

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: P1307602

Luminaire Tested: P3SQAS02R709030DE010 E3SQCLDWW1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307602
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: P3SQAS02R709030DE010 E3SQCLDWW1MMS
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3SQCLDWW1MMS TR
Light Source: -
Ballast/Driver: -

Summary

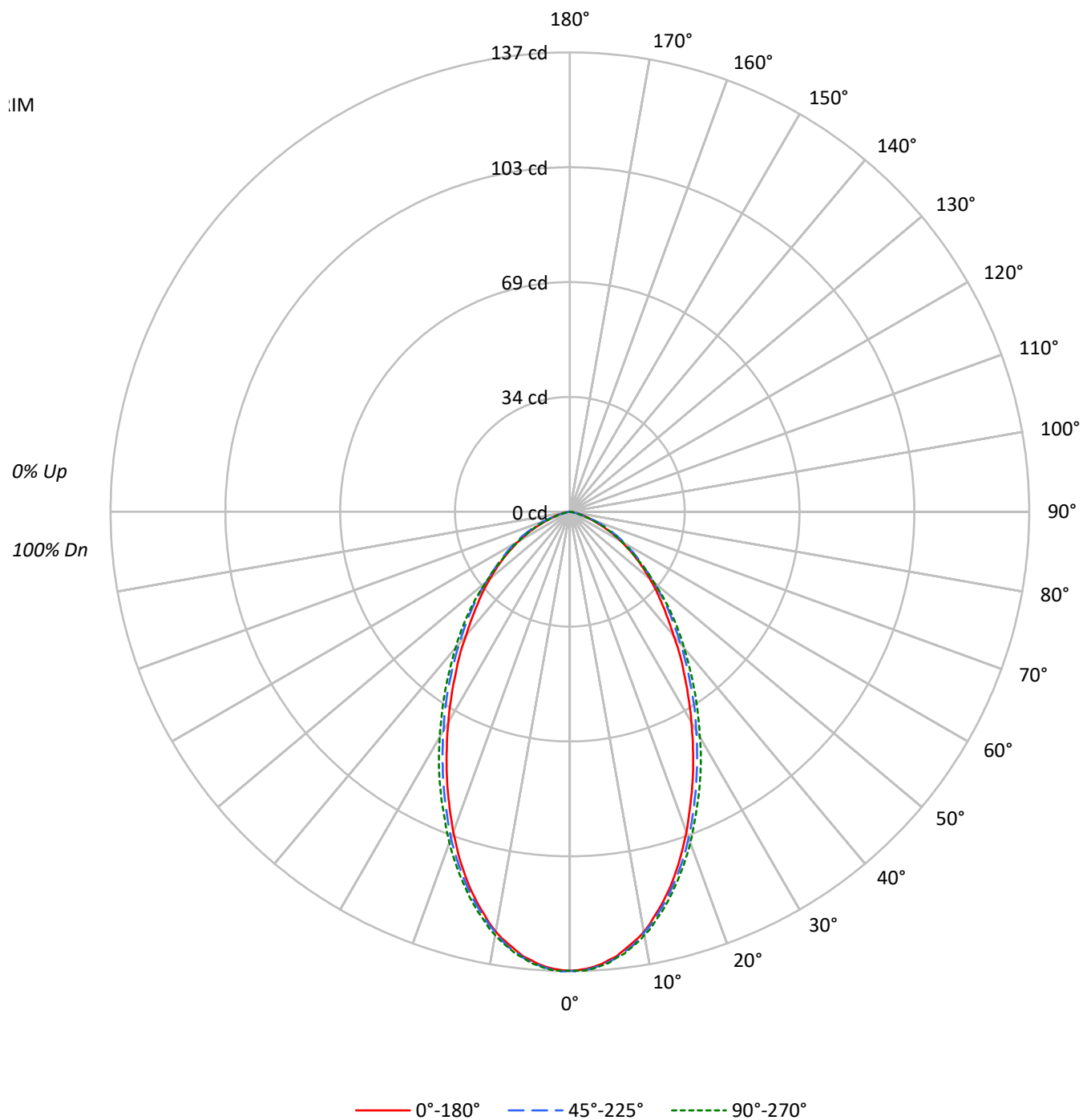
Lumens per Lamp: N/A
Luminaire Lumens: 196.0 lumens
Efficiency: N/A
Efficacy: 54.4 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 0.99
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	111	108	104	102	109	106	103	100	101	99	97	98	96	94	94	93	91	89		
2	103	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	80	79		
3	96	87	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69		
4	89	79	72	66	87	78	71	66	76	70	65	74	69	64	72	67	64	62		
5	83	72	65	59	81	71	64	59	69	63	58	67	62	58	66	61	57	55		
6	78	66	59	53	76	65	58	53	64	57	53	62	56	52	61	56	52	50		
7	73	61	53	48	71	60	53	48	59	52	48	58	52	47	56	51	47	45		
8	68	57	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41		
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38		
10	61	49	42	37	60	49	42	37	48	41	37	47	41	37	46	41	37	35		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	23577	23577	23577
5°	23201	23287	23339
10°	22245	22280	22420
15°	20647	20807	20986
20°	18621	18987	19262
25°	16494	16950	17368
30°	14418	14994	15432
35°	12531	13182	13603
40°	10814	11533	11915
45°	9474	10132	10424
50°	8333	8735	8735
55°	7236	7597	7386
60°	6131	6544	6200
65°	4768	5461	4972
70°	3424	4028	3424
75°	2595	2396	1930
80°	1686	1190	496
85°	395	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 10424 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.6	6.4
10°-20°	32.6	16.6
20°-30°	40.9	20.9
30°-40°	39.1	19.9
40°-50°	31.8	16.2
50°-60°	22.2	11.3
60°-70°	12.6	6.4
70°-80°	4.0	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°	86.1	43.9
0°-40°	125.2	63.9
0°-60°	179.2	91.4
0°-90°	196.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	196.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	137	137	137	137	137	
5°	134	134	135	134	135	13
15°	116	116	117	117	118	32
25°	87	88	89	91	91	40
35°	60	61	63	64	65	37
45°	39	40	42	42	43	30
55°	24	24	25	25	25	22
65°	12	12	13	13	12	12
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°	136.9	136.9	136.9	136.9	136.9
1°	136.7	136.9	137.2	136.7	136.9
2°	136.4	136.7	136.7	136.4	136.9
3°	135.9	136.2	136.2	135.9	136.4
4°	135.2	135.5	135.5	135.2	135.7
5°	134.2	134.5	134.7	134.5	135.0
6°	133.3	133.5	133.7	133.5	133.7
7°	131.8	132.3	132.3	132.3	132.8
8°	130.3	130.8	131.1	130.8	131.3
9°	128.9	129.1	129.4	129.4	129.9
10°	127.2	127.4	127.4	127.7	128.2
11°	125.2	125.2	125.7	125.7	126.5
12°	122.8	123.0	123.5	123.8	124.3
13°	120.6	120.9	121.3	121.6	122.3
14°	118.2	118.7	119.2	119.4	120.1
15°	115.8	116.0	116.7	117.0	117.7
17.5°	108.9	109.2	110.4	110.9	111.6
20°	101.6	102.4	103.6	104.3	105.1
22.5°	94.1	94.8	96.3	97.5	98.0
25°	86.8	87.8	89.2	90.7	91.4
27.5°	79.5	80.5	82.2	83.7	84.6
30°	72.5	73.4	75.4	76.6	77.6
32.5°	65.9	66.9	69.1	70.3	71.0
35°	59.6	60.6	62.7	64.0	64.7
37.5°	54.0	55.0	56.9	58.1	58.6
40°	48.1	49.4	51.3	52.5	53.0
42.5°	43.3	44.3	46.2	47.2	47.9
45°	38.9	39.9	41.6	42.3	42.8
47.5°	35.0	35.5	37.0	37.2	37.7
50°	31.1	31.6	32.6	32.8	32.6
52.5°	27.5	28.0	28.7	28.5	28.5
55°	24.1	24.3	25.3	24.8	24.6
57.5°	20.7	21.2	22.1	21.4	21.2
60°	17.8	18.2	19.0	18.5	18.0
62.5°	14.8	15.1	16.3	15.3	14.8
65°	11.7	12.4	13.4	12.6	12.2
67.5°	8.8	10.0	10.9	10.0	9.5
70°	6.8	7.3	8.0	7.5	6.8
72.5°	5.1	5.3	5.6	5.1	4.6
75°	3.9	3.9	3.6	3.2	2.9
77.5°	2.7	2.7	2.2	1.5	1.5
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)