

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: P1314371

Luminaire Tested: P3SQAS13R259735DE010 E3SQPH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314371
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: P3SQAS13R259735DE010 E3SQPH1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3SQPH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

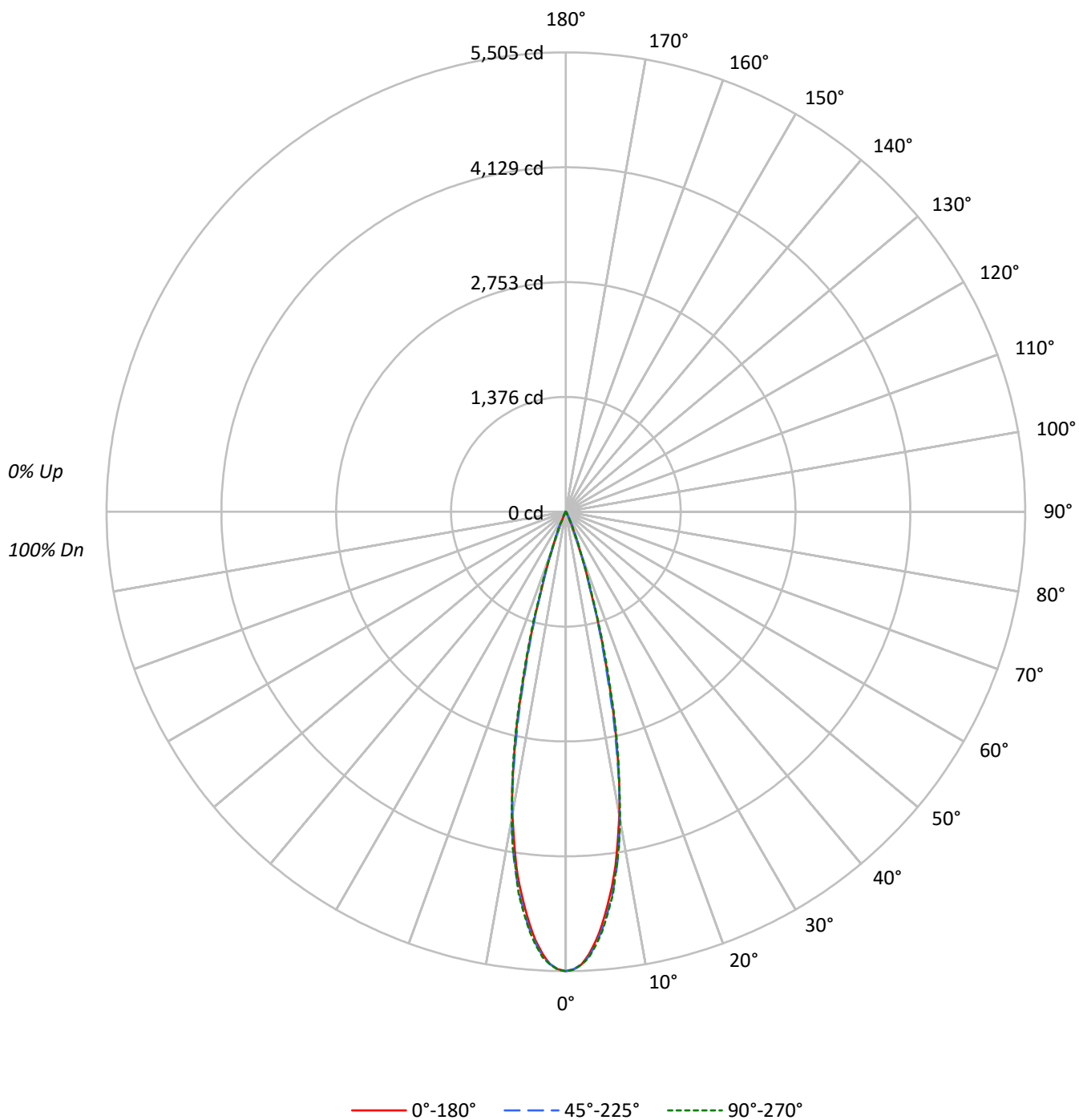
Lumens per Lamp: N/A
Luminaire Lumens: 1016.0 lumens
Efficiency: N/A
Efficacy: 69.6 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1314371

CATALOG NUMBER: P3SQAS13R259735DE010 E3SQPH1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1314371

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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°	948120	948120	948120
5°	859182	867013	871249
10°	645900	650499	653507
15°	319813	310292	330957
20°	90318	91821	92811
25°	15658	29606	18585
30°	6125	6304	6483
35°	1913	2102	2102
40°	607	809	607
45°	438	219	438
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: 438 cd/sqm

TEST NUMBER: P1314371

CATALOG NUMBER: P3SQAS13R259735DE010 E3SQPH1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	437.3	43.0
10°-20°	493.2	48.5
20°-30°	76.5	7.5
30°-40°	7.7	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°	1007.0	99.1
0°-40°	1014.8	99.9
0°-60°	1016.0	100.0
0°-90°	1016.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1016.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5505	5505	5505	5505	5505	
5°	4970	4979	5015	5035	5040	433
15°	1794	1781	1740	1818	1856	491
25°	82	122	156	119	98	69
35°	9	10	10	11	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	



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CATALOG NUMBER: P3SQAS13R259735DE010 E3SQPH1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5505.2	5505.2	5505.2	5505.2	5505.2
1°	5482.6	5489.8	5481.7	5490.7	5489.8
2°	5425.5	5432.7	5422.8	5428.2	5428.2
3°	5308.6	5324.0	5333.1	5339.4	5344.9
4°	5154.6	5171.8	5185.4	5201.7	5201.7
5°	4969.8	4978.9	5015.1	5035.0	5039.6
6°	4749.7	4785.9	4813.1	4853.0	4828.5
7°	4529.6	4559.4	4597.5	4603.8	4621.0
8°	4279.5	4311.2	4346.6	4340.2	4325.7
9°	3975.1	4021.3	4063.0	4049.4	4067.5
10°	3693.4	3721.5	3719.7	3706.1	3736.9
11°	3366.4	3372.7	3337.4	3392.6	3359.1
12°	2978.6	2984.1	2938.8	2993.1	3027.6
13°	2607.2	2594.5	2532.0	2603.6	2647.1
14°	2179.6	2184.1	2104.4	2243.0	2232.2
15°	1793.7	1781.0	1740.3	1818.2	1856.2
17.5°	955.7	963.9	953.9	992.9	1017.3
20°	492.8	506.4	501.0	517.3	506.4
22.5°	255.5	274.5	279.9	267.2	232.8
25°	82.4	122.3	155.8	118.7	97.8
27.5°	49.8	48.9	76.1	52.5	53.4
30°	30.8	29.9	31.7	31.7	32.6
32.5°	17.2	18.1	17.2	19.0	18.1
35°	9.1	10.0	10.0	10.9	10.0
37.5°	5.4	6.3	6.3	6.3	5.4
40°	2.7	3.6	3.6	2.7	2.7
42.5°	1.8	1.8	1.8	1.8	1.8
45°	1.8	0.9	0.9	0.9	1.8
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: P1314371
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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)