

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: P1311965

Luminaire Tested: P3SQAS02R359727DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311965
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R359727DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

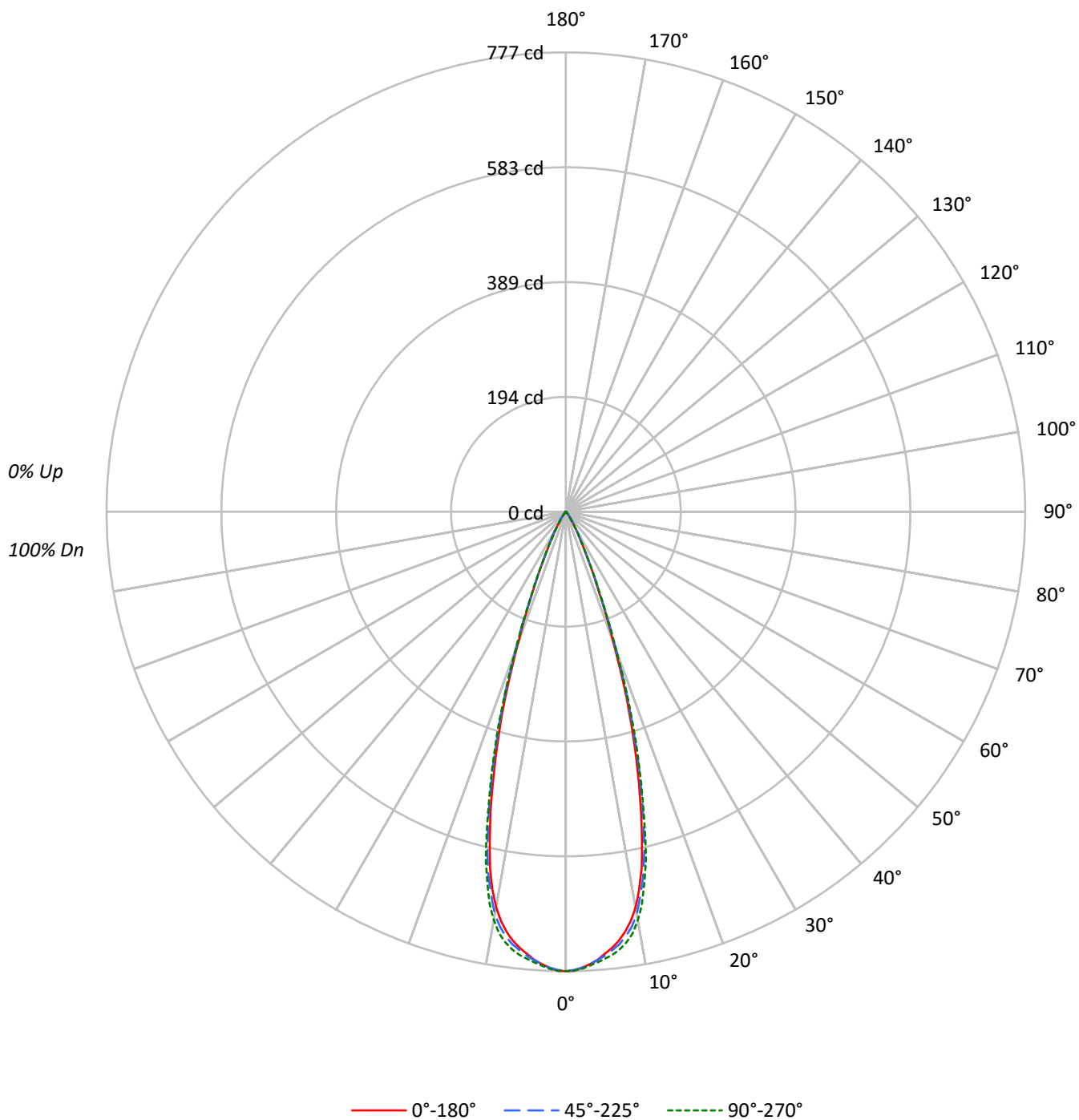
Lumens per Lamp: N/A
Luminaire Lumens: 261.0 lumens
Efficiency: N/A
Efficacy: 72.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94
4	103	98	94	91	102	97	93	90	95	92	89		93	90	88		91
5	100	94	90	86	99	93	89	86	91	88	85		90	87	85		89
6	97	90	86	83	96	90	86	83	88	85	82		87	84	82		86
7	94	87	83	80	93	87	82	79	85	82	79		84	81	79		83
8	91	84	80	77	90	84	80	77	83	79	76		82	78	76		81
9	88	81	77	74	88	81	77	74	80	76	74		79	76	74		79
10	86	79	75	72	85	78	74	72	78	74	71		77	74	71		76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	133817	133817	133817
5°	129851	130317	131199
10°	118778	120859	122695
15°	85262	88382	89292
20°	42886	45397	45507
25°	16247	16760	16836
30°	6602	7577	6483
35°	2397	3637	2313
40°	1012	1551	967
45°	244	633	244
50°	161	268	161
55°	180	180	180
60°	207	207	207
65°	163	163	163
70°	101	101	101
75°	133	133	133
80°	198	198	198
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 633 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.2	26.9
10°-20°	130.9	50.2
20°-30°	47.1	18.0
30°-40°	9.9	3.8
40°-50°	1.7	0.6
50°-60°	0.5	0.2
60°-70°	0.4	0.2
70°-80°	0.2	0.1
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°	248.2	95.1
0°-40°	258.1	98.9
0°-60°	260.3	99.8
0°-90°	261.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	261.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	777	777	777	777	777	
5°	751	753	754	759	759	70
15°	478	487	496	501	501	127
25°	86	87	88	89	89	45
35°	11	13	17	13	11	9
45°	1	2	3	2	1	1
55°	1	1	1	1	1	1
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°	777.0	777.0	777.0	777.0	777.0
1°	776.6	776.6	775.0	776.8	776.2
2°	772.3	772.7	771.7	773.9	773.7
3°	766.4	767.4	766.6	769.9	768.9
4°	760.1	760.9	760.5	764.6	764.2
5°	751.1	752.6	753.8	758.9	758.9
6°	742.0	743.4	746.0	751.5	753.4
7°	731.4	733.2	737.5	744.8	746.0
8°	717.9	720.0	725.9	733.8	735.5
9°	701.2	704.3	711.0	720.6	721.6
10°	679.2	681.7	691.1	699.0	701.6
11°	650.7	652.8	661.1	673.9	675.6
12°	616.1	618.5	629.3	637.7	639.3
13°	572.3	577.0	590.0	598.2	602.7
14°	527.3	533.6	543.0	554.6	551.7
15°	478.2	486.6	495.7	501.0	500.8
17.5°	357.8	362.7	370.9	373.9	378.0
20°	234.0	240.3	247.7	250.5	248.3
22.5°	145.2	146.8	149.1	150.3	149.9
25°	85.5	86.8	88.2	89.0	88.6
27.5°	51.5	54.4	56.4	54.0	52.5
30°	33.2	34.4	38.1	34.8	32.6
32.5°	19.8	22.6	25.7	21.8	18.9
35°	11.4	13.4	17.3	13.2	11.0
37.5°	7.3	8.4	11.2	8.1	7.1
40°	4.5	5.7	6.9	5.3	4.3
42.5°	2.2	3.5	4.1	3.1	2.2
45°	1.0	1.6	2.6	1.6	1.0
47.5°	0.6	0.8	1.6	0.8	0.6
50°	0.6	0.6	1.0	0.6	0.6
52.5°	0.6	0.6	0.6	0.6	0.6
55°	0.6	0.6	0.6	0.6	0.6
57.5°	0.6	0.6	0.6	0.6	0.6
60°	0.6	0.6	0.6	0.6	0.6
62.5°	0.4	0.4	0.4	0.4	0.4
65°	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4
70°	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	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)