

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: P1316810

Luminaire Tested: P3SQAS05R259830DE010 E3SQCD1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1316810  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3SQAS05R259830DE010 E3SQCD1MMS  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3SQCD1MMS TRIM  
Light Source: -  
Ballast/Driver: -

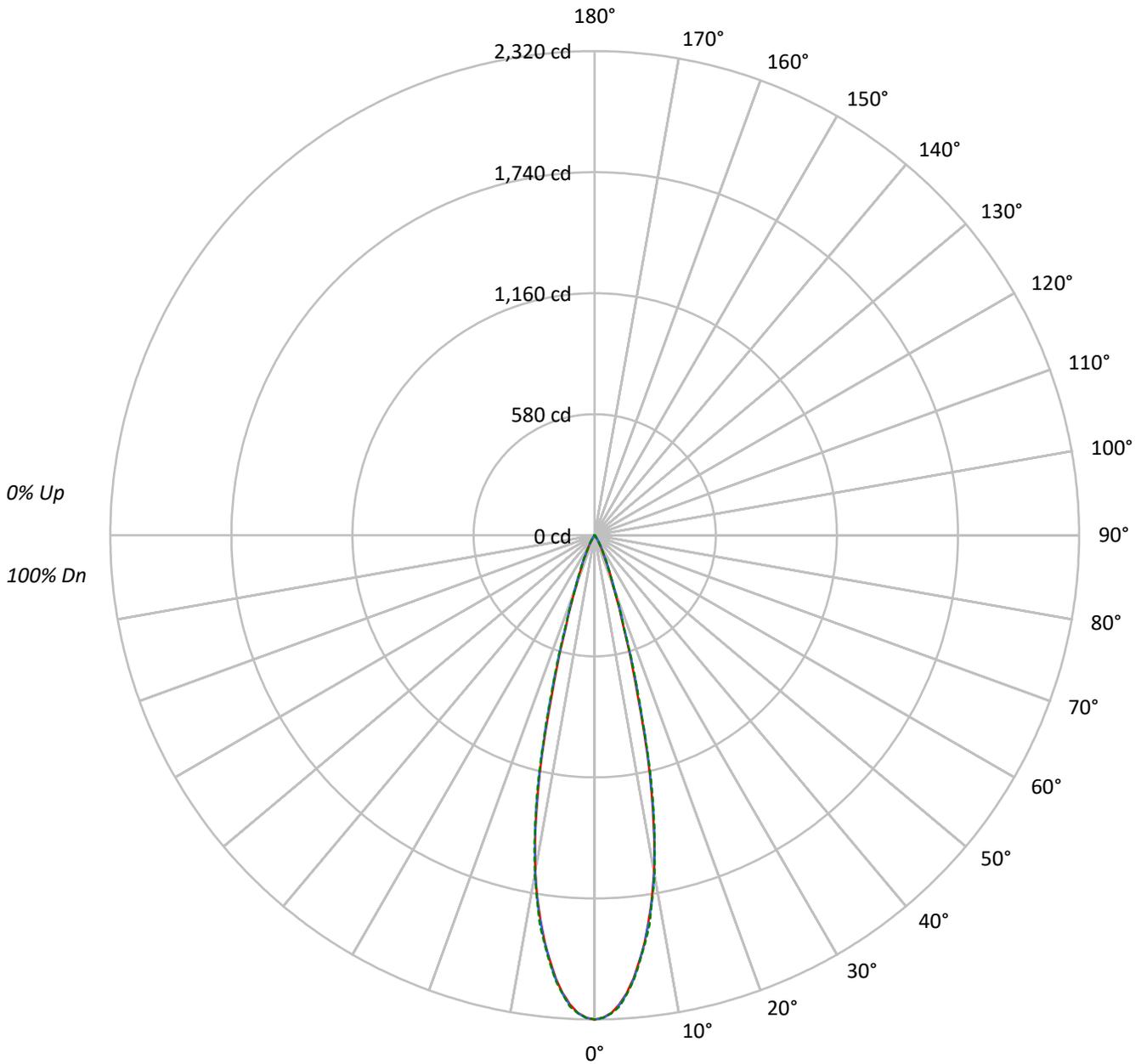
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 483.0 lumens  
Efficiency: N/A  
Efficacy: 67.1 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 7.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	97	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	84	84
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	82	82
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	80	80
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	78	78
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	77	77	77

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	399625	399625	399625
5°	368478	369307	370085
10°	286103	287135	288691
15°	141390	147328	147399
20°	47615	50804	48550
25°	19725	21891	20276
30°	7736	9725	7815
35°	2018	3974	2102
40°	742	1574	742
45°	97	463	97
50°	0	107	0
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: 45°  
 Vertical Angle: 45°  
 Luminance: 463 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	188.0	38.9
10°-20°	227.4	47.1
20°-30°	55.5	11.5
30°-40°	10.8	2.2
40°-50°	1.2	0.3
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
<b>0°-30°</b>	<b>471.0</b>	<b>97.5</b>
<b>0°-40°</b>	<b>481.8</b>	<b>99.7</b>
<b>0°-60°</b>	<b>483.0</b>	<b>100.0</b>
<b>0°-90°</b>	<b>483.0</b>	<b>100.0</b>
90°-120°	0.0	0.0
90°-150°	0.0	0.0
<b>90°-180°</b>	<b>0.0</b>	<b>0.0</b>
<b>0°-180°</b>	<b>483.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2320	2320	2320	2320	2320	
5°	2131	2134	2136	2146	2141	187
15°	793	812	826	834	827	223
25°	104	109	115	110	107	53
35°	10	14	19	14	10	9
45°	0	1	2	1	0	1
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°	2320.4	2320.4	2320.4	2320.4	2320.4
1°	2311.5	2313.0	2313.4	2315.6	2311.1
2°	2290.4	2290.8	2291.9	2296.3	2292.2
3°	2251.5	2254.1	2254.5	2260.4	2261.5
4°	2198.5	2200.0	2202.9	2212.9	2204.1
5°	2131.4	2134.4	2136.2	2145.5	2140.7
6°	2048.4	2049.2	2053.2	2064.0	2057.3
7°	1963.9	1963.6	1963.9	1972.5	1970.6
8°	1862.0	1860.2	1866.1	1876.5	1883.5
9°	1755.7	1758.3	1762.0	1772.0	1763.8
10°	1636.0	1643.0	1641.9	1642.7	1650.8
11°	1498.2	1500.4	1500.7	1508.5	1507.4
12°	1336.2	1336.2	1348.4	1361.0	1357.0
13°	1172.8	1184.3	1176.1	1178.7	1195.0
14°	982.3	991.2	1002.3	1012.7	1004.6
15°	793.0	811.9	826.3	834.5	826.7
17.5°	454.3	460.6	472.8	474.3	469.5
20°	259.8	267.5	277.2	274.2	264.9
22.5°	163.4	165.6	175.3	170.5	168.2
25°	103.8	109.3	115.2	110.4	106.7
27.5°	64.5	68.2	74.5	69.3	65.2
30°	38.9	42.2	48.9	41.9	39.3
32.5°	20.4	25.2	30.8	25.6	20.4
35°	9.6	13.7	18.9	13.7	10.0
37.5°	5.9	7.4	11.5	7.4	5.9
40°	3.3	4.8	7.0	4.8	3.3
42.5°	1.5	2.6	3.3	2.6	1.9
45°	0.4	1.1	1.9	1.1	0.4
47.5°	0.0	0.0	1.1	0.4	0.0
50°	0.0	0.0	0.4	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
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)