

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: P1317977

Luminaire Tested: P3SQAS13R259835DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317977
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: P3SQAS13R259835DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

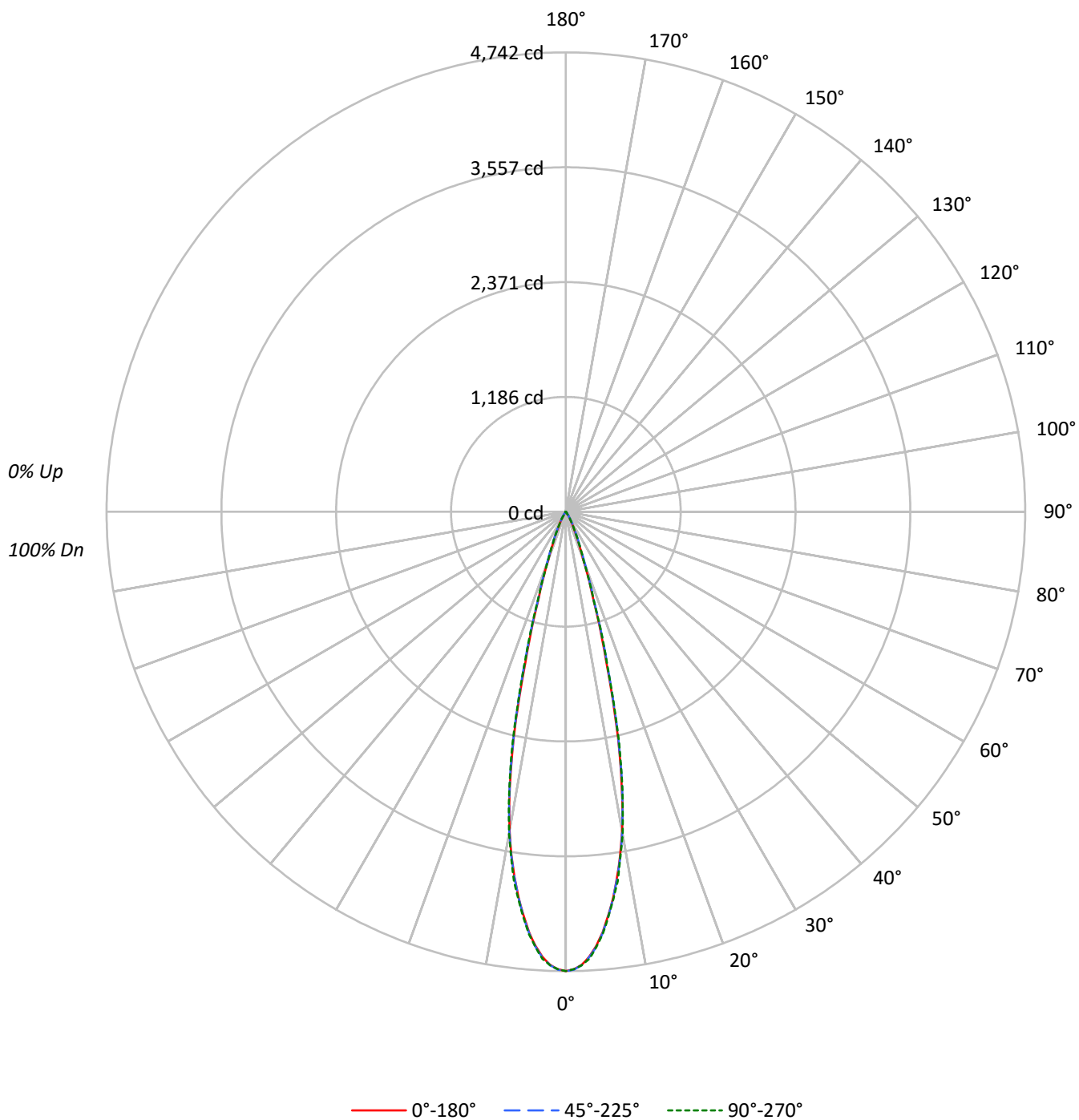
Lumens per Lamp: N/A
Luminaire Lumens: 987.0 lumens
Efficiency: N/A
Efficacy: 68.1 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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

TEST NUMBER: P1317977

CATALOG NUMBER: P3SQAS13R259835DE010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1317977

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	96	96
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	86	86
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	83	83
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	81	81
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	79	79
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	77	77
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	76	75	75

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	816628	816628	816628
5°	752981	754693	756266
10°	584639	586756	589938
15°	288914	301074	301217
20°	97283	103807	99225
25°	40286	44751	41445
30°	15810	19887	15969
35°	4142	8115	4289
40°	1529	3237	1529
45°	195	926	195
50°	0	214	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: 926 cd/sqm

TEST NUMBER: P1317977

CATALOG NUMBER: P3SQAS13R259835DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	384.2	38.9
10°-20°	464.7	47.1
20°-30°	113.5	11.5
30°-40°	22.0	2.2
40°-50°	2.5	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°	962.4	97.5
0°-40°	984.5	99.7
0°-60°	987.0	100.0
0°-90°	987.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	987.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4742	4742	4742	4742	4742	
5°	4356	4362	4365	4384	4374	383
15°	1620	1659	1689	1705	1689	456
25°	212	223	236	226	218	108
35°	20	28	39	28	20	17
45°	1	2	4	2	1	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	

TEST NUMBER: P1317977

CATALOG NUMBER: P3SQAS13R259835DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4741.7	4741.7	4741.7	4741.7	4741.7
1°	4723.5	4726.6	4727.3	4731.9	4722.8
2°	4680.4	4681.1	4683.4	4692.5	4684.2
3°	4600.9	4606.2	4606.9	4619.0	4621.3
4°	4492.6	4495.6	4501.7	4522.1	4503.9
5°	4355.5	4361.6	4365.4	4384.3	4374.5
6°	4185.9	4187.4	4195.8	4217.7	4204.1
7°	4013.3	4012.5	4013.3	4030.7	4026.9
8°	3805.0	3801.2	3813.4	3834.6	3848.9
9°	3587.7	3593.0	3600.6	3621.0	3604.4
10°	3343.1	3357.5	3355.2	3356.8	3373.4
11°	3061.4	3066.0	3066.7	3082.6	3080.4
12°	2730.5	2730.5	2755.5	2781.3	2772.9
13°	2396.6	2420.1	2403.4	2408.7	2442.0
14°	2007.4	2025.6	2048.3	2069.5	2052.8
15°	1620.4	1659.1	1688.6	1705.3	1689.4
17.5°	928.4	941.2	966.2	969.2	959.4
20°	530.8	546.7	566.4	560.3	541.4
22.5°	333.9	338.5	358.2	348.3	343.8
25°	212.0	223.4	235.5	225.7	218.1
27.5°	131.8	139.3	152.2	141.6	133.3
30°	79.5	86.3	100.0	85.6	80.3
32.5°	41.6	51.5	62.8	52.2	41.6
35°	19.7	28.0	38.6	28.0	20.4
37.5°	12.1	15.1	23.5	15.1	12.1
40°	6.8	9.8	14.4	9.8	6.8
42.5°	3.0	5.3	6.8	5.3	3.8
45°	0.8	2.3	3.8	2.3	0.8
47.5°	0.0	0.0	2.3	0.8	0.0
50°	0.0	0.0	0.8	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



TEST NUMBER: P1317977

CATALOG NUMBER: P3SQAS13R259835DE010 E3SQCD1MB

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)