

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: P1317644

Luminaire Tested: P3SQAS02R709835DE010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317644
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: P3SQAS02R709835DE010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

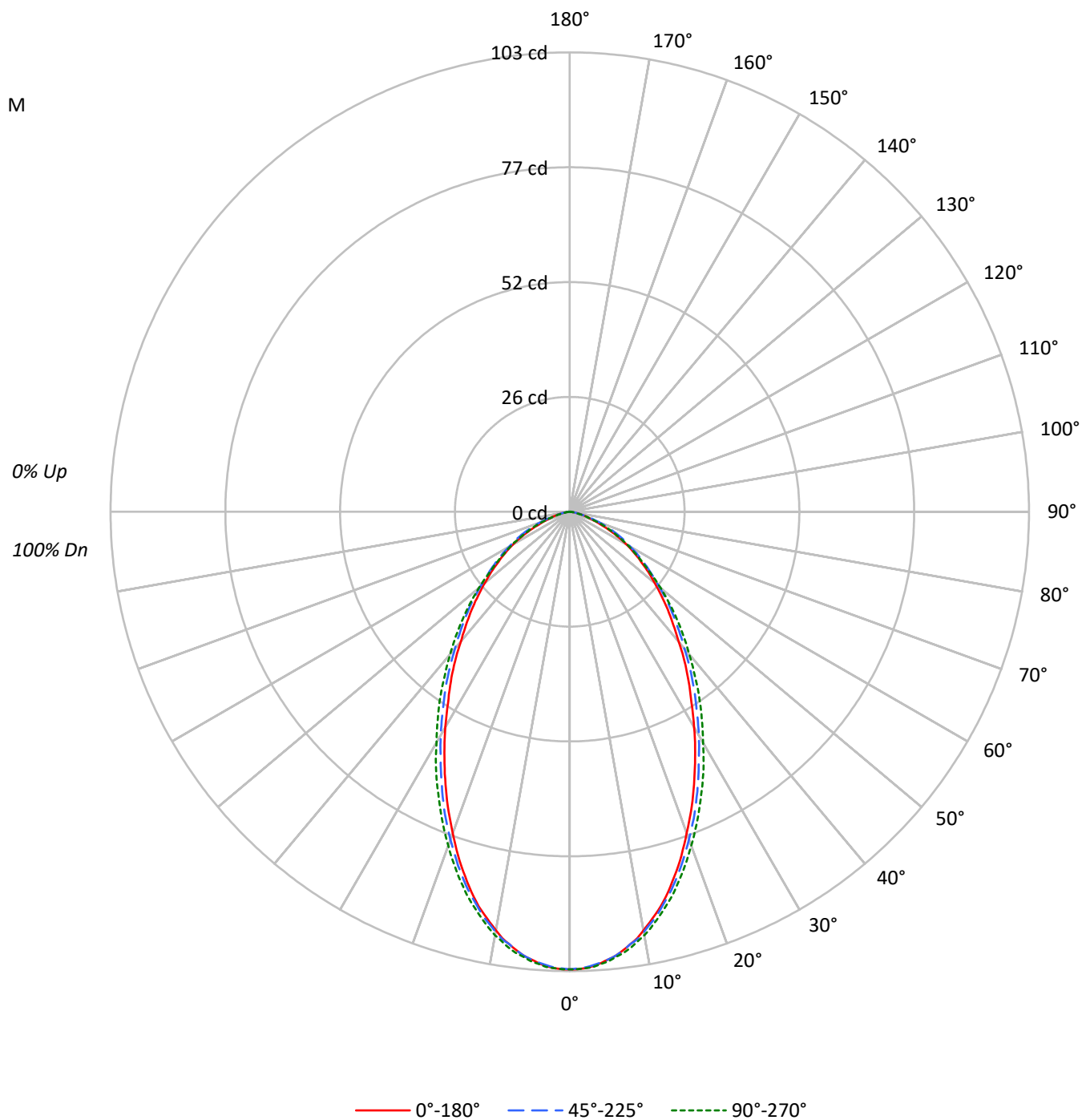
Lumens per Lamp: N/A
Luminaire Lumens: 154.0 lumens
Efficiency: N/A
Efficacy: 42.8 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	17670	17670	17670
5°	17409	17409	17478
10°	16666	16736	16858
15°	15530	15672	15869
20°	14057	14332	14607
25°	12561	12903	13264
30°	11097	11514	11892
35°	9776	10218	10638
40°	8543	8993	9375
45°	7575	7989	8257
50°	6671	7020	7127
55°	5855	6215	6035
60°	5063	5442	5201
65°	4034	4686	4238
70°	2921	3676	3172
75°	2262	2329	1996
80°	1488	1488	1091
85°	790	790	790

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 8257 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.5	6.1
10°-20°	24.5	15.9
20°-30°	31.2	20.3
30°-40°	30.3	19.7
40°-50°	25.2	16.4
50°-60°	18.2	11.8
60°-70°	10.7	7.0
70°-80°	3.8	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°	65.2	42.3
0°-40°	95.5	62.0
0°-60°	138.9	90.2
0°-90°	154.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	154.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	103	103	103	103	103	
5°	101	100	101	101	101	9
15°	87	87	88	88	89	24
25°	66	67	68	69	70	30
35°	46	47	49	50	51	29
45°	31	32	33	34	34	24
55°	20	20	21	20	20	18
65°	10	11	12	11	10	10
75°	3	4	4	3	3	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°	102.6	102.6	102.6	102.6	102.6
1°	102.6	102.4	102.4	102.4	102.6
2°	102.4	102.2	102.2	102.2	102.4
3°	102.0	101.8	101.8	101.8	102.2
4°	101.4	101.1	101.3	101.3	101.6
5°	100.7	100.5	100.7	100.7	101.1
6°	100.0	99.8	100.0	100.0	100.3
7°	99.0	98.8	99.0	99.2	99.6
8°	97.9	97.7	97.9	98.1	98.7
9°	96.8	96.6	97.0	97.2	97.5
10°	95.3	95.3	95.7	95.9	96.4
11°	93.8	93.8	94.2	94.6	95.1
12°	92.3	92.3	92.9	93.3	93.6
13°	90.8	90.6	91.2	91.6	92.1
14°	89.0	88.8	89.5	90.1	90.6
15°	87.1	87.1	87.9	88.4	89.0
17.5°	82.1	82.3	83.2	83.9	84.5
20°	76.7	77.2	78.2	79.1	79.7
22.5°	71.5	71.8	73.2	74.3	74.8
25°	66.1	66.8	67.9	69.2	69.8
27.5°	60.9	61.6	62.7	64.0	65.0
30°	55.8	56.4	57.9	59.2	59.8
32.5°	50.8	51.6	53.0	54.4	55.1
35°	46.5	47.1	48.6	49.9	50.6
37.5°	42.3	42.8	44.3	45.4	46.0
40°	38.0	38.9	40.0	41.1	41.7
42.5°	34.4	35.2	36.3	37.2	37.8
45°	31.1	31.6	32.8	33.5	33.9
47.5°	27.9	28.5	29.6	30.0	30.2
50°	24.9	25.5	26.2	26.4	26.6
52.5°	22.2	22.5	23.3	23.3	23.1
55°	19.5	20.1	20.7	20.5	20.1
57.5°	17.1	17.3	18.2	17.9	17.5
60°	14.7	15.1	15.8	15.4	15.1
62.5°	12.3	12.7	13.6	13.2	12.7
65°	9.9	10.6	11.5	11.0	10.4
67.5°	7.4	8.4	9.3	8.7	8.4
70°	5.8	6.5	7.3	6.7	6.3
72.5°	4.5	4.8	5.2	4.8	4.5
75°	3.4	3.5	3.5	3.2	3.0
77.5°	2.4	2.6	2.2	1.9	1.9
80°	1.5	1.7	1.5	1.1	1.1
82.5°	0.7	0.9	0.7	0.7	0.7
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)