

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: P1308544

Luminaire Tested: P3SQAS24R709030D010 E3SQCLDWW1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308544
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R709030D010 E3SQCLDWW1MMS
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3SQCLDWW1MMS TR
Light Source: -
Ballast/Driver: -

Summary

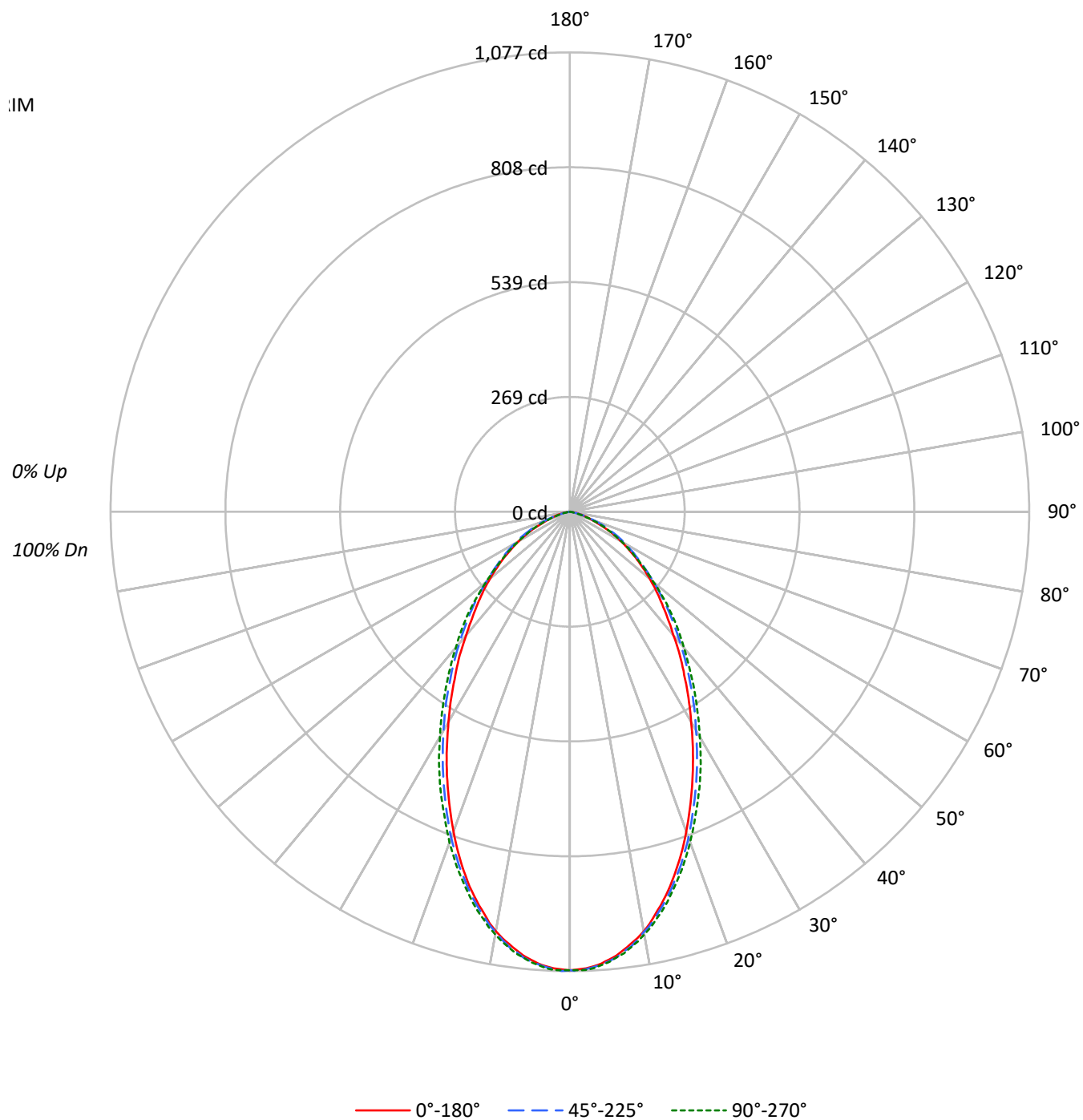
Lumens per Lamp: N/A
Luminaire Lumens: 1539.0 lumens
Efficiency: N/A
Efficacy: 53.4 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	111	108	104	102	109	106	103	100	101	99	97		98	96	94		94
2	103	97	92	87	101	95	90	86	92	88	84		89	85	82		86
3	96	87	81	76	94	86	80	75	83	78	74		81	76	72		78
4	89	79	72	66	87	78	71	66	76	70	65		74	69	64		72
5	83	72	65	59	81	71	64	59	69	63	58		67	62	58		66
6	78	66	59	53	76	65	58	53	64	57	53		62	56	52		61
7	73	61	53	48	71	60	53	48	59	52	48		58	52	47		56
8	68	57	49	44	67	56	49	44	55	48	44		53	48	43		52
9	64	53	45	40	63	52	45	40	51	45	40		50	44	40		49
10	61	49	42	37	60	49	42	37	48	41	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	185139	185139	185139
5°	182216	182873	183219
10°	174652	174984	175981
15°	162055	163410	164783
20°	146291	149076	151184
25°	129541	133171	136439
30°	113155	117709	121129
35°	98353	103567	106783
40°	85005	90580	93593
45°	74407	79522	81860
50°	65482	68564	68564
55°	56749	59632	57920
60°	48016	51288	48670
65°	37369	42789	38918
70°	26940	31723	26940
75°	20362	19031	15238
80°	13290	9422	3769
85°	3754	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 81860 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.1	6.4
10°-20°	255.8	16.6
20°-30°	321.2	20.9
30°-40°	306.7	19.9
40°-50°	249.4	16.2
50°-60°	174.6	11.3
60°-70°	98.6	6.4
70°-80°	31.2	2.0
80°-90°	2.4	0.2
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°	676.1	43.9
0°-40°	982.8	63.9
0°-60°	1406.8	91.4
0°-90°	1539.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1539.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1075	1075	1075	1075	1075	
5°	1054	1056	1058	1056	1060	99
15°	909	911	916	918	924	254
25°	682	689	701	712	718	313
35°	468	476	493	502	508	293
45°	306	313	326	332	336	237
55°	189	191	199	195	193	169
65°	92	97	105	99	96	92
75°	31	31	29	25	23	33
85°	2	2	0	0	0	4
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1075.0	1075.0	1075.0	1075.0	1075.0
1°	1073.1	1075.0	1076.9	1073.1	1075.0
2°	1071.2	1073.1	1073.1	1071.2	1075.0
3°	1067.4	1069.3	1069.3	1067.4	1071.2
4°	1061.7	1063.6	1063.6	1061.7	1065.5
5°	1054.0	1055.9	1057.8	1055.9	1059.8
6°	1046.4	1048.3	1050.2	1048.3	1050.2
7°	1034.9	1038.7	1038.7	1038.7	1042.6
8°	1023.5	1027.3	1029.2	1027.3	1031.1
9°	1012.0	1013.9	1015.8	1015.8	1019.7
10°	998.7	1000.6	1000.6	1002.5	1006.3
11°	983.4	983.4	987.2	987.2	992.9
12°	964.3	966.2	970.0	971.9	975.7
13°	947.1	949.0	952.8	954.7	960.5
14°	928.0	931.8	935.6	937.5	943.3
15°	908.9	910.8	916.5	918.5	924.2
17.5°	855.4	857.4	866.9	870.7	876.4
20°	798.2	803.9	813.4	819.2	824.9
22.5°	739.0	744.7	756.1	765.7	769.5
25°	681.7	689.3	700.8	712.2	718.0
27.5°	624.4	632.0	645.4	656.9	664.5
30°	569.0	576.7	591.9	601.5	609.1
32.5°	517.5	525.1	542.3	551.8	557.6
35°	467.8	475.5	492.6	502.2	507.9
37.5°	423.9	431.5	446.8	456.4	460.2
40°	378.1	387.6	402.9	412.4	416.3
42.5°	339.9	347.5	362.8	370.4	376.2
45°	305.5	313.2	326.5	332.2	336.1
47.5°	275.0	278.8	290.2	292.1	296.0
50°	244.4	248.2	255.9	257.8	255.9
52.5°	215.8	219.6	225.3	223.4	223.4
55°	189.0	190.9	198.6	194.8	192.9
57.5°	162.3	166.1	173.8	168.0	166.1
60°	139.4	143.2	148.9	145.1	141.3
62.5°	116.5	118.4	127.9	120.3	116.5
65°	91.7	97.4	105.0	99.3	95.5
67.5°	68.7	78.3	85.9	78.3	74.5
70°	53.5	57.3	63.0	59.2	53.5
72.5°	40.1	42.0	43.9	40.1	36.3
75°	30.6	30.6	28.6	24.8	22.9
77.5°	21.0	21.0	17.2	11.5	11.5
80°	13.4	13.4	9.5	3.8	3.8
82.5°	5.7	5.7	3.8	1.9	1.9
85°	1.9	1.9	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)