

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: P1307476

Luminaire Tested: P3SQAS02R159030DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307476
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R159030DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

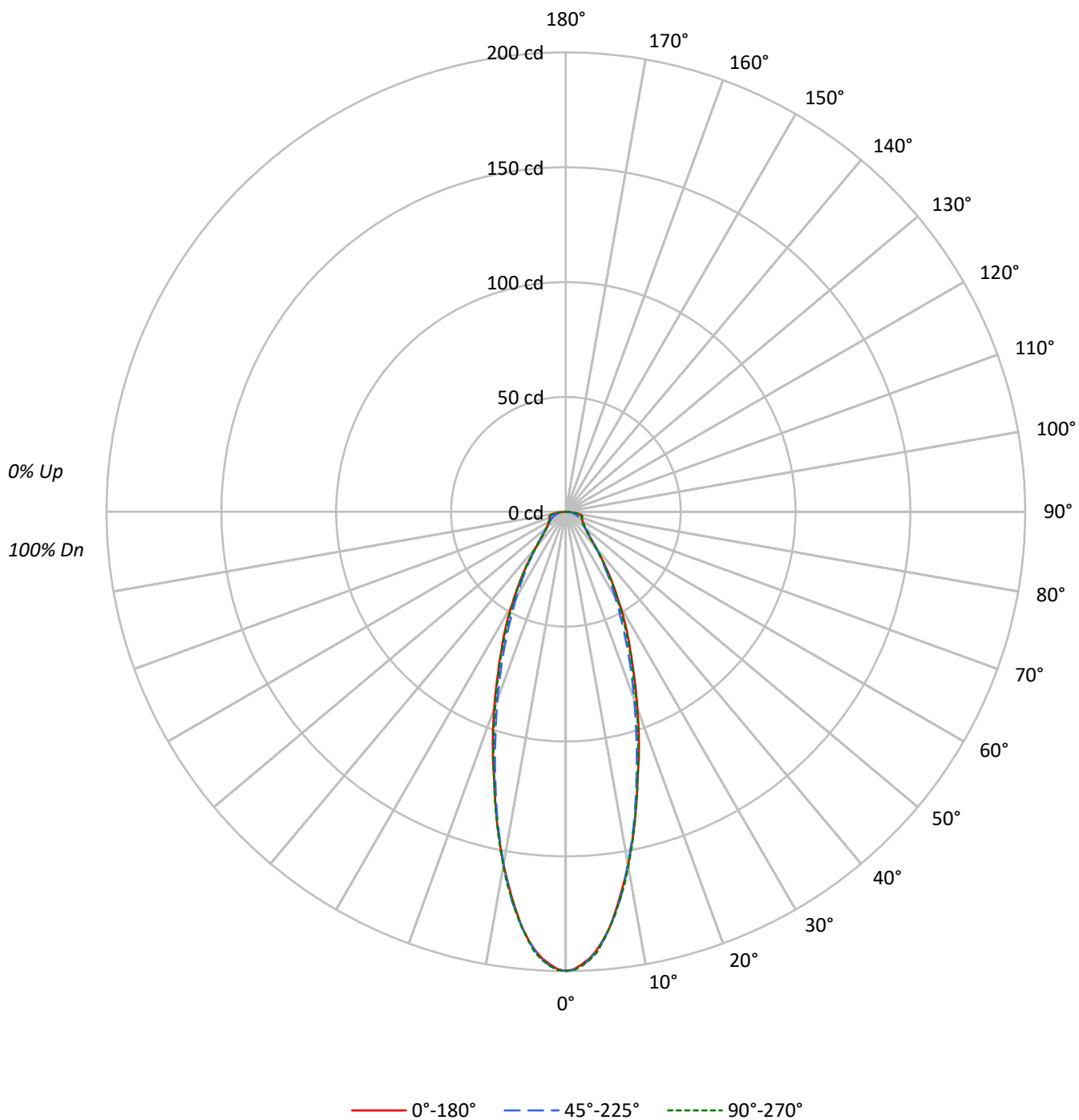
Lumens per Lamp: N/A
Luminaire Lumens: 134.0 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.63
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	105	102	100	101	99	96		97	95	94		94
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87
3	98	90	84	79	96	88	83	78	86	81	77		83	79	76		81
4	92	83	76	71	90	82	76	71	80	74	70		77	73	69		75
5	87	77	70	65	85	76	70	65	74	69	64		72	68	64		71
6	82	72	65	60	81	71	65	60	70	64	60		68	63	59		67
7	78	68	61	56	77	67	60	56	66	60	56		64	59	55		63
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	71	60	54	49	70	60	53	49	59	53	49		58	53	49		57
10	68	57	51	47	67	57	51	47	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	34427	34427	34427
5°	32329	32381	32381
10°	27316	27229	27404
15°	21485	21182	21521
20°	16696	15927	16476
25°	12599	11725	12409
30°	9367	8551	9168
35°	6686	6223	6581
40°	4541	4586	4474
45°	3361	3556	3361
50°	2920	2920	2920
55°	2852	2702	2852
60°	2928	2687	2859
65°	3179	2771	3179
70°	3777	2820	3777
75°	4858	2928	4858
80°	6050	3174	5752
85°	4742	2964	5335

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 6050 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.9	12.6
10°-20°	33.3	24.9
20°-30°	29.5	22.0
30°-40°	19.3	14.4
40°-50°	11.3	8.4
50°-60°	8.3	6.2
60°-70°	7.1	5.3
70°-80°	5.9	4.4
80°-90°	2.4	1.8
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°	79.6	59.4
0°-40°	99.0	73.9
0°-60°	118.6	88.5
0°-90°	134.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	134.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	200	200	200	200	200	
5°	187	187	187	188	187	17
15°	120	120	119	120	121	34
25°	66	64	62	63	65	31
35°	32	31	30	30	31	20
45°	14	14	15	14	14	11
55°	10	9	9	9	10	9
65°	8	7	7	7	8	8
75°	7	5	4	6	7	7
85°	2	3	2	2	3	3
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	199.9	199.9	199.9	199.9	199.9
1°	199.2	199.4	199.4	199.6	199.6
2°	197.2	197.7	197.9	197.9	197.9
3°	194.8	195.0	195.3	195.5	195.5
4°	191.4	191.6	191.6	192.1	192.4
5°	187.0	187.0	187.3	187.5	187.3
6°	181.9	181.9	182.2	182.2	182.2
7°	175.8	176.1	176.3	176.6	176.3
8°	169.3	169.5	170.3	170.3	170.0
9°	162.7	163.0	163.0	163.7	163.7
10°	156.2	156.2	155.7	156.2	156.7
12.5°	138.4	138.2	137.5	138.2	138.7
15°	120.5	120.5	118.8	120.2	120.7
17.5°	105.9	103.7	102.0	103.5	104.7
20°	91.1	88.9	86.9	88.4	89.9
22.5°	77.7	76.0	73.6	75.0	76.7
25°	66.3	64.1	61.7	63.4	65.3
27.5°	56.8	53.9	51.5	53.4	55.1
30°	47.1	45.2	43.0	44.4	46.1
32.5°	38.9	37.4	35.7	36.9	38.4
35°	31.8	30.6	29.6	30.4	31.3
37.5°	25.5	25.0	24.5	24.8	24.8
40°	20.2	20.4	20.4	20.4	19.9
42.5°	16.5	16.8	17.2	16.8	16.5
45°	13.8	14.1	14.6	14.1	13.8
47.5°	12.1	12.4	12.6	12.1	12.1
50°	10.9	10.9	10.9	10.9	10.9
52.5°	10.2	10.0	10.0	10.0	10.2
55°	9.5	9.2	9.0	9.2	9.5
57.5°	8.7	8.5	8.3	8.5	8.7
60°	8.5	8.0	7.8	8.0	8.3
62.5°	8.0	7.5	7.3	7.5	8.0
65°	7.8	7.0	6.8	7.0	7.8
67.5°	7.5	6.6	6.1	6.6	7.5
70°	7.5	6.1	5.6	6.3	7.5
72.5°	7.3	5.8	4.9	5.8	7.3
75°	7.3	5.3	4.4	5.6	7.3
77.5°	6.8	4.9	3.6	5.1	6.8
80°	6.1	4.4	3.2	4.6	5.8
82.5°	4.4	3.6	2.4	3.6	4.4
85°	2.4	2.7	1.5	2.4	2.7
87.5°	0.2	0.7	0.5	1.5	1.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)