

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: P1313006

Luminaire Tested: P3SQAS02R709730DE010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313006
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: P3SQAS02R709730DE010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

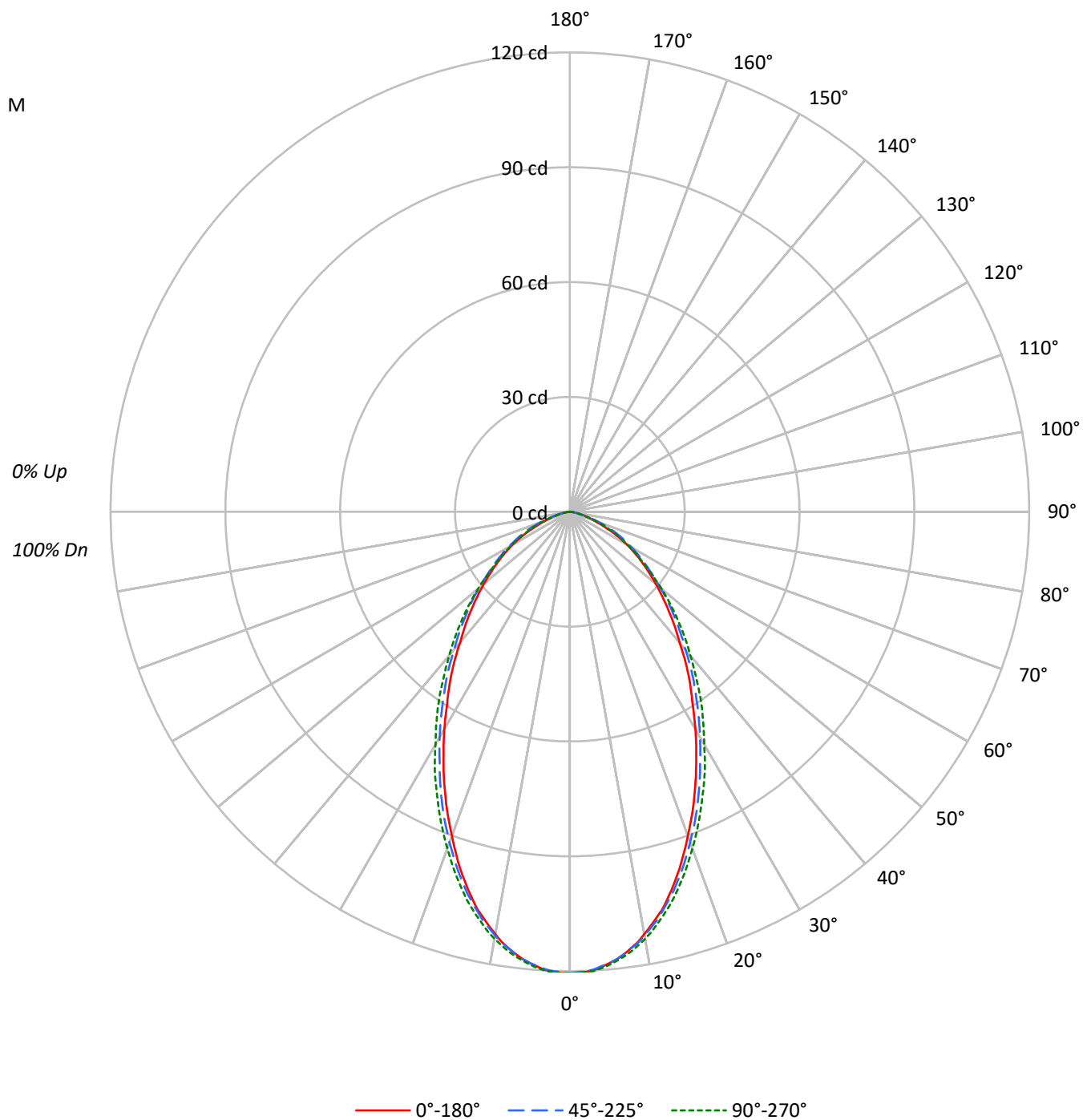
Lumens per Lamp: N/A
Luminaire Lumens: 181.0 lumens
Efficiency: N/A
Efficacy: 50.3 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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°	20753	20753	20753
5°	20469	20469	20538
10°	19586	19656	19814
15°	18258	18418	18650
20°	16513	16843	17155
25°	14765	15183	15582
30°	13046	13523	13960
35°	11500	12005	12510
40°	10027	10567	11016
45°	8890	9377	9694
50°	7850	8252	8386
55°	6906	7296	7086
60°	5959	6407	6097
65°	4727	5542	5012
70°	3424	4280	3726
75°	2595	2795	2329
80°	1785	1785	1289
85°	790	790	790

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 9694 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.1	6.1
10°-20°	28.9	15.9
20°-30°	36.7	20.3
30°-40°	35.7	19.7
40°-50°	29.6	16.4
50°-60°	21.4	11.8
60°-70°	12.6	7.0
70°-80°	4.5	2.5
80°-90°	0.6	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°	76.6	42.3
0°-40°	112.3	62.0
0°-60°	163.3	90.2
0°-90°	181.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	181.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	120	120	120	120	120	
5°	118	118	118	118	119	11
15°	102	102	103	104	105	29
25°	78	78	80	81	82	36
35°	55	55	57	59	60	34
45°	36	37	38	39	40	28
55°	23	24	24	24	24	21
65°	12	12	14	13	12	12
75°	4	4	4	4	4	4
85°	0	0	0	0	0	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	120.5	120.5	120.5	120.5	120.5
1°	120.5	120.3	120.3	120.3	120.5
2°	120.3	120.1	120.1	120.1	120.3
3°	119.9	119.7	119.7	119.7	120.1
4°	119.2	118.8	119.0	119.0	119.5
5°	118.4	118.1	118.4	118.4	118.8
6°	117.5	117.3	117.5	117.5	117.9
7°	116.4	116.2	116.4	116.6	117.0
8°	115.1	114.9	115.1	115.3	115.9
9°	113.8	113.5	114.0	114.2	114.6
10°	112.0	112.0	112.4	112.7	113.3
11°	110.3	110.3	110.7	111.1	111.8
12°	108.5	108.5	109.2	109.6	110.0
13°	106.8	106.5	107.2	107.6	108.3
14°	104.6	104.4	105.2	105.9	106.5
15°	102.4	102.4	103.3	103.9	104.6
17.5°	96.5	96.7	97.8	98.7	99.3
20°	90.1	90.8	91.9	93.0	93.6
22.5°	84.0	84.4	86.0	87.3	87.9
25°	77.7	78.5	79.9	81.4	82.0
27.5°	71.5	72.4	73.7	75.3	76.4
30°	65.6	66.3	68.0	69.6	70.2
32.5°	59.7	60.6	62.4	63.9	64.8
35°	54.7	55.3	57.1	58.6	59.5
37.5°	49.7	50.3	52.1	53.4	54.0
40°	44.6	45.7	47.0	48.3	49.0
42.5°	40.5	41.3	42.7	43.8	44.4
45°	36.5	37.2	38.5	39.4	39.8
47.5°	32.8	33.5	34.8	35.2	35.4
50°	29.3	30.0	30.8	31.1	31.3
52.5°	26.0	26.5	27.3	27.3	27.1
55°	23.0	23.6	24.3	24.1	23.6
57.5°	20.1	20.3	21.4	21.0	20.6
60°	17.3	17.7	18.6	18.2	17.7
62.5°	14.4	14.9	16.0	15.5	14.9
65°	11.6	12.5	13.6	12.9	12.3
67.5°	8.8	9.8	10.9	10.3	9.8
70°	6.8	7.7	8.5	7.9	7.4
72.5°	5.3	5.7	6.1	5.7	5.3
75°	3.9	4.2	4.2	3.7	3.5
77.5°	2.8	3.1	2.6	2.2	2.2
80°	1.8	2.0	1.8	1.3	1.3
82.5°	0.9	1.1	0.9	0.9	0.9
85°	0.4	0.4	0.4	0.4	0.4
87.5°	0.2	0.2	0.2	0.2	0.2



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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)