

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: P1310635

Luminaire Tested: P3SQAS20R709040D010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310635
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRIS
Catalog Number: P3SQAS20R709040D010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

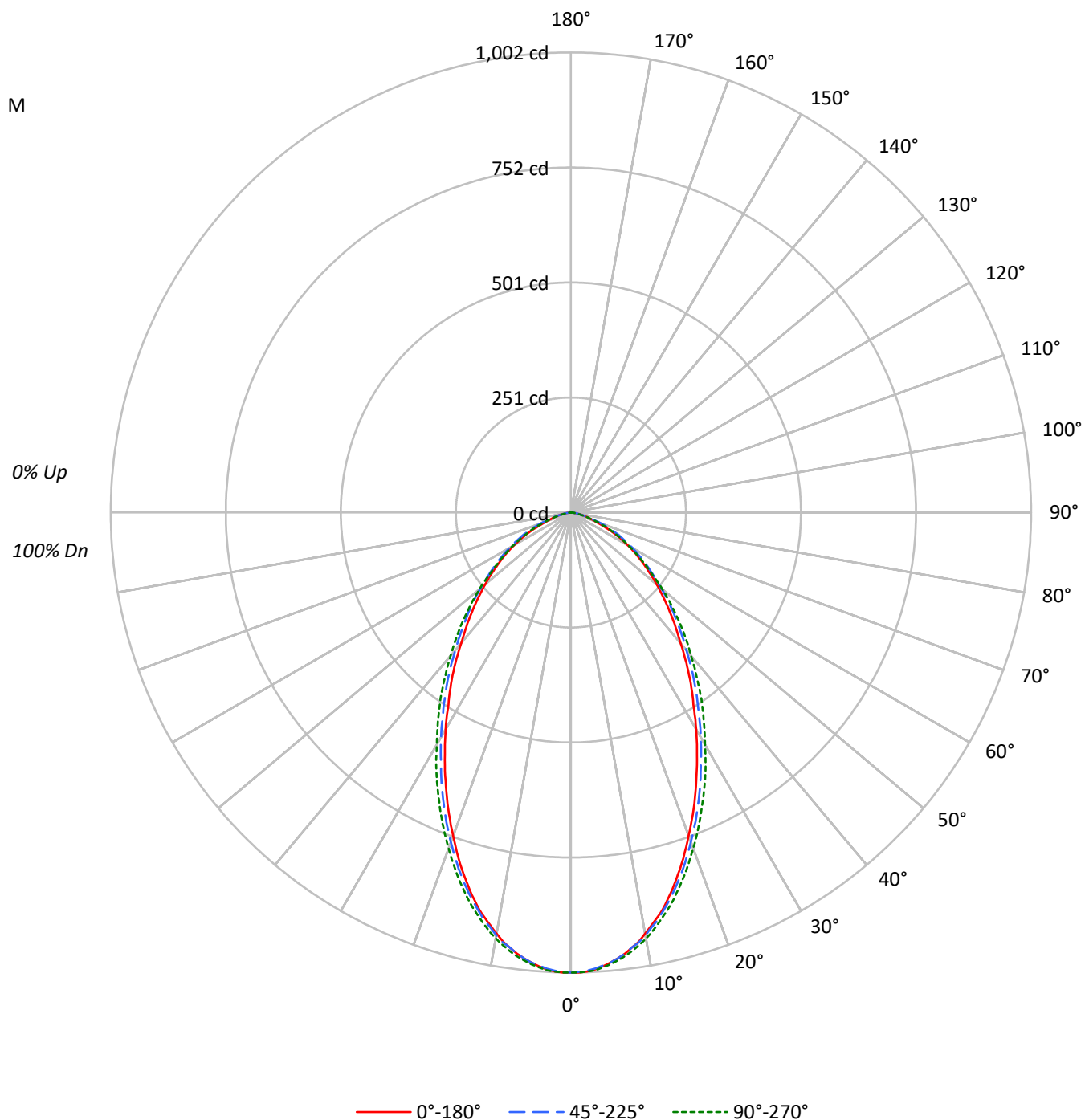
Lumens per Lamp: N/A
Luminaire Lumens: 1505.0 lumens
Efficiency: N/A
Efficacy: 52.3 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	107	104	101	109	105	102	99	101	98	96		97	95	93		94
2	103	96	91	86	101	95	89	85	91	87	83		88	84	81		85
3	95	87	80	75	93	85	79	74	82	77	73		80	75	71		77
4	89	78	71	65	87	77	70	65	75	69	64		73	67	63		71
5	83	71	64	58	81	70	63	58	68	62	57		67	61	57		65
6	77	65	58	52	75	64	57	52	63	56	51		61	55	51		60
7	72	60	52	47	70	59	52	47	58	51	47		57	51	46		55
8	68	56	48	43	66	55	48	43	54	47	42		53	47	42		51
9	64	52	44	39	62	51	44	39	50	44	39		49	43	39		48
10	60	48	41	36	59	48	41	36	47	40	36		46	40	36		45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	172619	172619	172619
5°	170132	170132	170771
10°	162883	163512	164789
15°	151785	153087	155030
20°	137365	140022	142698
25°	122719	126178	129636
30°	108521	112498	116118
35°	95619	99824	104029
40°	83431	87927	91614
45°	73993	77988	80643
50°	65322	68724	69689
55°	57350	60623	59001
60°	49497	53251	50737
65°	39284	45968	41526
70°	28400	35701	31119
75°	21759	23023	19364
80°	14480	14480	10811
85°	7114	7114	7114

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 80643 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.4	6.1
10°-20°	239.9	15.9
20°-30°	304.8	20.3
30°-40°	296.5	19.7
40°-50°	246.5	16.4
50°-60°	177.8	11.8
60°-70°	104.6	7.0
70°-80°	37.1	2.5
80°-90°	5.4	0.4
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°	637.1	42.3
0°-40°	933.6	62.0
0°-60°	1357.9	90.2
0°-90°	1505.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1505.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1002	1002	1002	1002	1002	
5°	984	982	984	984	988	92
15°	851	851	859	864	870	237
25°	646	653	664	677	682	297
35°	455	460	475	488	495	284
45°	304	309	320	327	331	235
55°	191	196	202	200	196	172
65°	96	104	113	107	102	96
75°	33	35	35	31	29	36
85°	4	4	4	4	4	5
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1002.3	1002.3	1002.3	1002.3	1002.3
1°	1002.3	1000.5	1000.5	1000.5	1002.3
2°	1000.5	998.7	998.7	998.7	1000.5
3°	996.9	995.0	995.0	995.0	998.7
4°	991.4	987.8	989.6	989.6	993.2
5°	984.1	982.3	984.1	984.1	987.8
6°	976.8	975.0	976.8	976.8	980.5
7°	967.8	965.9	967.8	969.6	973.2
8°	956.8	955.0	956.8	958.7	964.1
9°	945.9	944.1	947.7	949.6	953.2
10°	931.4	931.4	935.0	936.8	942.3
11°	916.8	916.8	920.5	924.1	929.5
12°	902.3	902.3	907.7	911.4	915.0
13°	887.7	885.9	891.3	895.0	900.4
14°	869.5	867.7	875.0	880.4	885.9
15°	851.3	851.3	858.6	864.1	869.5
17.5°	802.2	804.0	813.1	820.4	825.9
20°	749.5	754.9	764.0	773.1	778.6
22.5°	698.5	702.2	714.9	725.8	731.3
25°	645.8	653.0	664.0	676.7	682.2
27.5°	594.8	602.1	613.0	625.8	634.9
30°	545.7	551.2	565.7	578.5	583.9
32.5°	496.6	503.9	518.4	531.2	538.4
35°	454.8	460.2	474.8	487.5	494.8
37.5°	412.9	418.4	432.9	443.9	449.3
40°	371.1	380.2	391.1	402.0	407.5
42.5°	336.5	343.8	354.7	363.8	369.3
45°	303.8	309.2	320.2	327.4	331.1
47.5°	272.9	278.3	289.2	292.9	294.7
50°	243.8	249.2	256.5	258.3	260.1
52.5°	216.5	220.1	227.4	227.4	225.6
55°	191.0	196.5	201.9	200.1	196.5
57.5°	167.4	169.2	178.3	174.6	171.0
60°	143.7	147.3	154.6	151.0	147.3
62.5°	120.1	123.7	132.8	129.2	123.7
65°	96.4	103.7	112.8	107.3	101.9
67.5°	72.8	81.9	91.0	85.5	81.9
70°	56.4	63.7	70.9	65.5	61.8
72.5°	43.7	47.3	50.9	47.3	43.7
75°	32.7	34.6	34.6	30.9	29.1
77.5°	23.6	25.5	21.8	18.2	18.2
80°	14.6	16.4	14.6	10.9	10.9
82.5°	7.3	9.1	7.3	7.3	7.3
85°	3.6	3.6	3.6	3.6	3.6
87.5°	1.8	1.8	1.8	1.8	1.8



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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)