

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: P1315589

Luminaire Tested: P3SQAS17R709740DE010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315589
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: P3SQAS17R709740DE010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 97CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

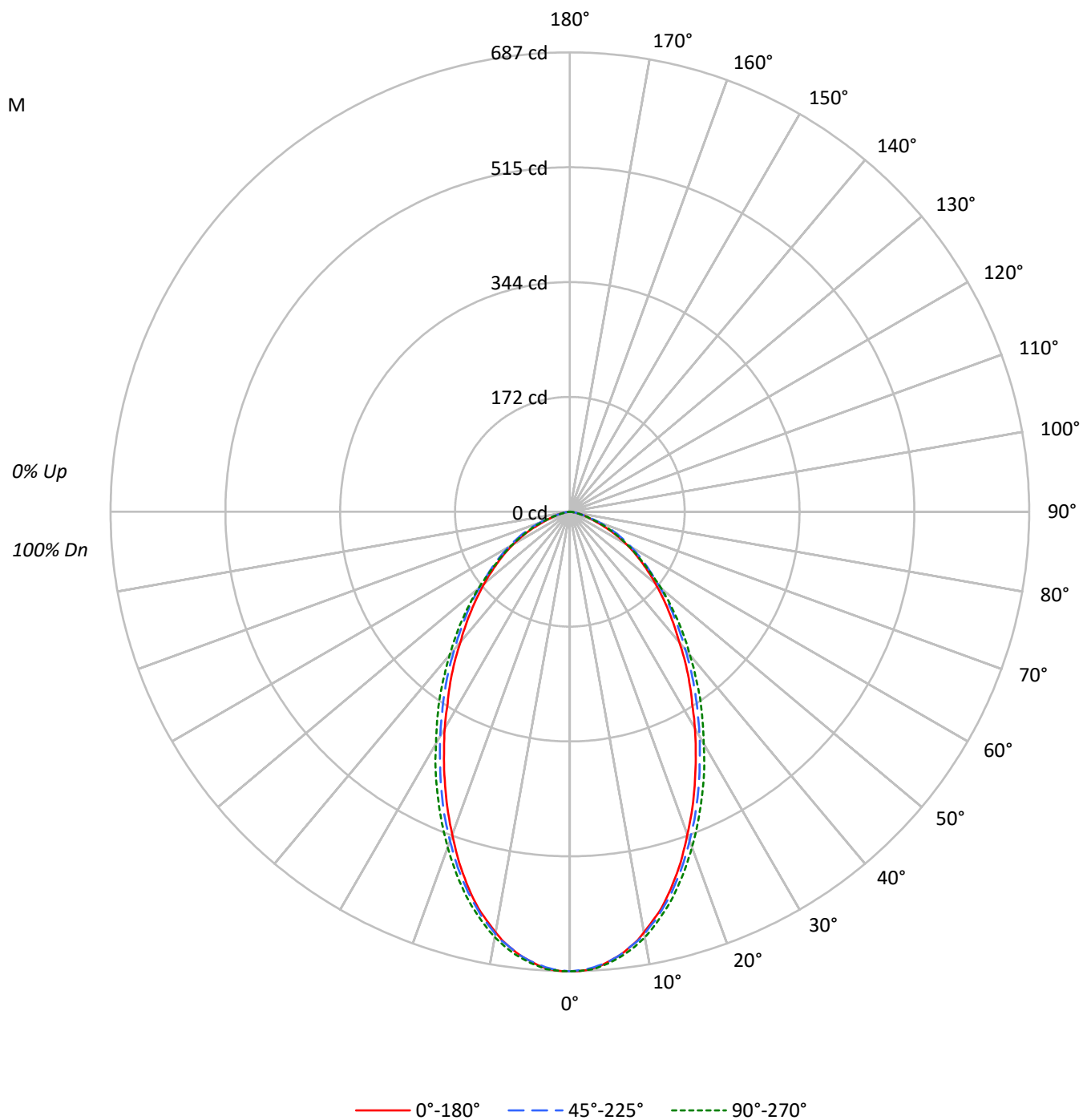
Lumens per Lamp: N/A
Luminaire Lumens: 1032.0 lumens
Efficiency: N/A
Efficacy: 48.7 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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°	118369	118369	118369
5°	116660	116660	117092
10°	111696	112115	112990
15°	104090	104982	106301
20°	94185	96018	97851
25°	84144	86519	88894
30°	74415	77140	79626
35°	65554	68456	71336
40°	57217	60297	62815
45°	50733	53461	55288
50°	44771	47129	47799
55°	39334	41586	40445
60°	33928	36511	34789
65°	26937	31501	28485
70°	19487	24472	21350
75°	14972	15770	13308
80°	9918	9918	7438
85°	4940	4940	4940

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 55288 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.3	6.1
10°-20°	164.5	15.9
20°-30°	209.0	20.3
30°-40°	203.3	19.7
40°-50°	169.0	16.4
50°-60°	121.9	11.8
60°-70°	71.7	7.0
70°-80°	25.4	2.5
80°-90°	3.7	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°	436.8	42.3
0°-40°	640.2	62.0
0°-60°	931.1	90.2
0°-90°	1032.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1032.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	687	687	687	687	687	
5°	675	674	675	675	677	63
15°	584	584	589	592	596	163
25°	443	448	455	464	468	203
35°	312	316	326	334	339	195
45°	208	212	220	224	227	161
55°	131	135	138	137	135	118
65°	66	71	77	74	70	66
75°	22	24	24	21	20	24
85°	2	2	2	2	2	4
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	687.3	687.3	687.3	687.3	687.3
1°	687.3	686.1	686.1	686.1	687.3
2°	686.1	684.8	684.8	684.8	686.1
3°	683.6	682.3	682.3	682.3	684.8
4°	679.8	677.3	678.6	678.6	681.1
5°	674.8	673.6	674.8	674.8	677.3
6°	669.8	668.6	669.8	669.8	672.3
7°	663.6	662.4	663.6	664.8	667.3
8°	656.1	654.9	656.1	657.4	661.1
9°	648.6	647.4	649.9	651.1	653.6
10°	638.7	638.7	641.1	642.4	646.1
11°	628.7	628.7	631.2	633.7	637.4
12°	618.7	618.7	622.4	624.9	627.4
13°	608.7	607.5	611.2	613.7	617.4
14°	596.2	595.0	600.0	603.7	607.5
15°	583.8	583.8	588.8	592.5	596.2
17.5°	550.1	551.3	557.6	562.6	566.3
20°	513.9	517.7	523.9	530.1	533.9
22.5°	479.0	481.5	490.2	497.7	501.4
25°	442.8	447.8	455.3	464.0	467.8
27.5°	407.9	412.9	420.4	429.1	435.3
30°	374.2	378.0	387.9	396.7	400.4
32.5°	340.5	345.5	355.5	364.2	369.2
35°	311.8	315.6	325.6	334.3	339.3
37.5°	283.2	286.9	296.9	304.4	308.1
40°	254.5	260.7	268.2	275.7	279.4
42.5°	230.8	235.8	243.2	249.5	253.2
45°	208.3	212.1	219.5	224.5	227.0
47.5°	187.1	190.8	198.3	200.8	202.1
50°	167.1	170.9	175.9	177.1	178.4
52.5°	148.4	150.9	155.9	155.9	154.7
55°	131.0	134.7	138.5	137.2	134.7
57.5°	114.8	116.0	122.2	119.7	117.3
60°	98.5	101.0	106.0	103.5	101.0
62.5°	82.3	84.8	91.1	88.6	84.8
65°	66.1	71.1	77.3	73.6	69.9
67.5°	49.9	56.1	62.4	58.6	56.1
70°	38.7	43.7	48.6	44.9	42.4
72.5°	29.9	32.4	34.9	32.4	29.9
75°	22.5	23.7	23.7	21.2	20.0
77.5°	16.2	17.5	15.0	12.5	12.5
80°	10.0	11.2	10.0	7.5	7.5
82.5°	5.0	6.2	5.0	5.0	5.0
85°	2.5	2.5	2.5	2.5	2.5
87.5°	1.2	1.2	1.2	1.2	1.2



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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)