

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: P1314948

Luminaire Tested: P3SQAS02R709740DE010 E3SQCLDWW1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314948
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: P3SQAS02R709740DE010 E3SQCLDWW1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 97CRI , E3SQCLDWW1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

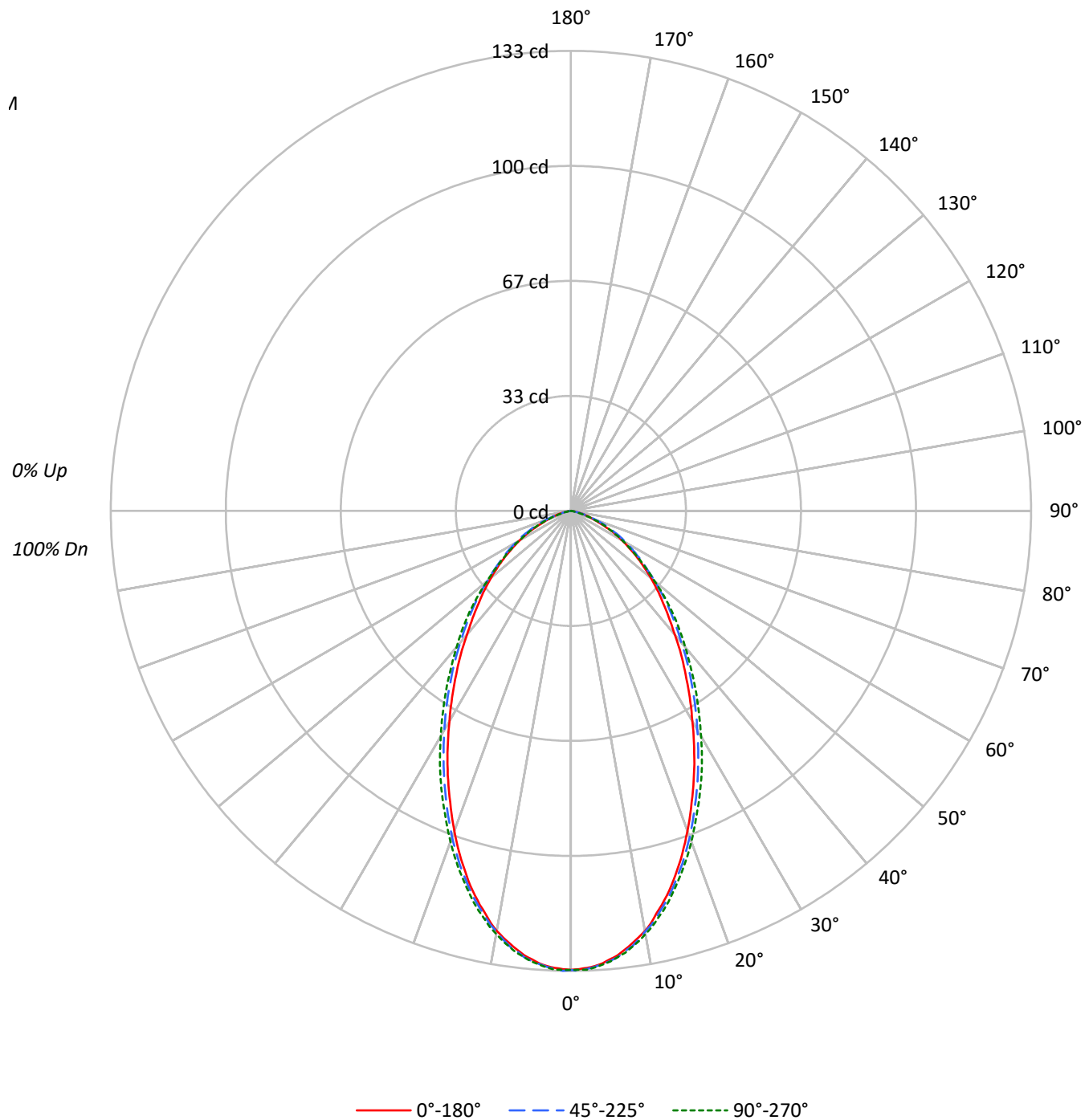
Lumens per Lamp: N/A
Luminaire Lumens: 190.0 lumens
Efficiency: N/A
Efficacy: 52.8 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 0.99
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	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°	22854	22854	22854
5°	22492	22578	22613
10°	21563	21598	21720
15°	20005	20183	20344
20°	18053	18401	18657
25°	16000	16437	16836
30°	13960	14537	14955
35°	12152	12783	13182
40°	10499	11174	11556
45°	9182	9815	10108
50°	8092	8467	8467
55°	6996	7356	7146
60°	5924	6338	5993
65°	4605	5298	4809
70°	3323	3928	3323
75°	2529	2329	1863
80°	1686	1190	496
85°	395	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 10108 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.2	6.4
10°-20°	31.6	16.6
20°-30°	39.6	20.9
30°-40°	37.9	19.9
40°-50°	30.8	16.2
50°-60°	21.5	11.3
60°-70°	12.2	6.4
70°-80°	3.9	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°	83.5	43.9
0°-40°	121.3	63.9
0°-60°	173.7	91.4
0°-90°	190.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	190.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	133	133	133	133	133	
5°	130	130	131	130	131	12
15°	112	112	113	113	114	31
25°	84	85	86	88	89	39
35°	58	59	61	62	63	36
45°	38	39	40	41	42	29
55°	23	24	24	24	24	21
65°	11	12	13	12	12	11
75°	4	4	4	3	3	4
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	132.7	132.7	132.7	132.7	132.7
1°	132.5	132.7	133.0	132.5	132.7
2°	132.2	132.5	132.5	132.2	132.7
3°	131.8	132.0	132.0	131.8	132.2
4°	131.1	131.3	131.3	131.1	131.5
5°	130.1	130.4	130.6	130.4	130.8
6°	129.2	129.4	129.7	129.4	129.7
7°	127.8	128.2	128.2	128.2	128.7
8°	126.4	126.8	127.1	126.8	127.3
9°	124.9	125.2	125.4	125.4	125.9
10°	123.3	123.5	123.5	123.8	124.2
11°	121.4	121.4	121.9	121.9	122.6
12°	119.0	119.3	119.8	120.0	120.5
13°	116.9	117.2	117.6	117.9	118.6
14°	114.6	115.0	115.5	115.7	116.5
15°	112.2	112.4	113.2	113.4	114.1
17.5°	105.6	105.8	107.0	107.5	108.2
20°	98.5	99.2	100.4	101.1	101.8
22.5°	91.2	91.9	93.4	94.5	95.0
25°	84.2	85.1	86.5	87.9	88.6
27.5°	77.1	78.0	79.7	81.1	82.0
30°	70.2	71.2	73.1	74.3	75.2
32.5°	63.9	64.8	66.9	68.1	68.8
35°	57.8	58.7	60.8	62.0	62.7
37.5°	52.3	53.3	55.2	56.3	56.8
40°	46.7	47.9	49.7	50.9	51.4
42.5°	42.0	42.9	44.8	45.7	46.4
45°	37.7	38.7	40.3	41.0	41.5
47.5°	33.9	34.4	35.8	36.1	36.5
50°	30.2	30.6	31.6	31.8	31.6
52.5°	26.6	27.1	27.8	27.6	27.6
55°	23.3	23.6	24.5	24.0	23.8
57.5°	20.0	20.5	21.5	20.7	20.5
60°	17.2	17.7	18.4	17.9	17.4
62.5°	14.4	14.6	15.8	14.9	14.4
65°	11.3	12.0	13.0	12.3	11.8
67.5°	8.5	9.7	10.6	9.7	9.2
70°	6.6	7.1	7.8	7.3	6.6
72.5°	5.0	5.2	5.4	5.0	4.5
75°	3.8	3.8	3.5	3.1	2.8
77.5°	2.6	2.6	2.1	1.4	1.4
80°	1.7	1.7	1.2	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



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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)