

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: P1314850

Luminaire Tested: P3SQAS02R259740DE010 E3SQPH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314850
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R259740DE010 E3SQPH1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3SQPH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

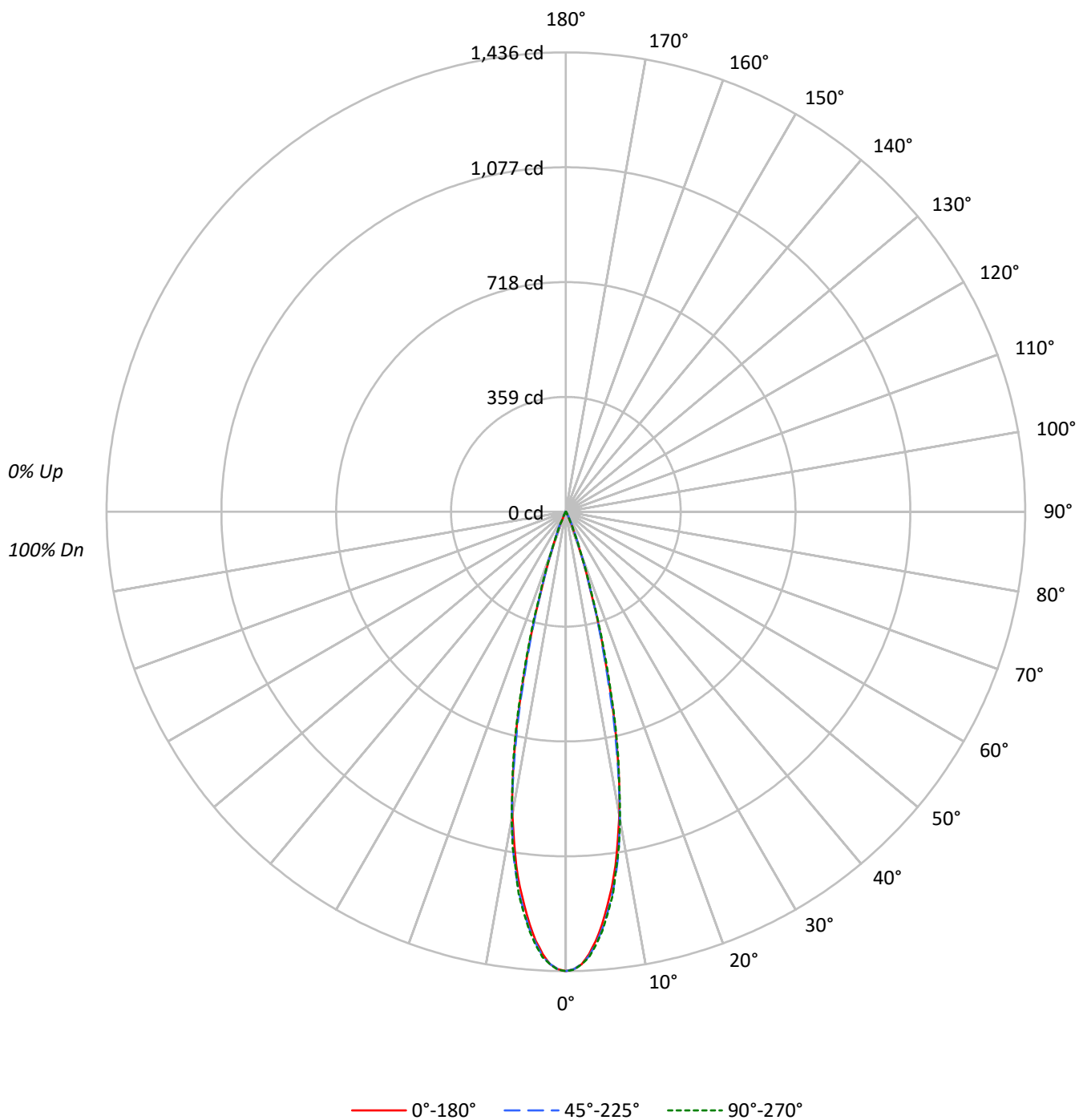
Lumens per Lamp: N/A
Luminaire Lumens: 265.0 lumens
Efficiency: N/A
Efficacy: 73.6 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	112	110	113	111	110	108	107	106	105		104	103	102		100
2	112	109	106	104	110	107	105	103	104	102	101		101	100	98		99
3	109	105	102	99	107	104	101	98	101	99	97		99	97	95		97
4	106	101	98	95	105	100	97	95	99	96	94		97	94	93		95
5	104	98	95	92	102	98	94	92	96	93	91		95	92	90		93
6	101	96	92	89	100	95	92	89	94	91	89		93	90	88		91
7	99	93	89	87	98	93	89	87	92	89	86		91	88	86		90
8	97	91	87	85	96	90	87	85	90	86	84		89	86	84		88
9	95	89	85	83	94	88	85	83	88	85	82		87	84	82		86
10	93	87	83	81	92	86	83	81	86	83	81		85	82	80		85

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	247294	247294	247294
5°	224105	226145	227251
10°	168461	169668	170455
15°	83408	80929	86314
20°	23551	23954	24211
25°	4086	7715	4846
30°	1591	1651	1690
35°	505	547	547
40°	157	202	157
45°	122	49	122
50°	54	0	54
55°	60	0	60
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: 45°

Luminance: 122 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.1	43.0
10°-20°	128.6	48.5
20°-30°	20.0	7.5
30°-40°	2.0	0.8
40°-50°	0.3	0.1
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°	262.7	99.1
0°-40°	264.7	99.9
0°-60°	265.0	100.0
0°-90°	265.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	265.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1436	1436	1436	1436	1436	
5°	1296	1299	1308	1313	1314	113
15°	468	464	454	474	484	128
25°	22	32	41	31	26	18
35°	2	3	3	3	3	2
45°	0	0	0	0	0	0
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°	1435.9	1435.9	1435.9	1435.9	1435.9
1°	1430.0	1431.9	1429.8	1432.1	1431.9
2°	1415.1	1417.0	1414.4	1415.8	1415.8
3°	1384.6	1388.7	1391.0	1392.7	1394.1
4°	1344.5	1349.0	1352.5	1356.8	1356.8
5°	1296.3	1298.6	1308.1	1313.3	1314.5
6°	1238.8	1248.3	1255.4	1265.8	1259.4
7°	1181.4	1189.2	1199.1	1200.8	1205.3
8°	1116.2	1124.5	1133.7	1132.0	1128.3
9°	1036.8	1048.9	1059.7	1056.2	1060.9
10°	963.3	970.7	970.2	966.6	974.7
11°	878.0	879.7	870.5	884.9	876.1
12°	776.9	778.3	766.5	780.7	789.7
13°	680.0	676.7	660.4	679.1	690.4
14°	568.5	569.7	548.9	585.0	582.2
15°	467.8	464.5	453.9	474.2	484.1
17.5°	249.3	251.4	248.8	259.0	265.3
20°	128.5	132.1	130.7	134.9	132.1
22.5°	66.6	71.6	73.0	69.7	60.7
25°	21.5	31.9	40.6	31.0	25.5
27.5°	13.0	12.8	19.8	13.7	13.9
30°	8.0	7.8	8.3	8.3	8.5
32.5°	4.5	4.7	4.5	5.0	4.7
35°	2.4	2.6	2.6	2.8	2.6
37.5°	1.4	1.7	1.7	1.7	1.4
40°	0.7	0.9	0.9	0.7	0.7
42.5°	0.5	0.5	0.5	0.5	0.5
45°	0.5	0.2	0.2	0.2	0.5
47.5°	0.2	0.2	0.0	0.2	0.2
50°	0.2	0.2	0.0	0.2	0.2
52.5°	0.2	0.0	0.0	0.0	0.2
55°	0.2	0.0	0.0	0.0	0.2
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)