

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: P1308721

Luminaire Tested: P3SQAS02R709035DE010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308721
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: P3SQAS02R709035DE010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

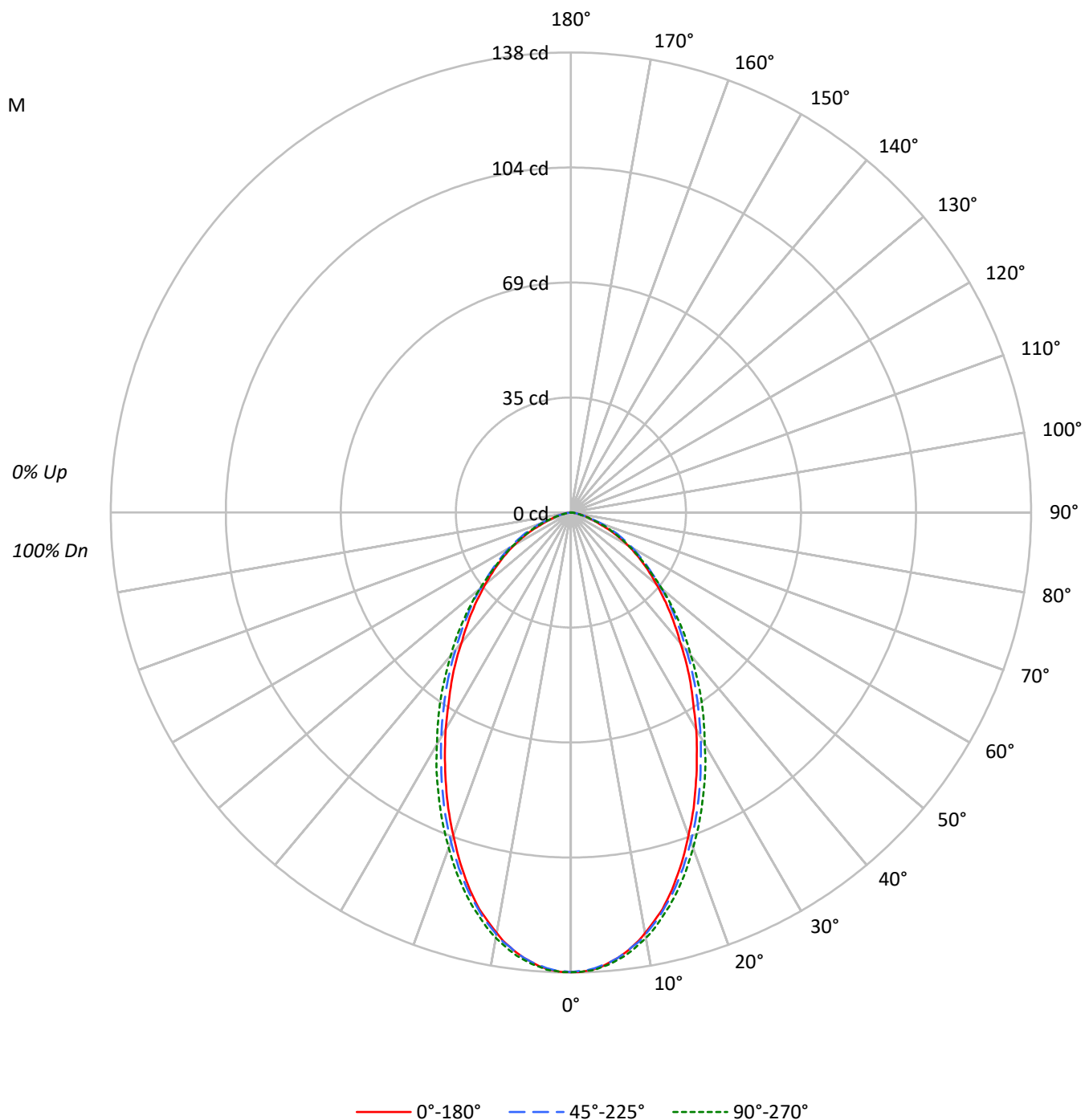
Lumens per Lamp: N/A
Luminaire Lumens: 207.0 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	94	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	43	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°	23750	23750	23750
5°	23408	23408	23494
10°	22402	22489	22664
15°	20879	21057	21324
20°	18896	19262	19629
25°	16874	17349	17825
30°	14935	15472	15969
35°	13140	13729	14318
40°	11466	12095	12590
45°	10181	10717	11082
50°	8976	9458	9592
55°	7897	8347	8107
60°	6820	7337	6992
65°	5420	6316	5705
70°	3928	4935	4280
75°	2994	3194	2662
80°	1984	1984	1488
85°	988	988	988

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 11082 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.7	6.1
10°-20°	33.0	15.9
20°-30°	41.9	20.2
30°-40°	40.8	19.7
40°-50°	33.9	16.4
50°-60°	24.5	11.8
60°-70°	14.4	7.0
70°-80°	5.1	2.5
80°-90°	0.8	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°	87.6	42.3
0°-40°	128.4	62.0
0°-60°	186.8	90.2
0°-90°	207.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	207.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	138	138	138	138	138	
5°	135	135	135	135	136	13
15°	117	117	118	119	120	33
25°	89	90	91	93	94	41
35°	62	63	65	67	68	39
45°	42	42	44	45	46	32
55°	26	27	28	28	27	24
65°	13	14	16	15	14	13
75°	4	5	5	4	4	5
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°	137.9	137.9	137.9	137.9	137.9
1°	137.9	137.6	137.6	137.6	137.9
2°	137.6	137.4	137.4	137.4	137.6
3°	137.1	136.9	136.9	136.9	137.4
4°	136.4	135.9	136.1	136.1	136.6
5°	135.4	135.1	135.4	135.4	135.9
6°	134.4	134.1	134.4	134.4	134.9
7°	133.1	132.9	133.1	133.4	133.9
8°	131.6	131.4	131.6	131.9	132.6
9°	130.1	129.9	130.4	130.6	131.1
10°	128.1	128.1	128.6	128.9	129.6
11°	126.1	126.1	126.6	127.1	127.9
12°	124.1	124.1	124.8	125.3	125.9
13°	122.1	121.8	122.6	123.1	123.8
14°	119.6	119.3	120.3	121.1	121.8
15°	117.1	117.1	118.1	118.8	119.6
17.5°	110.3	110.6	111.8	112.8	113.6
20°	103.1	103.8	105.1	106.3	107.1
22.5°	96.1	96.6	98.3	99.8	100.6
25°	88.8	89.8	91.3	93.1	93.8
27.5°	81.8	82.8	84.3	86.1	87.3
30°	75.1	75.8	77.8	79.6	80.3
32.5°	68.3	69.3	71.3	73.1	74.1
35°	62.5	63.3	65.3	67.1	68.1
37.5°	56.8	57.5	59.5	61.0	61.8
40°	51.0	52.3	53.8	55.3	56.0
42.5°	46.3	47.3	48.8	50.0	50.8
45°	41.8	42.5	44.0	45.0	45.5
47.5°	37.5	38.3	39.8	40.3	40.5
50°	33.5	34.3	35.3	35.5	35.8
52.5°	29.8	30.3	31.3	31.3	31.0
55°	26.3	27.0	27.8	27.5	27.0
57.5°	23.0	23.3	24.5	24.0	23.5
60°	19.8	20.3	21.3	20.8	20.3
62.5°	16.5	17.0	18.3	17.8	17.0
65°	13.3	14.3	15.5	14.8	14.0
67.5°	10.0	11.3	12.5	11.8	11.3
70°	7.8	8.8	9.8	9.0	8.5
72.5°	6.0	6.5	7.0	6.5	6.0
75°	4.5	4.8	4.8	4.3	4.0
77.5°	3.3	3.5	3.0	2.5	2.5
80°	2.0	2.3	2.0	1.5	1.5
82.5°	1.0	1.3	1.0	1.0	1.0
85°	0.5	0.5	0.5	0.5	0.5
87.5°	0.3	0.3	0.3	0.3	0.3



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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)