

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: P1313004

Luminaire Tested: P3SQAS02R709730DE010 E3SQCLDWW1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313004
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: P3SQAS02R709730DE010 E3SQCLDWW1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3SQCLDWW1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

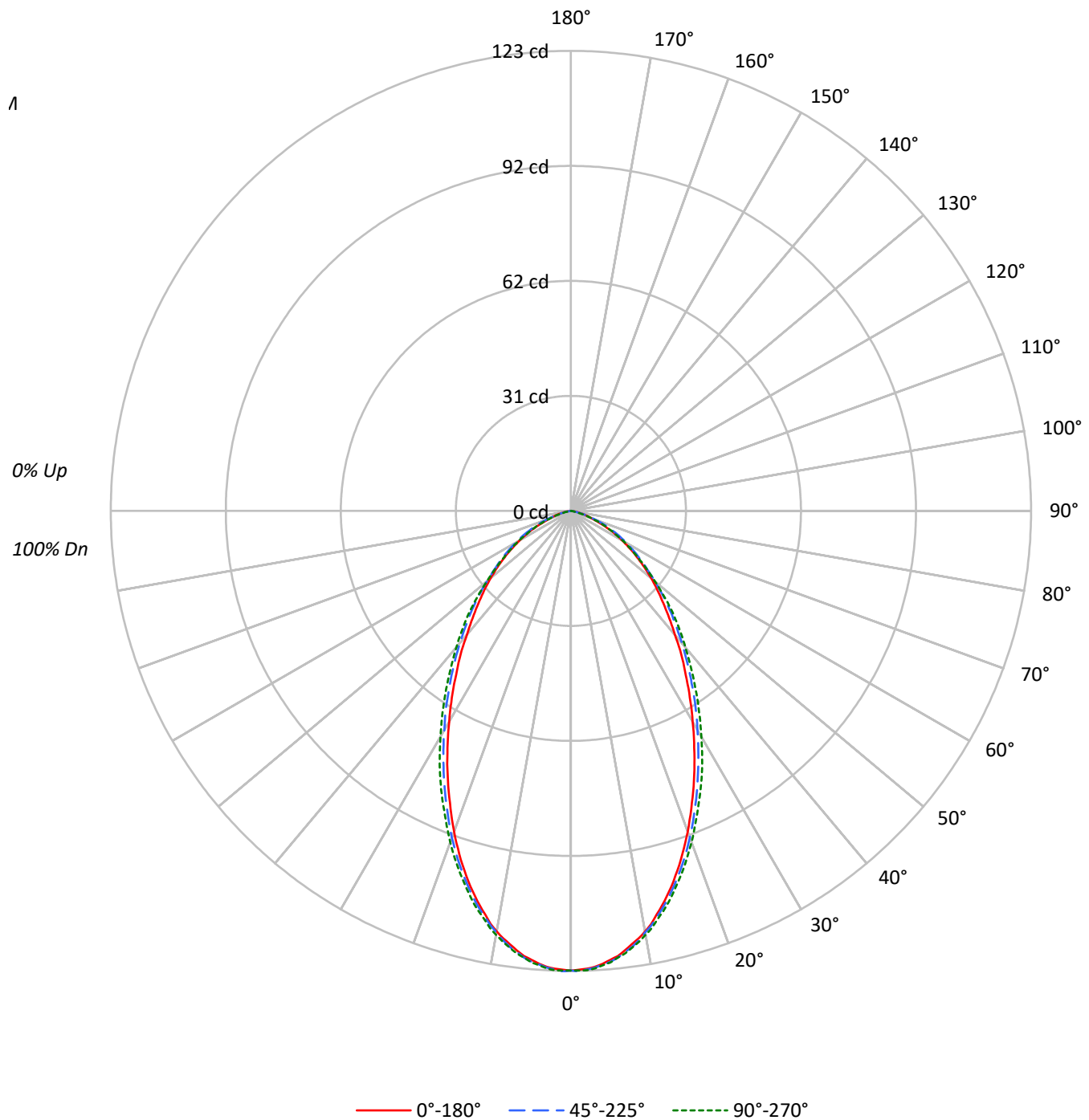
Lumens per Lamp: N/A
Luminaire Lumens: 176.0 lumens
Efficiency: N/A
Efficacy: 48.9 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 0.99
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	102	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	69	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°	21166	21166	21166
5°	20832	20919	20953
10°	19971	20006	20129
15°	18525	18686	18846
20°	16733	17045	17283
25°	14822	15221	15601
30°	12946	13463	13861
35°	11248	11837	12215
40°	9712	10364	10701
45°	8500	9085	9353
50°	7502	7850	7850
55°	6486	6816	6636
60°	5477	5856	5580
65°	4279	4890	4442
70°	3072	3626	3072
75°	2329	2196	1730
80°	1488	1091	397
85°	395	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 9353 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.3	6.4
10°-20°	29.3	16.6
20°-30°	36.7	20.9
30°-40°	35.1	19.9
40°-50°	28.5	16.2
50°-60°	20.0	11.3
60°-70°	11.3	6.4
70°-80°	3.6	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°	77.3	43.9
0°-40°	112.4	63.9
0°-60°	160.9	91.4
0°-90°	176.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	176.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	123	123	123	123	123	
5°	120	121	121	121	121	11
15°	104	104	105	105	106	29
25°	78	79	80	82	82	36
35°	54	54	56	57	58	34
45°	35	36	37	38	38	27
55°	22	22	23	22	22	19
65°	10	11	12	11	11	11
75°	4	4	3	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°	122.9	122.9	122.9	122.9	122.9
1°	122.7	122.9	123.2	122.7	122.9
2°	122.5	122.7	122.7	122.5	122.9
3°	122.1	122.3	122.3	122.1	122.5
4°	121.4	121.6	121.6	121.4	121.8
5°	120.5	120.8	121.0	120.8	121.2
6°	119.7	119.9	120.1	119.9	120.1
7°	118.4	118.8	118.8	118.8	119.2
8°	117.0	117.5	117.7	117.5	117.9
9°	115.7	116.0	116.2	116.2	116.6
10°	114.2	114.4	114.4	114.6	115.1
11°	112.5	112.5	112.9	112.9	113.6
12°	110.3	110.5	110.9	111.1	111.6
13°	108.3	108.5	109.0	109.2	109.8
14°	106.1	106.6	107.0	107.2	107.9
15°	103.9	104.2	104.8	105.0	105.7
17.5°	97.8	98.0	99.1	99.6	100.2
20°	91.3	91.9	93.0	93.7	94.3
22.5°	84.5	85.2	86.5	87.6	88.0
25°	78.0	78.8	80.1	81.5	82.1
27.5°	71.4	72.3	73.8	75.1	76.0
30°	65.1	65.9	67.7	68.8	69.7
32.5°	59.2	60.1	62.0	63.1	63.8
35°	53.5	54.4	56.3	57.4	58.1
37.5°	48.5	49.4	51.1	52.2	52.6
40°	43.2	44.3	46.1	47.2	47.6
42.5°	38.9	39.7	41.5	42.4	43.0
45°	34.9	35.8	37.3	38.0	38.4
47.5°	31.4	31.9	33.2	33.4	33.8
50°	28.0	28.4	29.3	29.5	29.3
52.5°	24.7	25.1	25.8	25.5	25.5
55°	21.6	21.8	22.7	22.3	22.1
57.5°	18.6	19.0	19.9	19.2	19.0
60°	15.9	16.4	17.0	16.6	16.2
62.5°	13.3	13.5	14.6	13.8	13.3
65°	10.5	11.1	12.0	11.4	10.9
67.5°	7.9	9.0	9.8	9.0	8.5
70°	6.1	6.6	7.2	6.8	6.1
72.5°	4.6	4.8	5.0	4.6	4.1
75°	3.5	3.5	3.3	2.8	2.6
77.5°	2.4	2.4	2.0	1.3	1.3
80°	1.5	1.5	1.1	0.4	0.4
82.5°	0.7	0.7	0.4	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)