

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: P1306484

Luminaire Tested: P3SQAS02R709027DE010 E3SQCLDWW1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306484
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R709027DE010 E3SQCLDWW1MMS
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 90CRI , E3SQCLDWW1MMS TR
Light Source: -
Ballast/Driver: -

Summary

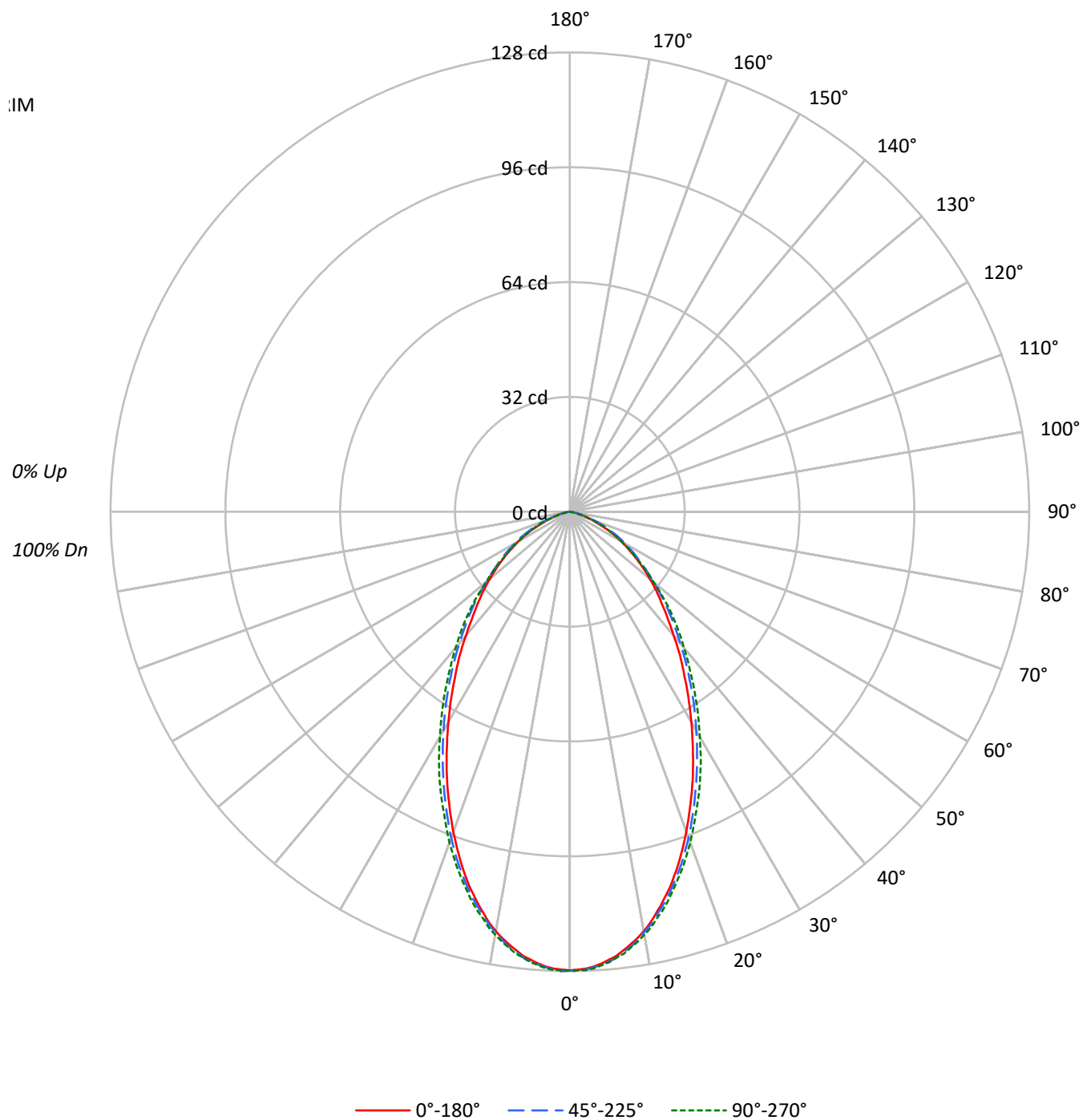
Lumens per Lamp: N/A
Luminaire Lumens: 183.0 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1306484

CATALOG NUMBER: P3SQAS02R709027DE010 E3SQCLDWW1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1306484

CATALOG NUMBER: P3SQAS02R709027DE010 E3SQCLDWW1MMS

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	108	104	101	109	106	103	100	101	99	97		98	96	94		94
2	103	97	92	87	101	95	90	86	92	88	84		89	85	82		86
3	96	87	81	76	94	86	80	75	83	78	74		81	76	72		78
4	89	79	72	66	87	78	71	66	76	70	65		74	68	64		72
5	83	72	65	59	81	71	64	59	69	63	58		67	62	58		66
6	78	66	59	53	76	65	58	53	64	57	53		62	56	52		61
7	73	61	53	48	71	60	53	48	59	52	48		58	52	47		56
8	68	57	49	44	67	56	49	44	55	48	44		53	48	43		52
9	64	53	45	40	63	52	45	40	51	45	40		50	44	40		49
10	61	49	42	37	60	49	42	37	48	41	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	22010	22010	22010
5°	21662	21748	21783
10°	20758	20811	20933
15°	19274	19434	19595
20°	17393	17723	17979
25°	15411	15829	16228
30°	13463	14000	14398
35°	11690	12320	12699
40°	10117	10769	11129
45°	8841	9450	9742
50°	7797	8145	8145
55°	6756	7086	6876
60°	5718	6097	5787
65°	4442	5094	4646
70°	3223	3777	3223
75°	2396	2262	1797
80°	1587	1091	496
85°	395	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 9742 cd/sqm

TEST NUMBER: P1306484

CATALOG NUMBER: P3SQAS02R709027DE010 E3SQCLDWW1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.8	6.4
10°-20°	30.4	16.6
20°-30°	38.2	20.9
30°-40°	36.5	19.9
40°-50°	29.6	16.2
50°-60°	20.8	11.4
60°-70°	11.7	6.4
70°-80°	3.7	2.0
80°-90°	0.3	0.2
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°	80.4	43.9
0°-40°	116.9	63.9
0°-60°	167.3	91.4
0°-90°	183.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	183.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	128	128	128	128	128	
5°	125	126	126	126	126	12
15°	108	108	109	109	110	30
25°	81	82	83	85	85	37
35°	56	56	59	60	60	35
45°	36	37	39	40	40	28
55°	22	23	24	23	23	20
65°	11	12	12	12	11	11
75°	4	4	3	3	3	4
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

TEST NUMBER: P1306484

CATALOG NUMBER: P3SQAS02R709027DE010 E3SQCLDWW1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	127.8	127.8	127.8	127.8	127.8
1°	127.6	127.8	128.1	127.6	127.8
2°	127.4	127.6	127.6	127.4	127.8
3°	126.9	127.1	127.1	126.9	127.4
4°	126.2	126.5	126.5	126.2	126.7
5°	125.3	125.6	125.8	125.6	126.0
6°	124.4	124.7	124.9	124.7	124.9
7°	123.1	123.5	123.5	123.5	124.0
8°	121.7	122.2	122.4	122.2	122.6
9°	120.3	120.6	120.8	120.8	121.2
10°	118.7	119.0	119.0	119.2	119.7
11°	116.9	116.9	117.4	117.4	118.1
12°	114.7	114.9	115.3	115.6	116.0
13°	112.6	112.8	113.3	113.5	114.2
14°	110.3	110.8	111.3	111.5	112.2
15°	108.1	108.3	109.0	109.2	109.9
17.5°	101.7	101.9	103.1	103.5	104.2
20°	94.9	95.6	96.7	97.4	98.1
22.5°	87.9	88.6	89.9	91.0	91.5
25°	81.1	82.0	83.3	84.7	85.4
27.5°	74.2	75.2	76.7	78.1	79.0
30°	67.7	68.6	70.4	71.5	72.4
32.5°	61.5	62.4	64.5	65.6	66.3
35°	55.6	56.5	58.6	59.7	60.4
37.5°	50.4	51.3	53.1	54.3	54.7
40°	45.0	46.1	47.9	49.0	49.5
42.5°	40.4	41.3	43.1	44.0	44.7
45°	36.3	37.2	38.8	39.5	40.0
47.5°	32.7	33.1	34.5	34.7	35.2
50°	29.1	29.5	30.4	30.7	30.4
52.5°	25.7	26.1	26.8	26.6	26.6
55°	22.5	22.7	23.6	23.2	22.9
57.5°	19.3	19.8	20.7	20.0	19.8
60°	16.6	17.0	17.7	17.3	16.8
62.5°	13.9	14.1	15.2	14.3	13.9
65°	10.9	11.6	12.5	11.8	11.4
67.5°	8.2	9.3	10.2	9.3	8.9
70°	6.4	6.8	7.5	7.0	6.4
72.5°	4.8	5.0	5.2	4.8	4.3
75°	3.6	3.6	3.4	3.0	2.7
77.5°	2.5	2.5	2.0	1.4	1.4
80°	1.6	1.6	1.1	0.5	0.5
82.5°	0.7	0.7	0.5	0.2	0.2
85°	0.2	0.2	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1306484

CATALOG NUMBER: P3SQAS02R709027DE010 E3SQCLDWW1MMS

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)