

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: P1314617

Luminaire Tested: P3SQAS17R709735DE010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314617
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: P3SQAS17R709735DE010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 97CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

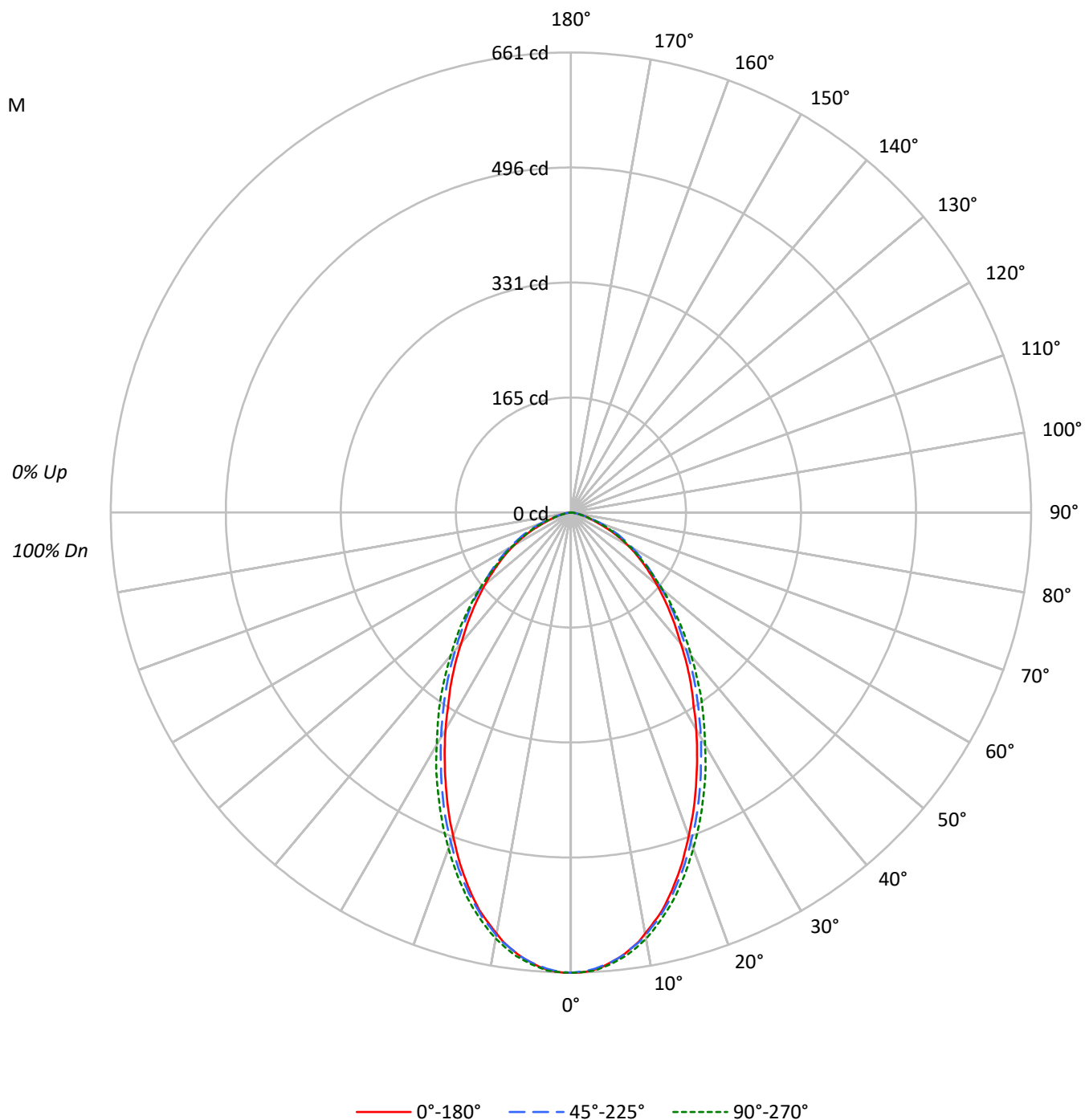
Lumens per Lamp: N/A
Luminaire Lumens: 993.0 lumens
Efficiency: N/A
Efficacy: 46.8 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	113891	113891	113891
5°	112251	112251	112666
10°	107463	107883	108723
15°	100150	101006	102290
20°	90630	92389	94149
25°	80970	83251	85531
30°	71611	74237	76623
35°	63095	65870	68645
40°	55036	58004	60454
45°	48809	51440	53193
50°	43083	45334	45977
55°	37833	39995	38914
60°	32653	35133	33480
65°	25918	30319	27385
70°	18732	23566	20545
75°	14373	15172	12776
80°	9521	9521	7141
85°	4742	4742	4742

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 53193 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.0	6.1
10°-20°	158.3	15.9
20°-30°	201.1	20.3
30°-40°	195.7	19.7
40°-50°	162.6	16.4
50°-60°	117.3	11.8
60°-70°	69.0	6.9
70°-80°	24.4	2.5
80°-90°	3.6	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°	420.3	42.3
0°-40°	616.0	62.0
0°-60°	895.9	90.2
0°-90°	993.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	993.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	661	661	661	661	661	
5°	649	648	649	649	652	61
15°	562	562	566	570	574	157
25°	426	431	438	446	450	196
35°	300	304	313	322	326	188
45°	200	204	211	216	218	155
55°	126	130	133	132	130	113
65°	64	68	74	71	67	63
75°	22	23	23	20	19	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°	661.3	661.3	661.3	661.3	661.3
1°	661.3	660.1	660.1	660.1	661.3
2°	660.1	658.9	658.9	658.9	660.1
3°	657.7	656.5	656.5	656.5	658.9
4°	654.1	651.7	652.9	652.9	655.3
5°	649.3	648.1	649.3	649.3	651.7
6°	644.5	643.3	644.5	644.5	646.9
7°	638.5	637.3	638.5	639.7	642.1
8°	631.3	630.1	631.3	632.5	636.1
9°	624.1	622.9	625.3	626.5	628.9
10°	614.5	614.5	616.9	618.1	621.7
11°	604.9	604.9	607.3	609.7	613.3
12°	595.3	595.3	598.9	601.3	603.7
13°	585.7	584.5	588.1	590.5	594.1
14°	573.7	572.5	577.3	580.9	584.5
15°	561.7	561.7	566.5	570.1	573.7
17.5°	529.3	530.5	536.5	541.3	544.9
20°	494.5	498.1	504.1	510.1	513.7
22.5°	460.9	463.3	471.7	478.9	482.5
25°	426.1	430.9	438.1	446.5	450.1
27.5°	392.5	397.3	404.5	412.9	418.9
30°	360.1	363.7	373.3	381.7	385.3
32.5°	327.7	332.5	342.1	350.5	355.3
35°	300.1	303.7	313.3	321.7	326.5
37.5°	272.5	276.1	285.7	292.9	296.5
40°	244.8	250.8	258.0	265.3	268.9
42.5°	222.0	226.8	234.0	240.0	243.6
45°	200.4	204.0	211.2	216.0	218.4
47.5°	180.0	183.6	190.8	193.2	194.4
50°	160.8	164.4	169.2	170.4	171.6
52.5°	142.8	145.2	150.0	150.0	148.8
55°	126.0	129.6	133.2	132.0	129.6
57.5°	110.4	111.6	117.6	115.2	112.8
60°	94.8	97.2	102.0	99.6	97.2
62.5°	79.2	81.6	87.6	85.2	81.6
65°	63.6	68.4	74.4	70.8	67.2
67.5°	48.0	54.0	60.0	56.4	54.0
70°	37.2	42.0	46.8	43.2	40.8
72.5°	28.8	31.2	33.6	31.2	28.8
75°	21.6	22.8	22.8	20.4	19.2
77.5°	15.6	16.8	14.4	12.0	12.0
80°	9.6	10.8	9.6	7.2	7.2
82.5°	4.8	6.0	4.8	4.8	4.8
85°	2.4	2.4	2.4	2.4	2.4
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)