

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: P1309768

Luminaire Tested: P3SQAS02R359040DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309768
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: P3SQAS02R359040DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

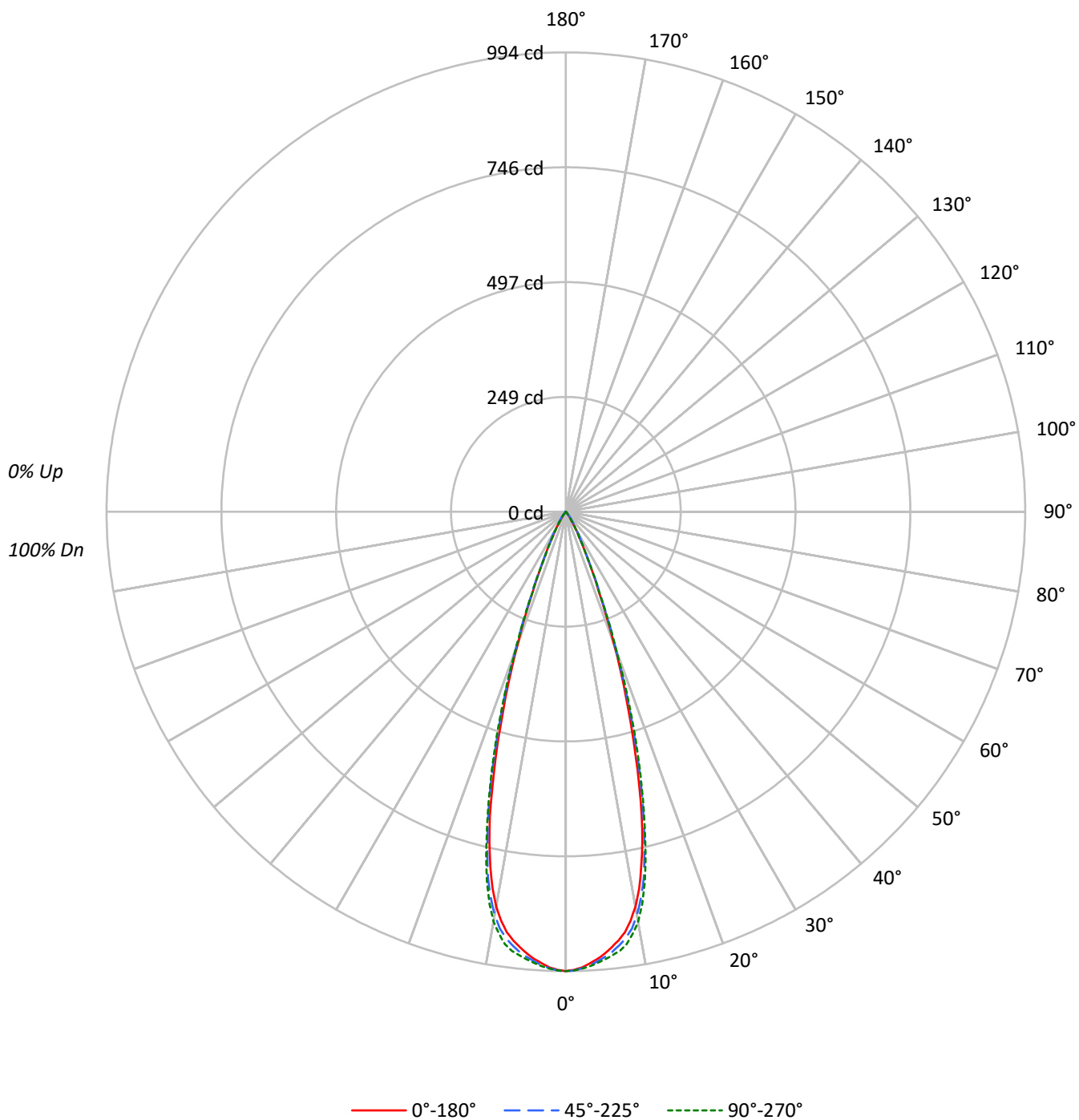
Lumens per Lamp: N/A
Luminaire Lumens: 331.0 lumens
Efficiency: N/A
Efficacy: 91.9 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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
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°	171207	171207	171207
5°	166017	167193	168109
10°	151708	154926	157584
15°	109101	113861	114806
20°	55551	58337	58483
25°	21074	21530	20922
30°	8193	9486	7975
35°	2817	4415	2649
40°	944	1709	877
45°	73	585	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: 585 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.0	27.2
10°-20°	167.7	50.7
20°-30°	60.3	18.2
30°-40°	11.8	3.6
40°-50°	1.3	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°	317.9	96.0
0°-40°	329.7	99.6
0°-60°	331.0	100.0
0°-90°	331.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	331.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	994	994	994	994	994	
5°	960	963	967	972	972	89
15°	612	622	639	643	644	163
25°	111	112	113	112	110	58
35°	13	15	21	16	13	10
45°	0	1	2	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°	994.1	994.1	994.1	994.1	994.1
1°	991.3	992.6	992.8	994.7	992.6
2°	987.1	987.8	988.9	990.5	989.4
3°	978.9	980.5	982.9	985.0	985.0
4°	970.3	972.4	975.3	978.9	978.7
5°	960.3	962.9	967.1	971.6	972.4
6°	947.7	950.9	957.7	964.0	965.0
7°	934.4	939.1	945.6	954.8	957.2
8°	918.6	922.3	931.7	942.5	945.1
9°	895.6	901.1	913.1	923.1	924.7
10°	867.5	871.4	885.9	896.3	901.1
11°	831.3	837.1	851.3	862.0	865.1
12°	785.2	793.6	810.1	818.0	820.6
13°	735.4	742.5	755.3	765.0	767.1
14°	679.3	686.1	699.5	707.3	705.5
15°	611.9	622.1	638.6	643.1	643.9
17.5°	452.0	458.5	473.2	480.3	485.3
20°	303.1	309.4	318.3	323.0	319.1
22.5°	184.3	189.5	194.3	194.0	192.7
25°	110.9	111.9	113.3	112.5	110.1
27.5°	64.8	67.6	71.6	68.9	65.0
30°	41.2	43.5	47.7	43.3	40.1
32.5°	21.8	27.5	32.0	26.0	22.8
35°	13.4	15.2	21.0	15.5	12.6
37.5°	8.1	9.4	13.1	9.2	7.3
40°	4.2	6.0	7.6	5.5	3.9
42.5°	1.3	2.9	4.2	2.6	1.3
45°	0.3	0.8	2.4	0.8	0.3
47.5°	0.0	0.0	1.0	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)