

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: P1305905

Luminaire Tested: P3SQAS13R259024DE010 E3SQPH1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305905
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: P3SQAS13R259024DE010 E3SQPH1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3SQPH1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

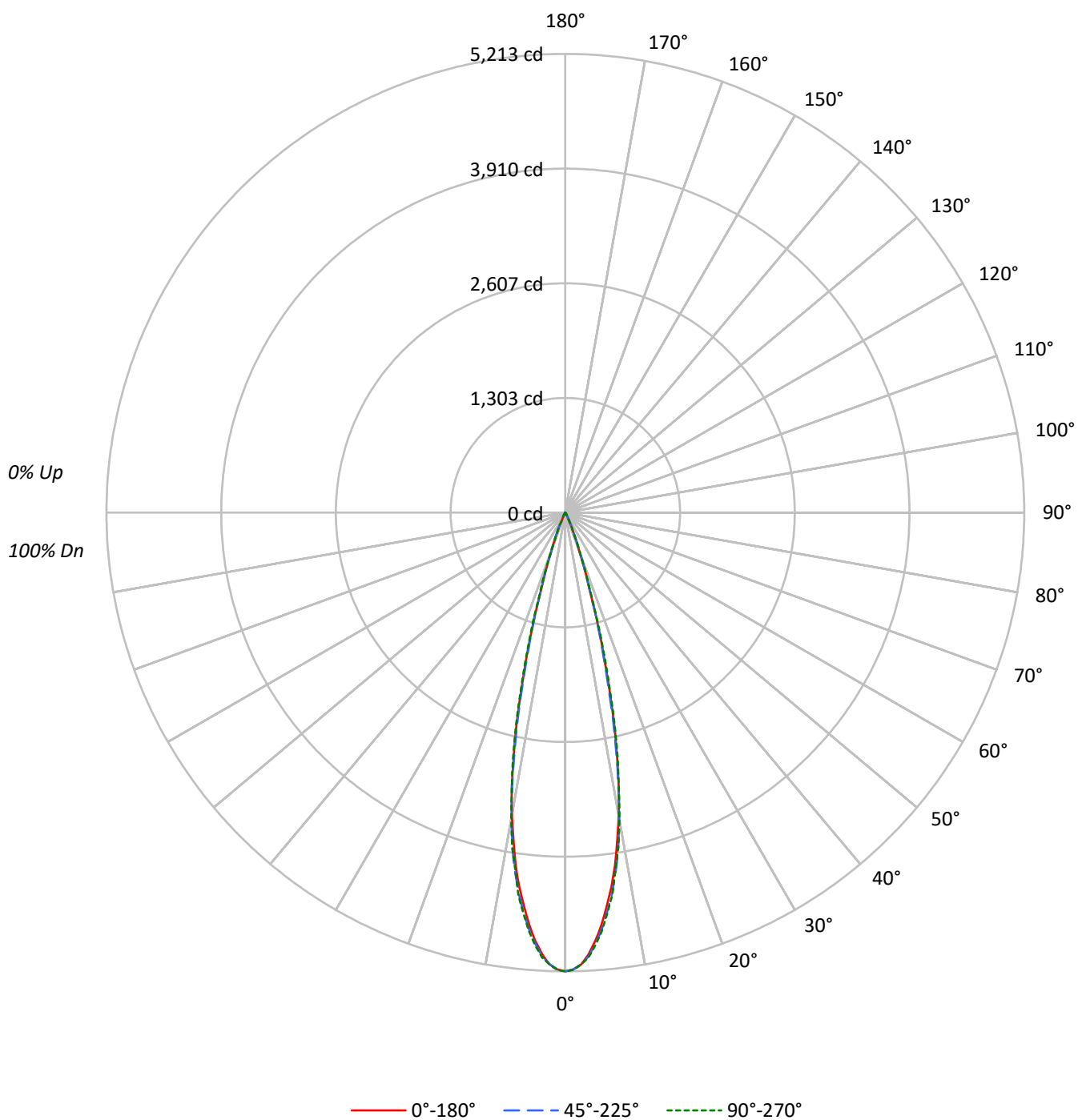
Lumens per Lamp: N/A
Luminaire Lumens: 962.0 lumens
Efficiency: N/A
Efficacy: 65.9 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1305905

CATALOG NUMBER: P3SQAS13R259024DE010 E3SQPH1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1305905

CATALOG NUMBER: P3SQAS13R259024DE010 E3SQPH1MMS

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	99	97	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	97	96	96	96	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	94	94	93
4	106	101	98	95	105	100	97	95	99	96	94	97	94	93	95	93	92	92	92	91
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	89	89	89	88
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	91	89	87	87	87	86
7	99	93	89	87	98	93	89	87	92	89	86	91	88	86	90	87	86	86	86	85
8	97	91	87	85	96	90	87	85	90	86	84	89	86	84	88	85	84	84	84	83
9	95	89	85	83	94	88	85	83	88	85	82	87	84	82	86	84	82	82	82	81
10	93	87	83	81	92	86	83	81	86	83	81	85	82	80	85	82	80	80	80	80

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	897728	897728	897728
5°	813524	820940	824934
10°	611571	615925	618776
15°	302821	293799	313377
20°	85516	86928	87881
25°	14841	28029	17596
30°	5807	5966	6145
35°	1808	1976	1976
40°	585	764	585
45°	414	219	414
50°	241	0	241
55°	270	0	270
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: 414 cd/sqm

TEST NUMBER: P1305905

CATALOG NUMBER: P3SQAS13R259024DE010 E3SQPH1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	414.1	43.0
10°-20°	467.0	48.5
20°-30°	72.4	7.5
30°-40°	7.3	0.8
40°-50°	1.0	0.1
50°-60°	0.2	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°	953.5	99.1
0°-40°	960.8	99.9
0°-60°	962.0	100.0
0°-90°	962.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	962.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5213	5213	5213	5213	5213	
5°	4706	4714	4749	4767	4772	410
15°	1698	1686	1648	1722	1758	465
25°	78	116	148	112	93	65
35°	9	9	9	10	9	7
45°	2	1	1	1	2	1
55°	1	0	0	0	1	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	0

TEST NUMBER: P1305905

CATALOG NUMBER: P3SQAS13R259024DE010 E3SQPH1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5212.6	5212.6	5212.6	5212.6	5212.6
1°	5191.2	5198.0	5190.3	5198.9	5198.0
2°	5137.1	5144.0	5134.6	5139.7	5139.7
3°	5026.5	5041.1	5049.6	5055.6	5060.8
4°	4880.7	4897.0	4909.8	4925.3	4925.3
5°	4705.7	4714.3	4748.6	4767.4	4771.7
6°	4497.2	4531.6	4557.3	4595.0	4571.9
7°	4288.8	4317.1	4353.1	4359.1	4375.4
8°	4052.1	4082.1	4115.5	4109.5	4095.8
9°	3763.9	3807.6	3847.1	3834.2	3851.3
10°	3497.1	3523.7	3522.0	3509.1	3538.3
11°	3187.4	3193.4	3160.0	3212.3	3180.6
12°	2820.3	2825.5	2782.6	2834.0	2866.6
13°	2468.6	2456.6	2397.4	2465.2	2506.4
14°	2063.8	2068.1	1992.6	2123.8	2113.5
15°	1698.4	1686.4	1647.8	1721.5	1757.6
17.5°	904.9	912.7	903.2	940.1	963.3
20°	466.6	479.5	474.3	489.8	479.5
22.5°	241.9	259.9	265.0	253.0	220.4
25°	78.1	115.8	147.5	112.4	92.6
27.5°	47.2	46.3	72.1	49.8	50.6
30°	29.2	28.3	30.0	30.0	30.9
32.5°	16.3	17.2	16.3	18.0	17.2
35°	8.6	9.4	9.4	10.3	9.4
37.5°	5.1	6.0	6.0	6.0	5.1
40°	2.6	3.4	3.4	2.6	2.6
42.5°	1.7	1.7	1.7	1.7	1.7
45°	1.7	0.9	0.9	0.9	1.7
47.5°	0.9	0.9	0.0	0.9	0.9
50°	0.9	0.9	0.0	0.9	0.9
52.5°	0.9	0.0	0.0	0.0	0.9
55°	0.9	0.0	0.0	0.0	0.9
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



TEST NUMBER: P1305905

CATALOG NUMBER: P3SQAS13R259024DE010 E3SQPH1MMS

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)