

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: P1311340

Luminaire Tested: P3SQAS13R359050DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311340
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: P3SQAS13R359050DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

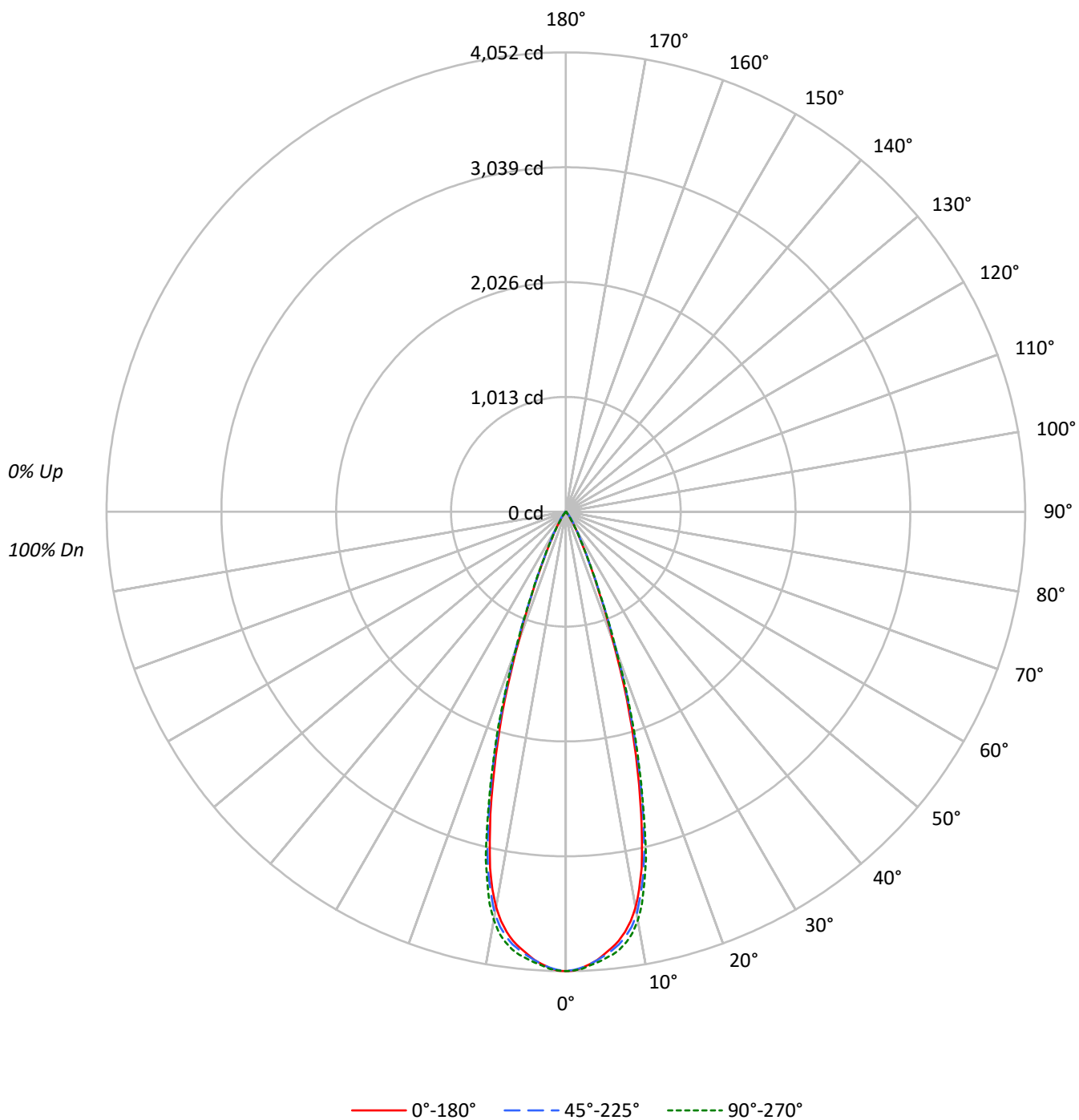
Lumens per Lamp: N/A
Luminaire Lumens: 1361.0 lumens
Efficiency: N/A
Efficacy: 93.2 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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°	697794	697794	697794
5°	677138	679524	684123
10°	619406	630178	639849
15°	444622	460900	465643
20°	223651	236700	237268
25°	84771	87393	87792
30°	34424	39495	33787
35°	12510	18985	12068
40°	5261	8116	5014
45°	1291	3361	1291
50°	857	1420	857
55°	961	961	961
60°	1102	1102	1102
65°	856	856	856
70°	554	554	554
75°	732	732	732
80°	1091	1091	1091
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 3361 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	366.3	26.9
10°-20°	682.5	50.1
20°-30°	245.5	18.0
30°-40°	51.6	3.8
40°-50°	8.9	0.7
50°-60°	2.9	0.2
60°-70°	2.1	0.2
70°-80°	1.2	0.1
80°-90°	0.2	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°	1294.2	95.1
0°-40°	1345.8	98.9
0°-60°	1357.6	99.7
0°-90°	1361.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1361.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4052	4052	4052	4052	4052	
5°	3917	3924	3931	3957	3957	363
15°	2494	2537	2585	2613	2612	664
25°	446	452	460	464	462	237
35°	60	70	90	69	57	45
45°	5	8	14	8	5	6
55°	3	3	3	3	3	3
65°	2	2	2	2	2	2
75°	1	1	1	1	1	1
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°	4051.7	4051.7	4051.7	4051.7	4051.7
1°	4049.6	4049.6	4041.1	4050.7	4047.5
2°	4027.3	4029.4	4024.1	4035.8	4034.7
3°	3996.5	4001.8	3997.6	4014.5	4009.2
4°	3963.6	3967.8	3965.7	3986.9	3984.8
5°	3916.8	3924.3	3930.6	3957.2	3957.2
6°	3869.0	3876.5	3890.3	3919.0	3928.5
7°	3813.8	3823.4	3845.7	3883.9	3890.3
8°	3743.7	3754.3	3785.1	3826.6	3835.1
9°	3656.6	3672.6	3707.6	3757.5	3762.8
10°	3541.9	3554.7	3603.5	3645.0	3658.8
11°	3393.2	3403.9	3447.4	3514.3	3522.8
12°	3212.7	3225.4	3281.7	3325.3	3333.8
13°	2984.4	3008.8	3076.8	3119.2	3142.6
14°	2749.6	2782.6	2831.4	2892.0	2877.1
15°	2493.7	2537.2	2585.0	2612.6	2611.6
17.5°	1866.0	1891.5	1934.0	1949.9	1971.2
20°	1220.3	1253.2	1291.5	1306.3	1294.6
22.5°	757.2	765.7	777.4	783.8	781.7
25°	446.1	452.4	459.9	464.1	462.0
27.5°	268.7	283.6	294.2	281.4	274.0
30°	173.1	179.5	198.6	181.6	169.9
32.5°	103.0	117.9	133.8	113.6	98.8
35°	59.5	70.1	90.3	69.0	57.4
37.5°	38.2	43.5	58.4	42.5	37.2
40°	23.4	29.7	36.1	27.6	22.3
42.5°	11.7	18.1	21.2	15.9	11.7
45°	5.3	8.5	13.8	8.5	5.3
47.5°	3.2	4.2	8.5	4.2	3.2
50°	3.2	3.2	5.3	3.2	3.2
52.5°	3.2	3.2	3.2	3.2	3.2
55°	3.2	3.2	3.2	3.2	3.2
57.5°	3.2	3.2	3.2	3.2	3.2
60°	3.2	3.2	3.2	3.2	3.2
62.5°	2.1	2.1	2.1	2.1	2.1
65°	2.1	2.1	2.1	2.1	2.1
67.5°	2.1	2.1	2.1	2.1	2.1
70°	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	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)