

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: P1318125

Luminaire Tested: P3SQAS17R259835DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318125
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R259835DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

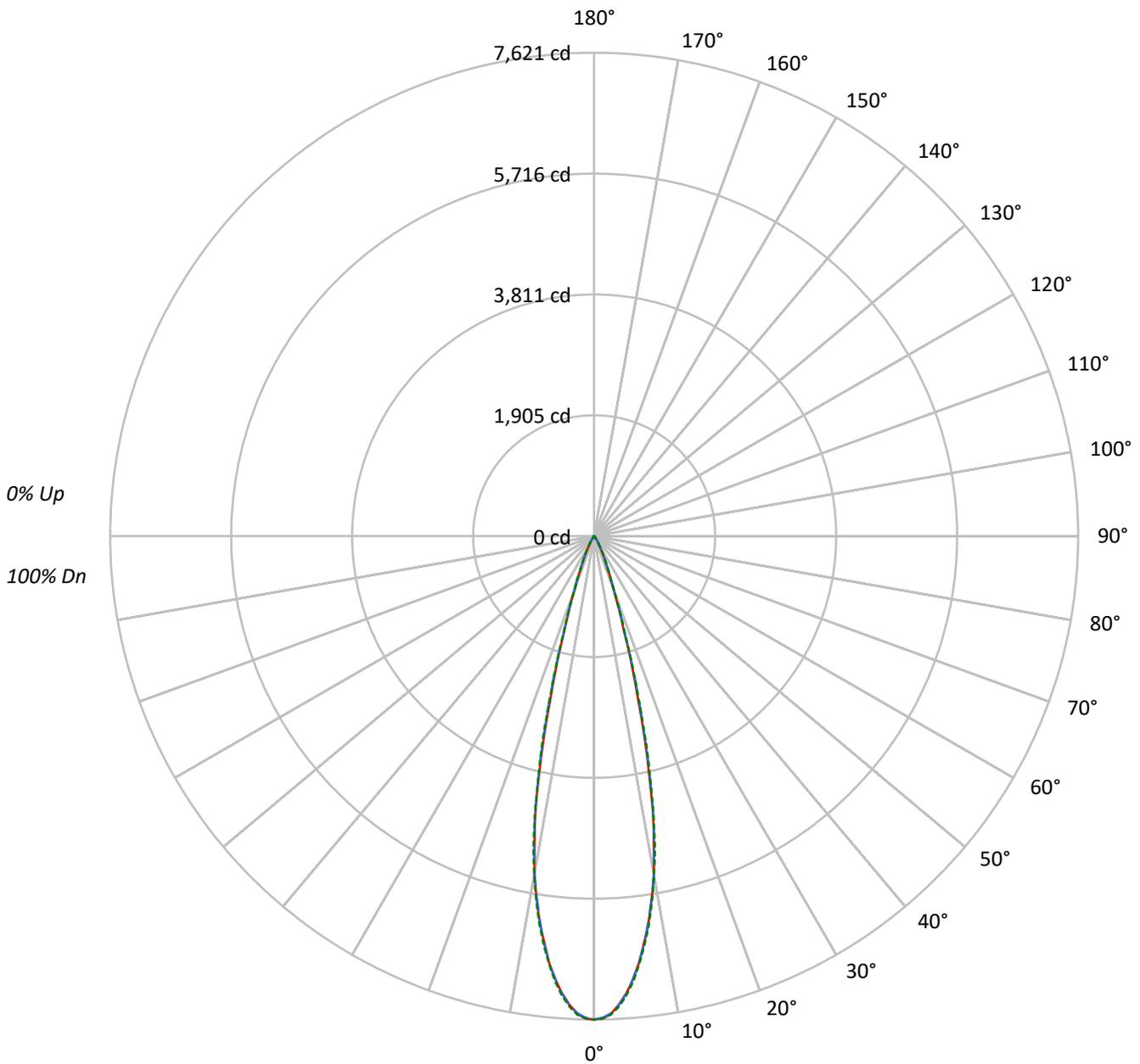
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1610.0 lumens
Efficiency: N/A
Efficacy: 78.9 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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



— 0°-180° - - 45°-225° ···· 90°-270°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	99	99	99	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	95	95	95	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	93	93	93	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	90	90	90	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	87	87	87	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	85	85	85	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	83	83	83	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	81	81	81	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	79	79	79	78
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77	77	77	77	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1312526	1312526	1312526
5°	1212342	1211910	1218704
10°	947025	944436	950872
15°	476430	496328	495882
20°	163024	167514	164820
25°	65502	73673	68315
30°	26588	31719	25853
35°	7737	13918	7737
40°	3575	6070	3575
45°	1193	2387	1193
50°	670	991	670
55°	751	751	751
60°	861	861	861
65°	489	489	489
70°	604	604	604
75°	799	799	799
80°	0	1190	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 2387 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	618.3	38.4
10°-20°	756.8	47.0
20°-30°	184.9	11.5
30°-40°	38.2	2.4
40°-50°	6.7	0.4
50°-60°	2.3	0.1
60°-70°	1.7	0.1
70°-80°	1.1	0.1
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°	1559.9	96.9
0°-40°	1598.1	99.3
0°-60°	1607.1	99.8
0°-90°	1610.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1610.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7621	7621	7621	7621	7621	
5°	7013	7019	7010	7025	7049	618
15°	2672	2717	2784	2796	2781	746
25°	345	361	388	366	360	176
35°	37	52	66	50	37	31
45°	5	7	10	7	5	5
55°	2	2	2	2	2	2
65°	1	2	1	1	1	2
75°	1	1	1	1	1	1
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°	7621.1	7621.1	7621.1	7621.1	7621.1
1°	7606.4	7596.6	7594.1	7595.3	7607.6
2°	7537.7	7531.6	7530.3	7534.0	7551.2
3°	7397.8	7405.2	7407.6	7419.9	7428.5
4°	7226.1	7240.8	7234.7	7249.4	7259.2
5°	7012.6	7018.7	7010.1	7024.9	7049.4
6°	6763.6	6741.5	6762.3	6768.5	6785.6
7°	6453.2	6458.1	6465.4	6472.8	6498.6
8°	6147.7	6133.0	6129.3	6163.6	6184.5
9°	5790.7	5793.1	5779.6	5818.9	5825.0
10°	5415.3	5384.6	5400.5	5431.2	5437.3
11°	4919.6	4911.0	4934.3	4982.2	5020.2
12°	4454.6	4459.6	4484.1	4500.0	4491.4
13°	3840.0	3876.8	3907.5	3923.4	3902.6
14°	3284.2	3284.2	3323.5	3329.6	3404.5
15°	2672.1	2717.4	2783.7	2796.0	2781.2
17.5°	1543.4	1549.5	1581.4	1580.2	1603.5
20°	889.5	898.0	914.0	910.3	899.3
22.5°	534.9	553.3	591.3	560.7	552.1
25°	344.7	360.7	387.7	365.6	359.5
27.5°	215.9	227.0	247.8	228.2	218.4
30°	133.7	139.9	159.5	141.1	130.0
32.5°	72.4	88.3	104.3	88.3	72.4
35°	36.8	51.5	66.2	50.3	36.8
37.5°	24.5	29.4	42.9	28.2	24.5
40°	15.9	19.6	27.0	19.6	15.9
42.5°	8.6	12.3	14.7	13.5	8.6
45°	4.9	7.4	9.8	7.4	4.9
47.5°	3.7	3.7	6.1	3.7	2.5
50°	2.5	2.5	3.7	2.5	2.5
52.5°	2.5	2.5	2.5	2.5	2.5
55°	2.5	2.5	2.5	2.5	2.5
57.5°	2.5	2.5	2.5	2.5	2.5
60°	2.5	2.5	2.5	2.5	2.5
62.5°	2.5	2.5	2.5	2.5	2.5
65°	1.2	2.5	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2
80°	0.0	0.0	1.2	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)