

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: P1309114

Luminaire Tested: P3SQAS13R259035DE010 E3SQPH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309114
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: P3SQAS13R259035DE010 E3SQPH1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3SQPH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

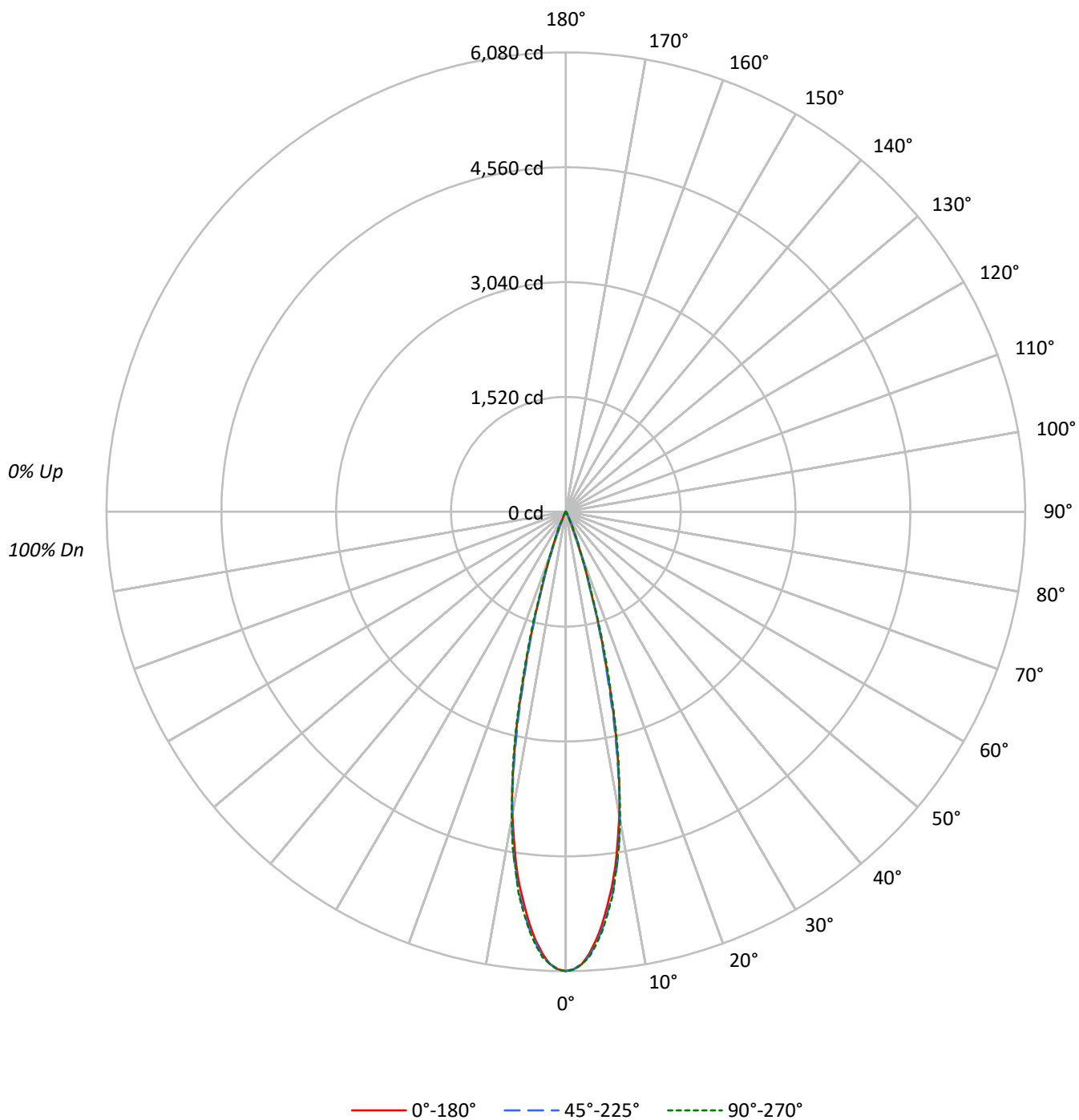
Lumens per Lamp: N/A
Luminaire Lumens: 1122.0 lumens
Efficiency: N/A
Efficacy: 76.8 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	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	86	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°	1047045	1047045	1047045
5°	948820	957481	962149
10°	713281	718352	721693
15°	353173	342653	365493
20°	99739	101388	102488
25°	17292	32704	20523
30°	6761	6960	7159
35°	2102	2313	2313
40°	674	899	674
45°	487	244	487
50°	268	0	268
55°	300	0	300
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: 487 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	483.0	43.0
10°-20°	544.7	48.5
20°-30°	84.5	7.5
30°-40°	8.6	0.8
40°-50°	1.2	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°	1112.1	99.1
0°-40°	1120.6	99.9
0°-60°	1122.0	100.0
0°-90°	1122.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1122.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6080	6080	6080	6080	6080	
5°	5488	5498	5538	5560	5565	478
15°	1981	1967	1922	2008	2050	543
25°	91	135	172	131	108	76
35°	10	11	11	12	11	8
45°	2	1	1	1	2	1
55°	1	0	0	0	1	1
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°	6079.6	6079.6	6079.6	6079.6	6079.6
1°	6054.6	6062.6	6053.6	6063.6	6062.6
2°	5991.5	5999.5	5988.5	5994.5	5994.5
3°	5862.5	5879.5	5889.5	5896.5	5902.5
4°	5692.4	5711.4	5726.4	5744.4	5744.4
5°	5488.3	5498.3	5538.4	5560.4	5565.4
6°	5245.2	5285.2	5315.3	5359.3	5332.3
7°	5002.1	5035.1	5077.2	5084.2	5103.2
8°	4726.0	4761.0	4800.0	4793.0	4777.0
9°	4389.9	4440.9	4486.9	4471.9	4491.9
10°	4078.7	4109.7	4107.7	4092.7	4126.8
11°	3717.6	3724.6	3685.6	3746.6	3709.6
12°	3289.4	3295.4	3245.4	3305.4	3343.4
13°	2879.2	2865.2	2796.2	2875.2	2923.2
14°	2407.0	2412.0	2324.0	2477.1	2465.0
15°	1980.8	1966.8	1921.8	2007.9	2049.9
17.5°	1055.4	1064.5	1053.4	1096.5	1123.5
20°	544.2	559.2	553.2	571.2	559.2
22.5°	282.1	303.1	309.1	295.1	257.1
25°	91.0	135.1	172.1	131.1	108.0
27.5°	55.0	54.0	84.0	58.0	59.0
30°	34.0	33.0	35.0	35.0	36.0
32.5°	19.0	20.0	19.0	21.0	20.0
35°	10.0	11.0	11.0	12.0	11.0
37.5°	6.0	7.0	7.0	7.0	6.0
40°	3.0	4.0	4.0	3.0	3.0
42.5°	2.0	2.0	2.0	2.0	2.0
45°	2.0	1.0	1.0	1.0	2.0
47.5°	1.0	1.0	0.0	1.0	1.0
50°	1.0	1.0	0.0	1.0	1.0
52.5°	1.0	0.0	0.0	0.0	1.0
55°	1.0	0.0	0.0	0.0	1.0
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)