

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: P1313909

Luminaire Tested: P3SQAS02R359735DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313909
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: P3SQAS02R359735DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

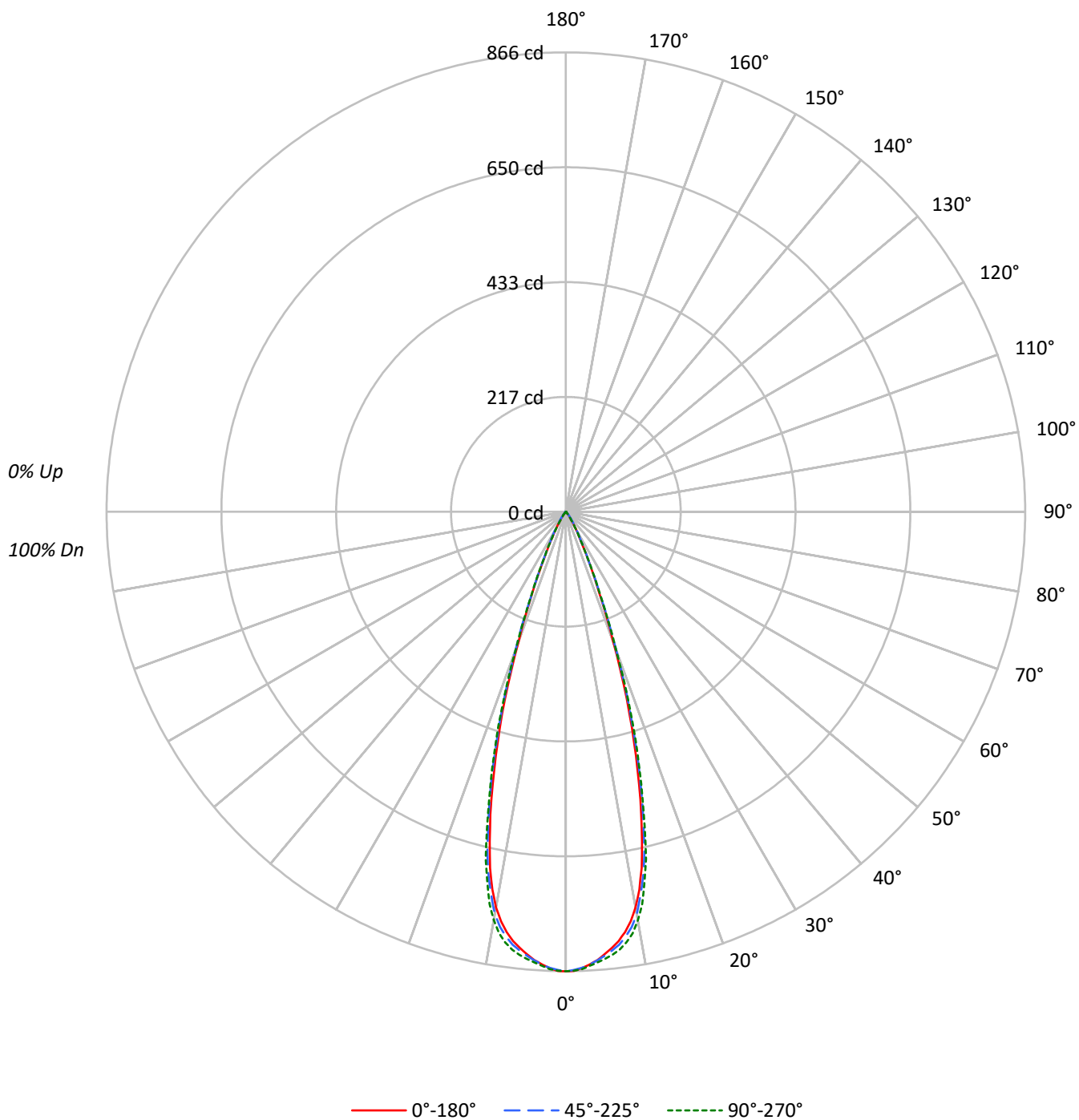
Lumens per Lamp: N/A
Luminaire Lumens: 291.0 lumens
Efficiency: N/A
Efficacy: 80.8 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	79	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°	149196	149196	149196
5°	144787	145289	146274
10°	132436	134745	136808
15°	95068	98545	99562
20°	47817	50602	50731
25°	18129	18680	18775
30°	7358	8452	7219
35°	2670	4058	2586
40°	1124	1731	1079
45°	268	731	268
50°	188	295	188
55°	210	210	210
60°	241	241	241
65°	204	204	204
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: 731 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.3	26.9
10°-20°	145.9	50.1
20°-30°	52.5	18.0
30°-40°	11.0	3.8
40°-50°	1.9	0.7
50°-60°	0.6	0.2
60°-70°	0.5	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°	276.7	95.1
0°-40°	287.7	98.9
0°-60°	290.3	99.8
0°-90°	291.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	291.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	866	866	866	866	866	
5°	838	839	840	846	846	78
15°	533	542	553	559	558	142
25°	95	97	98	99	99	51
35°	13	15	19	15	12	10
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°	866.3	866.3	866.3	866.3	866.3
1°	865.9	865.9	864.0	866.1	865.4
2°	861.1	861.5	860.4	862.9	862.7
3°	854.5	855.6	854.7	858.4	857.2
4°	847.5	848.4	847.9	852.5	852.0
5°	837.5	839.1	840.4	846.1	846.1
6°	827.3	828.8	831.8	837.9	840.0
7°	815.4	817.5	822.3	830.4	831.8
8°	800.5	802.7	809.3	818.2	820.0
9°	781.8	785.2	792.7	803.4	804.5
10°	757.3	760.0	770.5	779.3	782.3
11°	725.5	727.8	737.1	751.4	753.2
12°	686.9	689.6	701.7	711.0	712.8
13°	638.1	643.3	657.9	666.9	671.9
14°	587.9	595.0	605.4	618.3	615.2
15°	533.2	542.5	552.7	558.6	558.4
17.5°	399.0	404.4	413.5	416.9	421.5
20°	260.9	268.0	276.1	279.3	276.8
22.5°	161.9	163.7	166.2	167.6	167.1
25°	95.4	96.7	98.3	99.2	98.8
27.5°	57.5	60.6	62.9	60.2	58.6
30°	37.0	38.4	42.5	38.8	36.3
32.5°	22.0	25.2	28.6	24.3	21.1
35°	12.7	15.0	19.3	14.8	12.3
37.5°	8.2	9.3	12.5	9.1	7.9
40°	5.0	6.4	7.7	5.9	4.8
42.5°	2.5	3.9	4.5	3.4	2.5
45°	1.1	1.8	3.0	1.8	1.1
47.5°	0.7	0.9	1.8	0.9	0.7
50°	0.7	0.7	1.1	0.7	0.7
52.5°	0.7	0.7	0.7	0.7	0.7
55°	0.7	0.7	0.7	0.7	0.7
57.5°	0.7	0.7	0.7	0.7	0.7
60°	0.7	0.7	0.7	0.7	0.7
62.5°	0.5	0.5	0.5	0.5	0.5
65°	0.5	0.5	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5
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)