

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: P1313645

Luminaire Tested: P3SQAS17R709730DE010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313645
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: P3SQAS17R709730DE010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

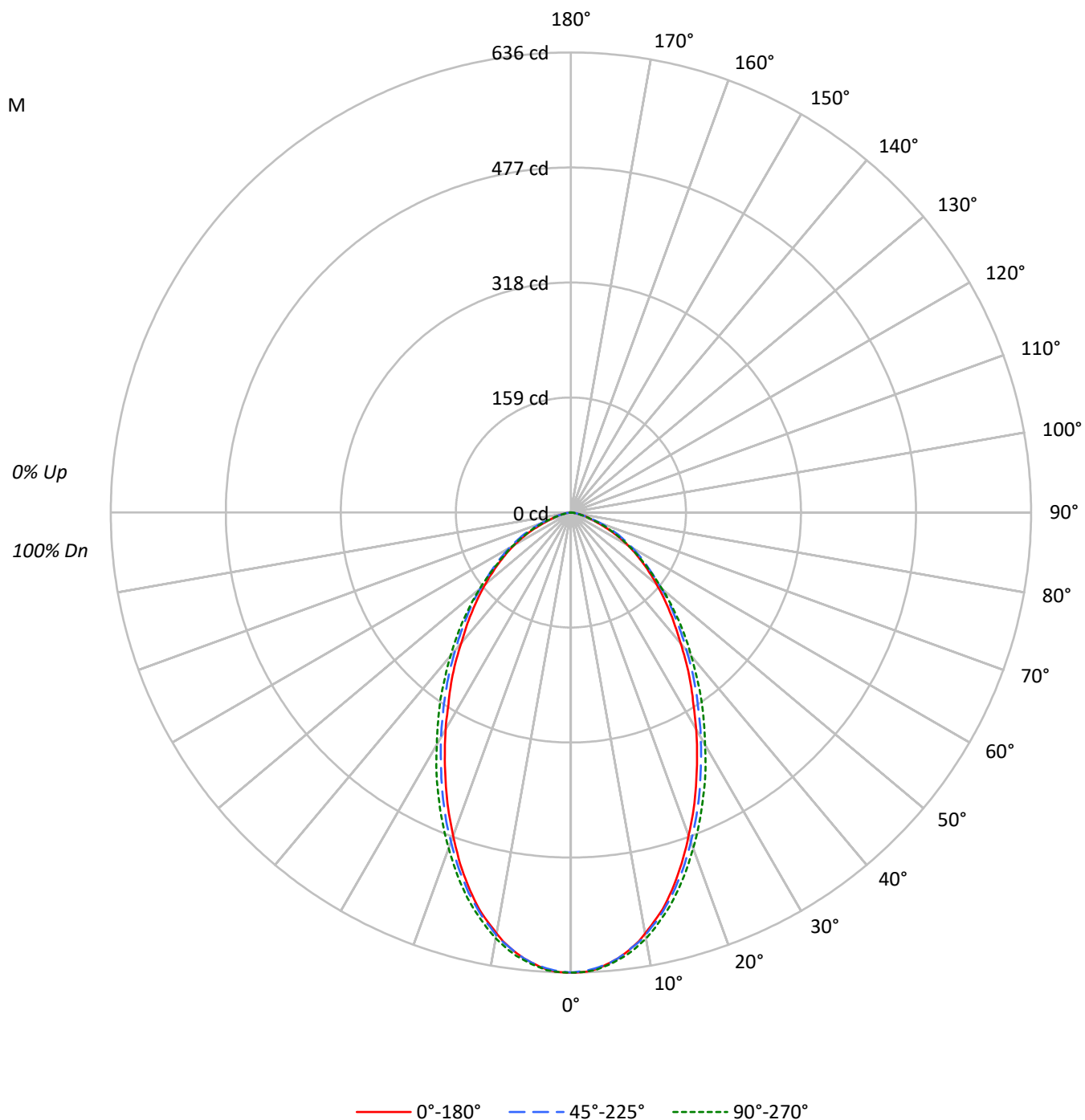
Lumens per Lamp: N/A
Luminaire Lumens: 955.0 lumens
Efficiency: N/A
Efficacy: 45.0 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	109534	109534	109534
5°	107964	107964	108361
10°	103354	103756	104560
15°	96317	97137	98385
20°	87166	88852	90538
25°	77873	80058	82263
30°	68867	71393	73680
35°	60677	63347	66017
40°	52945	55800	58139
45°	46958	49491	51172
50°	41449	43619	44235
55°	36392	38463	37443
60°	31413	33790	32206
65°	24940	29178	26325
70°	18027	22660	19739
75°	13841	14573	12310
80°	9124	9124	6843
85°	4545	4545	4545

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 51172 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.6	6.1
10°-20°	152.2	15.9
20°-30°	193.4	20.3
30°-40°	188.2	19.7
40°-50°	156.4	16.4
50°-60°	112.8	11.8
60°-70°	66.4	7.0
70°-80°	23.5	2.5
80°-90°	3.5	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°	404.3	42.3
0°-40°	592.4	62.0
0°-60°	861.7	90.2
0°-90°	955.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	955.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	636	636	636	636	636	
5°	624	623	624	624	627	59
15°	540	540	545	548	552	151
25°	410	414	421	429	433	188
35°	289	292	301	309	314	180
45°	193	196	203	208	210	149
55°	121	125	128	127	125	109
65°	61	66	72	68	65	61
75°	21	22	22	20	18	23
85°	2	2	2	2	2	3
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	636.0	636.0	636.0	636.0	636.0
1°	636.0	634.9	634.9	634.9	636.0
2°	634.9	633.7	633.7	633.7	634.9
3°	632.6	631.4	631.4	631.4	633.7
4°	629.1	626.8	627.9	627.9	630.2
5°	624.5	623.3	624.5	624.5	626.8
6°	619.9	618.7	619.9	619.9	622.2
7°	614.1	612.9	614.1	615.2	617.6
8°	607.2	606.0	607.2	608.3	611.8
9°	600.2	599.1	601.4	602.5	604.9
10°	591.0	591.0	593.3	594.5	597.9
11°	581.8	581.8	584.1	586.4	589.8
12°	572.5	572.5	576.0	578.3	580.6
13°	563.3	562.1	565.6	567.9	571.4
14°	551.8	550.6	555.2	558.7	562.1
15°	540.2	540.2	544.8	548.3	551.8
17.5°	509.0	510.2	516.0	520.6	524.1
20°	475.6	479.0	484.8	490.6	494.0
22.5°	443.3	445.6	453.6	460.6	464.0
25°	409.8	414.4	421.3	429.4	432.9
27.5°	377.5	382.1	389.0	397.1	402.9
30°	346.3	349.8	359.0	367.1	370.5
32.5°	315.1	319.7	329.0	337.1	341.7
35°	288.6	292.0	301.3	309.4	314.0
37.5°	262.0	265.5	274.7	281.6	285.1
40°	235.5	241.2	248.2	255.1	258.6
42.5°	213.5	218.2	225.1	230.9	234.3
45°	192.8	196.2	203.2	207.8	210.1
47.5°	173.1	176.6	183.5	185.8	187.0
50°	154.7	158.1	162.8	163.9	165.1
52.5°	137.4	139.7	144.3	144.3	143.1
55°	121.2	124.7	128.1	127.0	124.7
57.5°	106.2	107.3	113.1	110.8	108.5
60°	91.2	93.5	98.1	95.8	93.5
62.5°	76.2	78.5	84.3	82.0	78.5
65°	61.2	65.8	71.6	68.1	64.6
67.5°	46.2	51.9	57.7	54.3	51.9
70°	35.8	40.4	45.0	41.6	39.2
72.5°	27.7	30.0	32.3	30.0	27.7
75°	20.8	21.9	21.9	19.6	18.5
77.5°	15.0	16.2	13.9	11.5	11.5
80°	9.2	10.4	9.2	6.9	6.9
82.5°	4.6	5.8	4.6	4.6	4.6
85°	2.3	2.3	2.3	2.3	2.3
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)