

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: P1317105

Luminaire Tested: P3SQAS13R259830DE010 E3SQPH1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317105
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: P3SQAS13R259830DE010 E3SQPH1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3SQPH1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

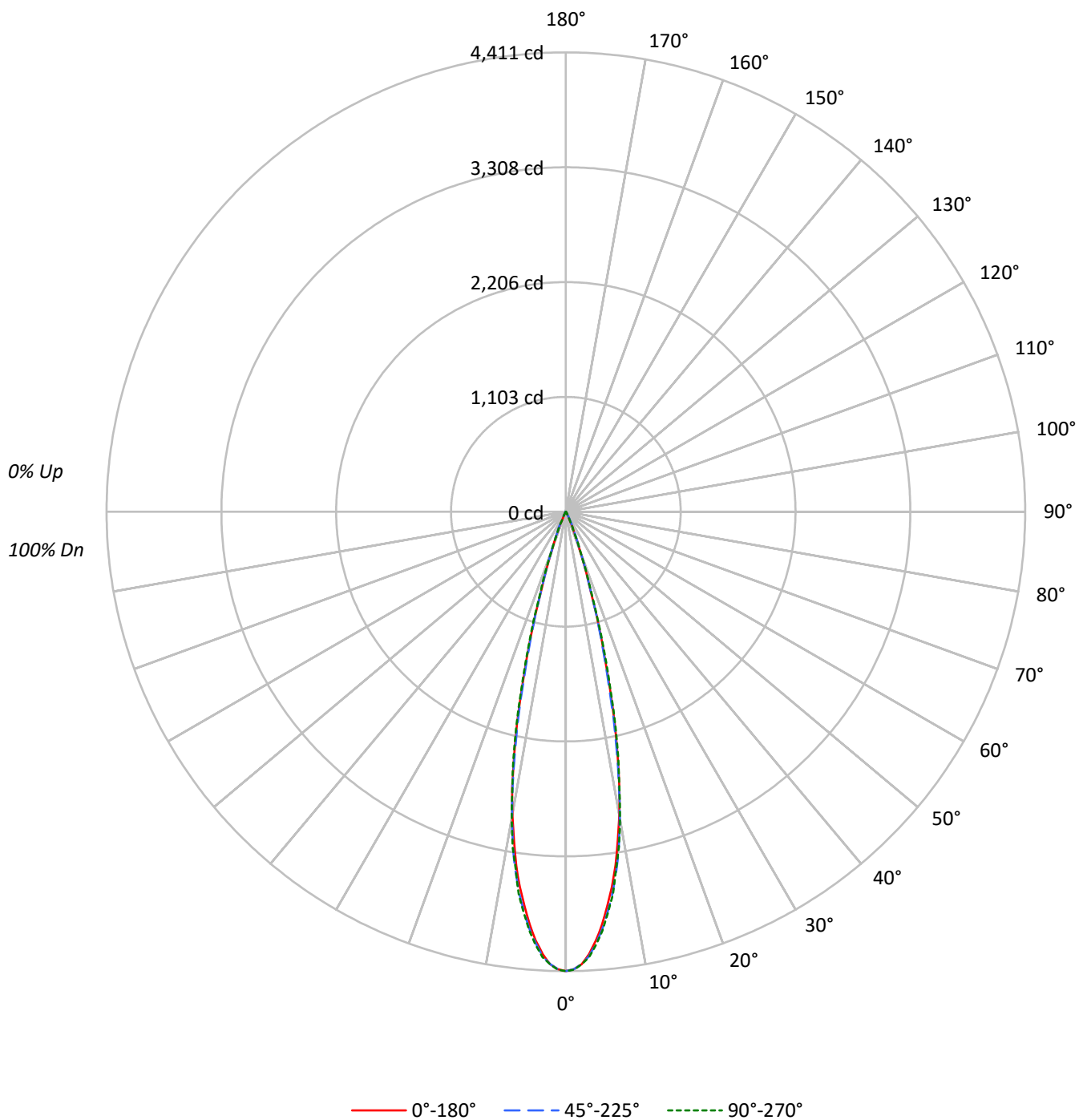
Lumens per Lamp: N/A
Luminaire Lumens: 814.0 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1317105

CATALOG NUMBER: P3SQAS13R259830DE010 E3SQPH1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1317105

CATALOG NUMBER: P3SQAS13R259830DE010 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	100	100	100
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	97	96	95	95	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	93	93
4	106	101	98	95	105	100	97	95	99	96	94	97	94	93	95	93	92	91	91	91
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	89	88	88	88
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	91	89	87	86	86	86
7	99	93	89	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85	85	85
8	97	91	87	85	96	90	87	85	90	86	84	89	86	84	88	86	84	83	83	83
9	95	89	85	83	94	88	85	83	88	85	82	87	84	82	86	84	82	81	81	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°	759622	759622	759622
5°	688358	694634	698022
10°	517486	521158	523572
15°	256232	248601	265165
20°	72357	73567	74355
25°	12542	23715	14898
30°	4912	5051	5190
35°	1535	1682	1682
40°	495	652	495
45°	365	170	365
50°	188	0	188
55°	210	0	210
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: 365 cd/sqm

TEST NUMBER: P1317105

CATALOG NUMBER: P3SQAS13R259830DE010 E3SQPH1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	350.4	43.0
10°-20°	395.1	48.5
20°-30°	61.3	7.5
30°-40°	6.2	0.8
40°-50°	0.8	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°	806.8	99.1
0°-40°	813.0	99.9
0°-60°	814.0	100.0
0°-90°	814.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	814.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4411	4411	4411	4411	4411	
5°	3982	3989	4018	4034	4038	347
15°	1437	1427	1394	1457	1487	394
25°	66	98	125	95	78	55
35°	7	8	8	9	8	6
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: P1317105

CATALOG NUMBER: P3SQAS13R259830DE010 E3SQPH1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4410.7	4410.7	4410.7	4410.7	4410.7
1°	4392.5	4398.3	4391.8	4399.1	4398.3
2°	4346.8	4352.6	4344.6	4349.0	4349.0
3°	4253.2	4265.5	4272.8	4277.9	4282.2
4°	4129.8	4143.6	4154.5	4167.5	4167.5
5°	3981.7	3989.0	4018.0	4034.0	4037.6
6°	3805.4	3834.4	3856.2	3888.1	3868.5
7°	3629.0	3652.9	3683.4	3688.5	3702.3
8°	3428.7	3454.1	3482.4	3477.3	3465.7
9°	3184.8	3221.8	3255.2	3244.3	3258.8
10°	2959.1	2981.6	2980.1	2969.2	2993.9
11°	2697.1	2702.1	2673.8	2718.1	2691.3
12°	2386.4	2390.8	2354.5	2398.0	2425.6
13°	2088.8	2078.7	2028.6	2085.9	2120.8
14°	1746.3	1749.9	1686.0	1797.1	1788.4
15°	1437.1	1426.9	1394.3	1456.7	1487.2
17.5°	765.7	772.2	764.3	795.5	815.1
20°	394.8	405.7	401.4	414.4	405.7
22.5°	204.7	219.9	224.3	214.1	186.5
25°	66.0	98.0	124.8	95.1	78.4
27.5°	39.9	39.2	61.0	42.1	42.8
30°	24.7	24.0	25.4	25.4	26.1
32.5°	13.8	14.5	13.8	15.2	14.5
35°	7.3	8.0	8.0	8.7	8.0
37.5°	4.4	5.1	5.1	5.1	4.4
40°	2.2	2.9	2.9	2.2	2.2
42.5°	1.5	1.5	1.5	1.5	1.5
45°	1.5	0.7	0.7	0.7	1.5
47.5°	0.7	0.7	0.0	0.7	0.7
50°	0.7	0.7	0.0	0.7	0.7
52.5°	0.7	0.0	0.0	0.0	0.7
55°	0.7	0.0	0.0	0.0	0.7
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: P1317105

CATALOG NUMBER: P3SQAS13R259830DE010 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)