

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: P1311343

Luminaire Tested: P3SQAS13R359050DE010 E3SQPH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311343
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R359050DE010 E3SQPH1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3SQPH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

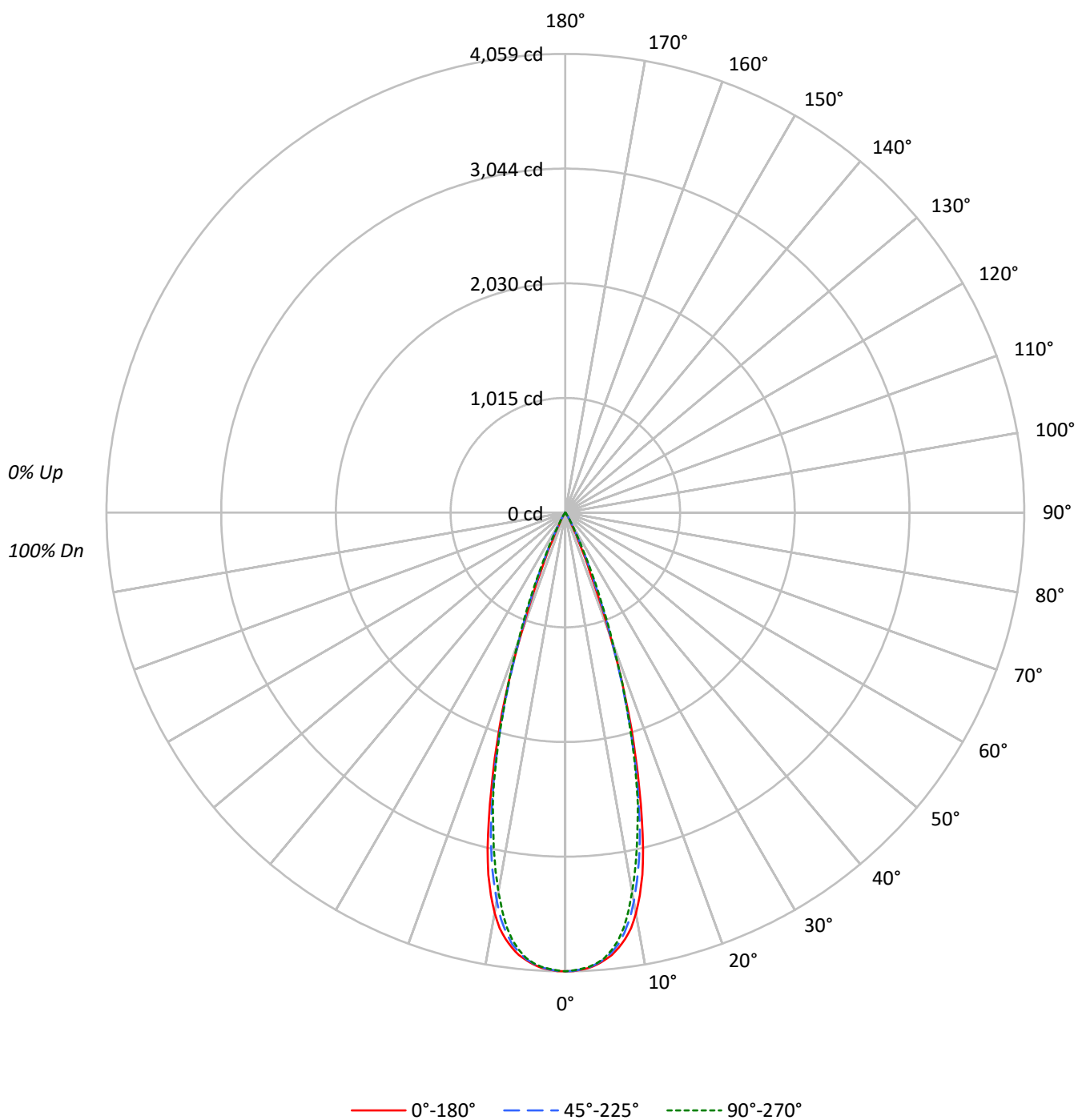
Lumens per Lamp: N/A
Luminaire Lumens: 1232.0 lumens
Efficiency: N/A
Efficacy: 84.4 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	113	111	109	108	107	106	104		103	102	101		100
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97
3	108	103	100	97	106	102	99	96	99	97	94		97	95	93		95
4	104	99	95	92	103	98	94	92	96	93	91		94	92	90		93
5	101	95	91	88	100	95	91	88	93	90	87		92	89	87		90
6	98	92	88	85	97	91	88	85	90	87	84		89	86	84		88
7	96	89	85	82	94	89	85	82	87	84	81		86	83	81		85
8	93	86	82	79	92	86	82	79	85	81	79		84	81	79		83
9	90	84	80	77	89	83	79	77	82	79	76		82	79	76		81
10	88	81	77	75	87	81	77	74	80	77	74		80	76	74		79

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	699052	699052	699052
5°	687044	685575	684105
10°	629671	610732	595884
15°	450880	436491	431196
20°	209081	216265	223853
25°	49616	70576	73597
30°	14557	16665	18773
35°	3343	5361	4899
40°	719	1439	944
45°	268	268	268
50°	295	0	295
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: 0°

Vertical Angle: 52.5°

Luminance: 311 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	364.4	29.6
10°-20°	651.5	52.9
20°-30°	196.0	15.9
30°-40°	18.7	1.5
40°-50°	1.3	0.1
50°-60°	0.1	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°	1211.9	98.4
0°-40°	1230.6	99.9
0°-60°	1232.0	100.0
0°-90°	1232.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1232.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4059	4059	4059	4059	4059	
5°	3974	3973	3966	3960	3957	368
15°	2529	2510	2448	2438	2418	668
25°	261	288	371	387	387	168
35°	16	21	26	28	23	15
45°	1	1	1	1	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4059.0	4059.0	4059.0	4059.0	4059.0
1°	4056.9	4056.9	4054.8	4054.8	4050.5
2°	4047.3	4048.4	4044.2	4043.1	4039.9
3°	4032.5	4029.3	4029.3	4027.2	4025.1
4°	4009.1	4002.8	4000.6	4001.7	3997.5
5°	3974.1	3973.1	3965.6	3960.3	3957.1
6°	3935.9	3928.5	3912.6	3898.8	3895.6
7°	3878.6	3862.7	3848.9	3820.2	3816.0
8°	3808.6	3783.1	3753.4	3713.1	3710.9
9°	3722.6	3681.2	3639.8	3585.7	3566.6
10°	3600.6	3562.4	3492.3	3444.6	3407.4
11°	3448.8	3401.1	3319.4	3262.1	3231.3
12°	3276.9	3232.4	3136.8	3084.9	3041.3
13°	3056.2	3019.1	2929.9	2872.6	2838.7
14°	2800.5	2772.9	2688.0	2662.5	2650.8
15°	2528.8	2509.7	2448.1	2437.5	2418.4
17.5°	1861.3	1829.5	1794.5	1800.8	1807.2
20°	1140.8	1185.3	1180.0	1203.4	1221.4
22.5°	568.8	626.1	693.0	733.3	753.4
25°	261.1	287.6	371.4	387.3	387.3
27.5°	131.6	138.0	175.1	178.3	186.8
30°	73.2	78.5	83.8	93.4	94.4
32.5°	37.1	43.5	45.6	50.9	48.8
35°	15.9	21.2	25.5	27.6	23.3
37.5°	7.4	9.6	13.8	12.7	9.6
40°	3.2	4.2	6.4	5.3	4.2
42.5°	2.1	2.1	3.2	2.1	2.1
45°	1.1	1.1	1.1	1.1	1.1
47.5°	1.1	1.1	0.0	1.1	1.1
50°	1.1	0.0	0.0	0.0	1.1
52.5°	1.1	0.0	0.0	0.0	1.1
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)