

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: P1306485

Luminaire Tested: P3SQAS02R709027DE010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306485
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: P3SQAS02R709027DE010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 90CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

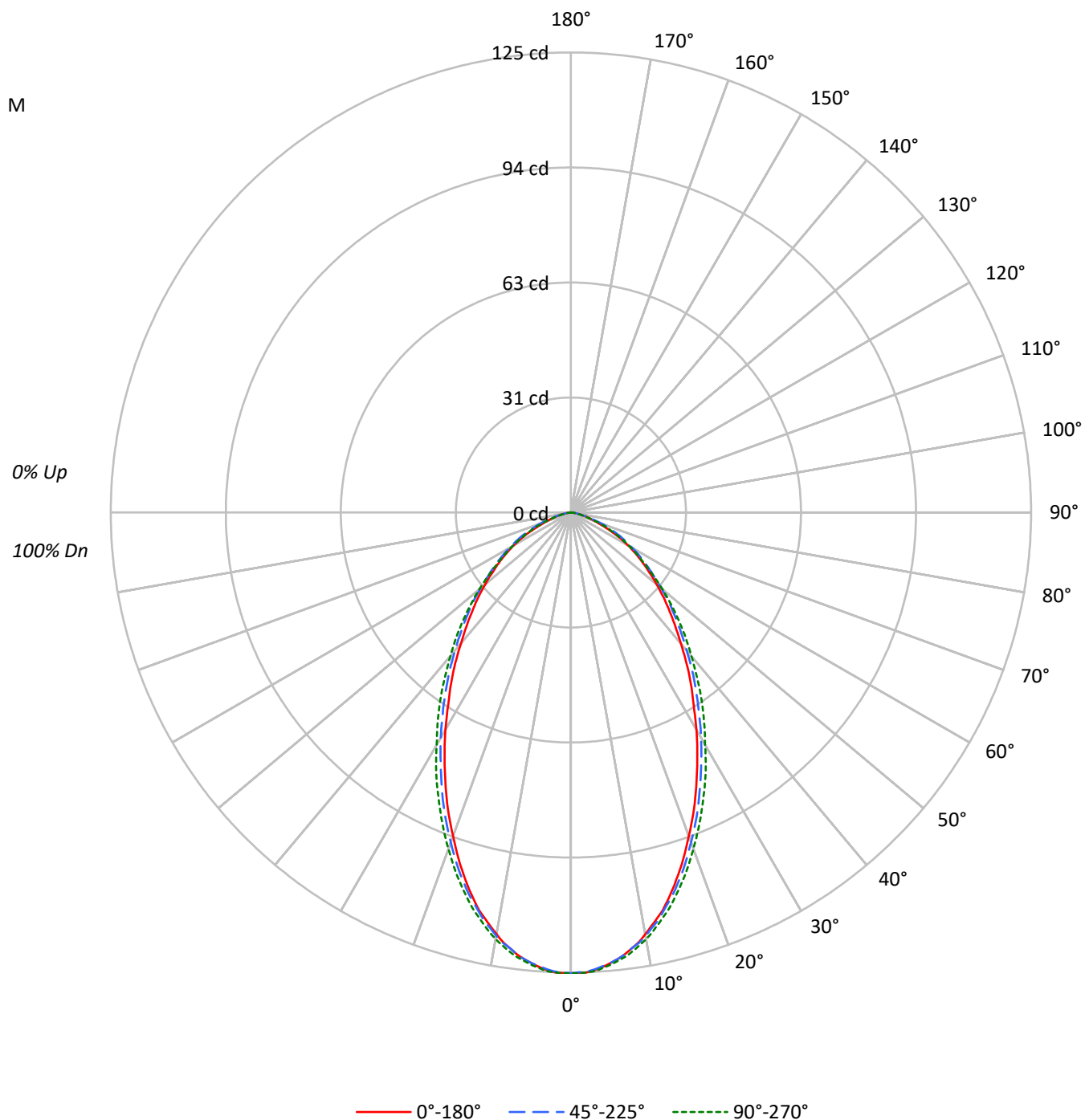
Lumens per Lamp: N/A
Luminaire Lumens: 188.0 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	21562	21562	21562
5°	21247	21247	21333
10°	20338	20426	20583
15°	18953	19131	19363
20°	17155	17484	17833
25°	15335	15753	16190
30°	13563	14060	14497
35°	11942	12468	12993
40°	10432	10994	11443
45°	9231	9742	10083
50°	8145	8574	8708
55°	7176	7567	7356
60°	6200	6648	6338
65°	4890	5746	5175
70°	3525	4482	3877
75°	2728	2861	2396
80°	1785	1785	1389
85°	988	988	988

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 10083 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.5	6.1
10°-20°	30.0	15.9
20°-30°	38.1	20.3
30°-40°	37.0	19.7
40°-50°	30.8	16.4
50°-60°	22.2	11.8
60°-70°	13.1	7.0
70°-80°	4.6	2.5
80°-90°	0.7	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°	79.6	42.3
0°-40°	116.6	62.0
0°-60°	169.6	90.2
0°-90°	188.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	188.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	125	125	125	125	125	
5°	123	123	123	123	123	12
15°	106	106	107	108	109	30
25°	81	82	83	84	85	37
35°	57	58	59	61	62	35
45°	38	39	40	41	41	29
55°	24	24	25	25	24	21
65°	12	13	14	13	13	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°	125.2	125.2	125.2	125.2	125.2
1°	125.2	125.0	125.0	125.0	125.2
2°	125.0	124.8	124.8	124.8	125.0
3°	124.5	124.3	124.3	124.3	124.8
4°	123.8	123.4	123.6	123.6	124.1
5°	122.9	122.7	122.9	122.9	123.4
6°	122.0	121.8	122.0	122.0	122.5
7°	120.9	120.7	120.9	121.1	121.6
8°	119.5	119.3	119.5	119.8	120.4
9°	118.2	117.9	118.4	118.6	119.1
10°	116.3	116.3	116.8	117.0	117.7
11°	114.5	114.5	115.0	115.4	116.1
12°	112.7	112.7	113.4	113.8	114.3
13°	110.9	110.7	111.3	111.8	112.5
14°	108.6	108.4	109.3	110.0	110.7
15°	106.3	106.3	107.3	107.9	108.6
17.5°	100.2	100.4	101.6	102.5	103.2
20°	93.6	94.3	95.4	96.6	97.3
22.5°	87.3	87.7	89.3	90.7	91.3
25°	80.7	81.6	82.9	84.5	85.2
27.5°	74.3	75.2	76.6	78.2	79.3
30°	68.2	68.9	70.7	72.3	72.9
32.5°	62.0	62.9	64.8	66.4	67.3
35°	56.8	57.5	59.3	60.9	61.8
37.5°	51.6	52.3	54.1	55.4	56.1
40°	46.4	47.5	48.9	50.2	50.9
42.5°	42.0	42.9	44.3	45.4	46.1
45°	37.9	38.6	40.0	40.9	41.4
47.5°	34.1	34.8	36.1	36.6	36.8
50°	30.4	31.1	32.0	32.3	32.5
52.5°	27.0	27.5	28.4	28.4	28.2
55°	23.9	24.5	25.2	25.0	24.5
57.5°	20.9	21.1	22.3	21.8	21.4
60°	18.0	18.4	19.3	18.9	18.4
62.5°	15.0	15.5	16.6	16.1	15.5
65°	12.0	13.0	14.1	13.4	12.7
67.5°	9.1	10.2	11.4	10.7	10.2
70°	7.0	8.0	8.9	8.2	7.7
72.5°	5.5	5.9	6.4	5.9	5.5
75°	4.1	4.3	4.3	3.9	3.6
77.5°	3.0	3.2	2.7	2.3	2.3
80°	1.8	2.0	1.8	1.4	1.4
82.5°	0.9	1.1	0.9	0.9	0.9
85°	0.5	0.5	0.5	0.5	0.5
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)