

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: P1314146

Luminaire Tested: P3SQAS05R709735DE010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314146
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: P3SQAS05R709735DE010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 97CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

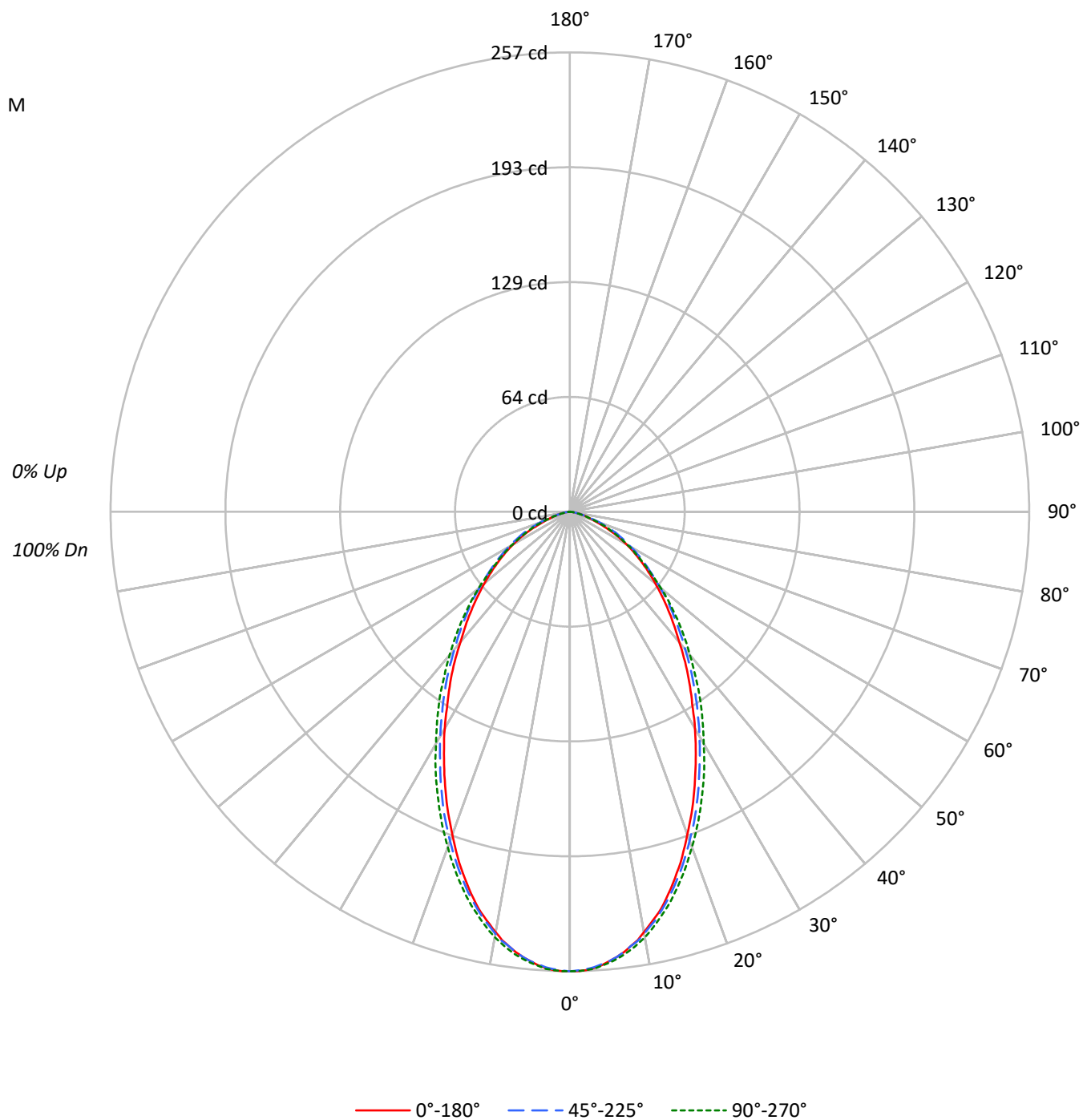
Lumens per Lamp: N/A
Luminaire Lumens: 386.0 lumens
Efficiency: N/A
Efficacy: 53.6 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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°	44278	44278	44278
5°	43635	43635	43791
10°	41779	41936	42268
15°	38922	39261	39760
20°	35226	35922	36600
25°	31468	32362	33255
30°	27841	28855	29790
35°	24515	25608	26680
40°	21403	22550	23494
45°	18973	19996	20678
50°	16746	17630	17871
55°	14713	15554	15133
60°	12710	13674	13020
65°	10066	11777	10636
70°	7301	9165	8006
75°	5590	5922	4991
80°	3670	3670	2777
85°	1778	1778	1778

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 20678 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.7	6.1
10°-20°	61.5	15.9
20°-30°	78.2	20.3
30°-40°	76.0	19.7
40°-50°	63.2	16.4
50°-60°	45.6	11.8
60°-70°	26.8	6.9
70°-80°	9.5	2.5
80°-90°	1.4	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°	163.4	42.3
0°-40°	239.4	62.0
0°-60°	348.3	90.2
0°-90°	386.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	386.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	257	257	257	257	257	
5°	252	252	252	252	253	24
15°	218	218	220	222	223	61
25°	166	168	170	174	175	76
35°	117	118	122	125	127	73
45°	78	79	82	84	85	60
55°	49	50	52	51	50	44
65°	25	27	29	28	26	25
75°	8	9	9	8	8	9
85°	1	1	1	1	1	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	257.1	257.1	257.1	257.1	257.1
1°	257.1	256.6	256.6	256.6	257.1
2°	256.6	256.1	256.1	256.1	256.6
3°	255.7	255.2	255.2	255.2	256.1
4°	254.3	253.3	253.8	253.8	254.7
5°	252.4	251.9	252.4	252.4	253.3
6°	250.5	250.1	250.5	250.5	251.5
7°	248.2	247.7	248.2	248.7	249.6
8°	245.4	244.9	245.4	245.9	247.3
9°	242.6	242.1	243.1	243.5	244.5
10°	238.9	238.9	239.8	240.3	241.7
11°	235.1	235.1	236.1	237.0	238.4
12°	231.4	231.4	232.8	233.7	234.7
13°	227.7	227.2	228.6	229.5	230.9
14°	223.0	222.5	224.4	225.8	227.2
15°	218.3	218.3	220.2	221.6	223.0
17.5°	205.8	206.2	208.5	210.4	211.8
20°	192.2	193.6	196.0	198.3	199.7
22.5°	179.2	180.1	183.4	186.2	187.6
25°	165.6	167.5	170.3	173.6	175.0
27.5°	152.6	154.4	157.2	160.5	162.8
30°	140.0	141.4	145.1	148.4	149.8
32.5°	127.4	129.2	133.0	136.2	138.1
35°	116.6	118.0	121.8	125.0	126.9
37.5°	105.9	107.3	111.0	113.8	115.2
40°	95.2	97.5	100.3	103.1	104.5
42.5°	86.3	88.2	91.0	93.3	94.7
45°	77.9	79.3	82.1	84.0	84.9
47.5°	70.0	71.4	74.2	75.1	75.6
50°	62.5	63.9	65.8	66.3	66.7
52.5°	55.5	56.5	58.3	58.3	57.9
55°	49.0	50.4	51.8	51.3	50.4
57.5°	42.9	43.4	45.7	44.8	43.9
60°	36.9	37.8	39.7	38.7	37.8
62.5°	30.8	31.7	34.1	33.1	31.7
65°	24.7	26.6	28.9	27.5	26.1
67.5°	18.7	21.0	23.3	21.9	21.0
70°	14.5	16.3	18.2	16.8	15.9
72.5°	11.2	12.1	13.1	12.1	11.2
75°	8.4	8.9	8.9	7.9	7.5
77.5°	6.1	6.5	5.6	4.7	4.7
80°	3.7	4.2	3.7	2.8	2.8
82.5°	1.9	2.3	1.9	1.9	1.9
85°	0.9	0.9	0.9	0.9	0.9
87.5°	0.5	0.5	0.5	0.5	0.5



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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)