 2013.0 lumens
Efficiency: N/A
Efficacy: 73.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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°	1041241	1041241	1041241
5°	1009657	1016831	1022346
10°	922629	942146	958322
15°	663500	692492	698179
20°	337795	354748	355628
25°	128154	130890	127242
30°	49776	57711	48503
35°	17093	26827	16084
40°	5733	10387	5373
45°	390	3483	390
50°	0	429	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: 3483 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	547.3	27.2
10°-20°	1019.7	50.7
20°-30°	366.5	18.2
30°-40°	71.5	3.6
40°-50°	8.0	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°	1933.5	96.0
0°-40°	2005.0	99.6
0°-60°	2013.0	100.0
0°-90°	2013.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2013.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6046	6046	6046	6046	6046	
5°	5840	5856	5882	5909	5914	541
15°	3721	3784	3884	3911	3916	989
25°	674	681	689	684	670	354
35°	81	92	128	94	76	60
45°	2	5	14	5	2	4
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°	6045.9	6045.9	6045.9	6045.9	6045.9
1°	6028.4	6036.3	6037.9	6049.1	6036.3
2°	6002.9	6007.6	6014.0	6023.6	6017.2
3°	5953.4	5963.0	5977.3	5990.1	5990.1
4°	5900.8	5913.6	5931.1	5953.4	5951.8
5°	5840.2	5856.2	5881.7	5908.8	5913.6
6°	5763.7	5782.8	5824.3	5862.6	5868.9
7°	5682.4	5711.1	5750.9	5806.7	5821.1
8°	5586.7	5609.0	5666.4	5731.8	5747.8
9°	5446.4	5479.9	5553.2	5613.8	5623.4
10°	5275.8	5299.7	5387.4	5451.2	5479.9
11°	5055.8	5090.9	5177.0	5242.3	5261.5
12°	4775.2	4826.2	4926.6	4974.5	4990.4
13°	4472.2	4515.3	4593.4	4652.4	4665.2
14°	4131.0	4172.5	4253.8	4301.6	4290.5
15°	3721.3	3783.5	3883.9	3911.0	3915.8
17.5°	2748.7	2788.6	2877.9	2920.9	2951.2
20°	1843.1	1881.4	1935.6	1964.3	1940.4
22.5°	1120.9	1152.7	1181.4	1179.8	1171.9
25°	674.4	680.8	688.8	684.0	669.6
27.5°	393.8	411.4	435.3	419.3	395.4
30°	250.3	264.7	290.2	263.1	243.9
32.5°	132.3	167.4	194.5	157.8	138.7
35°	81.3	92.5	127.6	94.1	76.5
37.5°	49.4	57.4	79.7	55.8	44.6
40°	25.5	36.7	46.2	33.5	23.9
42.5°	8.0	17.5	25.5	15.9	8.0
45°	1.6	4.8	14.3	4.8	1.6
47.5°	0.0	0.0	6.4	1.6	0.0
50°	0.0	0.0	1.6	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)