

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: P1316976

Luminaire Tested: P3SQAS09R309830DE010 E3SQPH1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316976
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS09R309830DE010 E3SQPH1MMS
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3SQPH1MMS TRIM
Light Source: -
Ballast/Driver: -

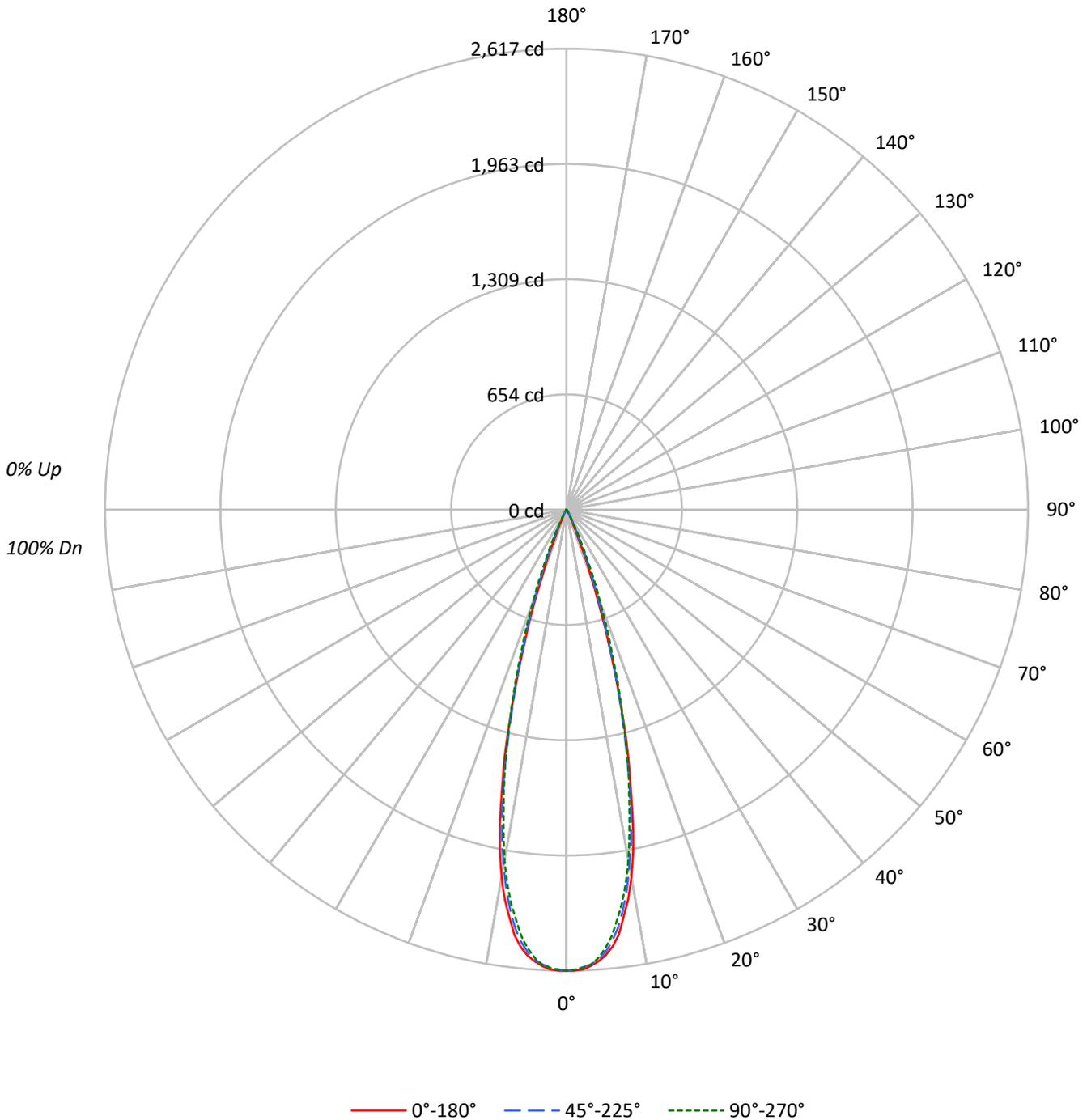
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 634.0 lumens
Efficiency: N/A
Efficacy: 57.6 lumens/watt
Spacing Criteria (0/90/45): 0.5 / 0.49 / 0.46
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
Input Voltage (V): NR
Input Current (A_{in}): 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									20
RC	80									70									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0																
RCR																																														
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99	97	97	97	97	97	97	97	97	97	97	100															
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	97	97	97	97	97	97	97	97	97	97	97	97	97															
2	112	108	105	103	110	107	104	102	104	101	100	101	99	98	98	97	96	94	94	93	92	92	92	92	92	92	92	92	92	92	94															
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92															
4	105	100	97	94	104	99	96	93	97	94	92	95	93	91	94	92	90	89	89	88	87	87	87	87	87	87	87	87	87	87	89															
5	102	97	93	90	101	96	93	90	95	91	89	93	90	88	92	89	88	87	87	87	87	87	87	87	87	87	87	87	87	87	87															
6	100	94	90	87	99	93	90	87	92	89	86	91	88	86	90	87	85	84	84	84	84	84	84	84	84	84	84	84	84	84	84															
7	97	91	87	84	96	91	87	84	90	86	84	88	86	83	88	85	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82															
8	95	89	85	82	94	88	84	82	87	84	82	86	83	81	86	83	81	80	80	80	80	80	80	80	80	80	80	80	80	80	80															
9	92	86	82	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	78	78	78	78	78	78	78	78	78	78	78	78	78															
10	90	84	80	78	90	84	80	78	83	80	77	82	79	77	82	79	77	76	76	76	76	76	76	76	76	76	76	76	76	76	76															

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	450621	450621	450621
5°	439030	436005	432409
10°	370500	359132	353291
15°	223265	217042	221036
20°	75729	87459	100875
25°	13910	21815	25768
30°	4793	5330	5986
35°	1388	1724	1829
40°	360	607	495
45°	122	122	122
50°	134	0	134
55°	0	0	0
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: 52.5°

Luminance: 141 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	226.3	35.7
10°-20°	330.7	52.2
20°-30°	70.0	11.0
30°-40°	6.4	1.0
40°-50°	0.6	0.1
50°-60°	0.0	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°	626.9	98.9
0°-40°	633.3	99.9
0°-60°	634.0	100.0
0°-90°	634.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	634.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2616	2616	2616	2616	2616	
5°	2540	2535	2522	2514	2501	229
15°	1252	1248	1217	1246	1240	330
25°	73	82	115	135	136	53
35°	7	8	8	10	9	5
45°	0	0	0	0	0	0
55°	0	0	0	0	0	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°	2616.5	2616.5	2616.5	2616.5	2616.5
1°	2617.1	2614.4	2610.5	2616.0	2612.2
2°	2611.6	2605.1	2599.6	2605.1	2603.4
3°	2595.2	2589.8	2585.9	2588.7	2588.7
4°	2570.6	2564.6	2561.3	2561.9	2553.7
5°	2539.5	2534.6	2522.0	2514.3	2501.2
6°	2493.6	2481.5	2466.2	2453.7	2436.7
7°	2431.2	2412.7	2390.8	2368.9	2347.6
8°	2331.2	2322.5	2293.0	2278.2	2256.9
9°	2237.2	2215.9	2184.2	2160.1	2148.7
10°	2118.6	2086.9	2053.6	2034.4	2020.2
11°	1978.1	1945.9	1919.1	1891.2	1869.4
12°	1813.1	1785.7	1755.1	1736.5	1710.8
13°	1617.4	1613.5	1579.1	1573.1	1569.8
14°	1449.6	1434.3	1400.4	1409.7	1411.9
15°	1252.2	1247.9	1217.3	1245.7	1239.7
17.5°	784.4	786.0	805.1	850.0	864.2
20°	413.2	425.8	477.2	531.3	550.4
22.5°	167.3	195.1	247.6	284.2	308.8
25°	73.2	82.0	114.8	135.0	135.6
27.5°	41.5	42.1	55.2	57.4	58.5
30°	24.1	24.6	26.8	28.4	30.1
32.5°	13.1	14.2	14.8	16.9	16.9
35°	6.6	8.2	8.2	9.8	8.7
37.5°	3.8	4.4	4.9	4.9	4.4
40°	1.6	2.2	2.7	2.7	2.2
42.5°	0.5	1.1	1.1	1.1	1.6
45°	0.5	0.5	0.5	0.5	0.5
47.5°	0.5	0.5	0.0	0.5	0.5
50°	0.5	0.0	0.0	0.0	0.5
52.5°	0.5	0.0	0.0	0.0	0.5
55°	0.0	0.0	0.0	0.0	0.0
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)