

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: P1313398

Luminaire Tested: P3SQAS13R259730DE010 E3SQPH1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313398
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: P3SQAS13R259730DE010 E3SQPH1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3SQPH1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

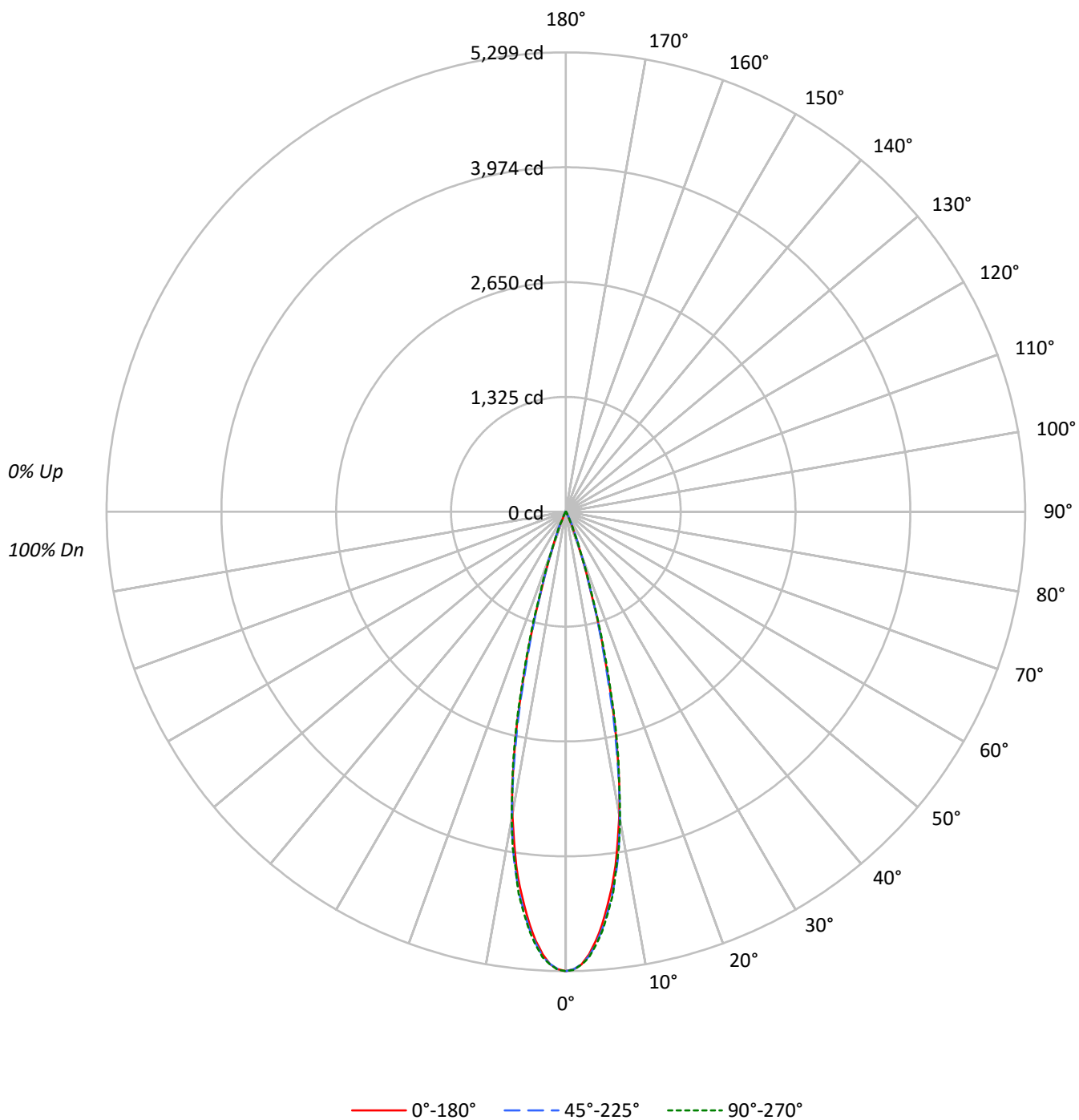
Lumens per Lamp: N/A
Luminaire Lumens: 978.0 lumens
Efficiency: N/A
Efficacy: 67.0 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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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°	912659	912659	912659
5°	827043	834581	838661
10°	621749	626156	629059
15°	307849	298685	318583
20°	86946	88375	89347
25°	15088	28504	17901
30°	5886	6065	6244
35°	1829	2018	2018
40°	585	787	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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	421.0	43.0
10°-20°	474.8	48.5
20°-30°	73.6	7.5
30°-40°	7.5	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°	969.4	99.1
0°-40°	976.8	99.9
0°-60°	978.0	100.0
0°-90°	978.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	978.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5299	5299	5299	5299	5299	
5°	4784	4793	4828	4847	4851	417
15°	1727	1714	1675	1750	1787	473
25°	79	118	150	114	94	67
35°	9	10	10	10	10	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



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5299.3	5299.3	5299.3	5299.3	5299.3
1°	5277.5	5284.5	5276.6	5285.4	5284.5
2°	5222.6	5229.6	5220.0	5225.2	5225.2
3°	5110.1	5124.9	5133.6	5139.7	5145.0
4°	4961.8	4978.4	4991.5	5007.2	5007.2
5°	4783.9	4792.7	4827.5	4846.7	4851.1
6°	4572.0	4606.9	4633.1	4671.5	4647.9
7°	4360.1	4388.9	4425.5	4431.6	4448.2
8°	4119.5	4150.0	4184.0	4177.9	4163.9
9°	3826.5	3870.9	3911.0	3898.0	3915.4
10°	3555.3	3582.3	3580.5	3567.5	3597.1
11°	3240.5	3246.6	3212.6	3265.7	3233.5
12°	2867.2	2872.5	2828.9	2881.2	2914.3
13°	2509.7	2497.5	2437.3	2506.2	2548.1
14°	2098.1	2102.5	2025.7	2159.1	2148.7
15°	1726.6	1714.4	1675.2	1750.2	1786.8
17.5°	920.0	927.8	918.2	955.7	979.3
20°	474.4	487.5	482.2	497.9	487.5
22.5°	245.9	264.2	269.5	257.2	224.1
25°	79.4	117.7	150.0	114.2	94.2
27.5°	48.0	47.1	73.3	50.6	51.4
30°	29.6	28.8	30.5	30.5	31.4
32.5°	16.6	17.4	16.6	18.3	17.4
35°	8.7	9.6	9.6	10.5	9.6
37.5°	5.2	6.1	6.1	6.1	5.2
40°	2.6	3.5	3.5	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



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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)