

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: P1317583

Luminaire Tested: P3SQAS02R359835DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317583
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R359835DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

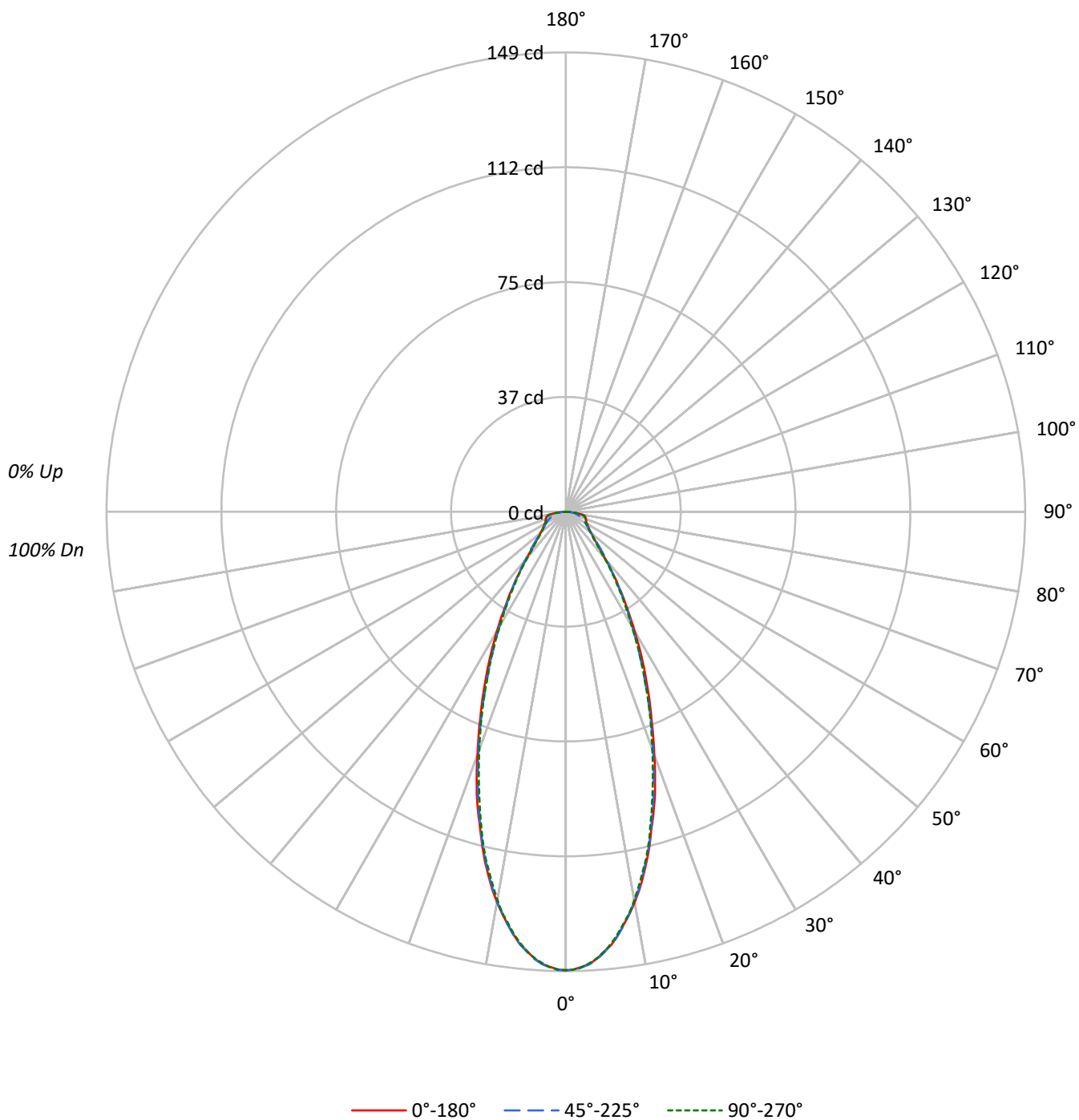
Lumens per Lamp: N/A
Luminaire Lumens: 123.0 lumens
Efficiency: N/A
Efficacy: 34.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	99	96		97	95	93		94
2	104	98	92	88	101	96	91	87	92	88	85		89	86	83		86
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	69	64	73	68	63		72	67	63		70
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	60	55	76	66	59	54	64	58	54		63	58	54		62
8	73	62	56	51	72	62	55	51	61	55	51		60	54	50		59
9	70	59	52	48	68	58	52	48	57	52	47		56	51	47		55
10	66	56	49	45	65	55	49	45	54	49	45		53	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	25610	25610	25610
5°	24756	24791	24756
10°	22489	22455	22367
15°	19096	19024	18864
20°	15377	15175	15029
25°	11877	11535	11535
30°	8869	8571	8492
35°	6370	6307	6139
40°	4451	4586	4294
45°	3337	3507	3239
50°	2867	2867	2813
55°	2702	2582	2642
60°	2790	2514	2652
65°	2975	2527	2893
70°	3474	2618	3374
75°	4392	2728	4259
80°	5554	2975	5058
85°	4347	2964	4347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 5554 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.2	10.7
10°-20°	29.5	24.0
20°-30°	28.1	22.9
30°-40°	18.9	15.4
40°-50°	11.1	9.0
50°-60°	7.9	6.5
60°-70°	6.6	5.4
70°-80°	5.4	4.4
80°-90°	2.2	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°	70.8	57.6
0°-40°	89.7	72.9
0°-60°	108.8	88.4
0°-90°	123.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	123.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	149	149	149	149	149	
5°	143	144	143	143	143	13
15°	107	107	107	106	106	30
25°	62	62	61	61	61	29
35°	30	30	30	29	29	19
45°	14	14	14	14	13	11
55°	9	9	9	9	9	8
65°	7	7	6	7	7	7
75°	7	5	4	5	6	7
85°	2	2	2	2	2	3
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	148.7	148.7	148.7	148.7	148.7
1°	148.5	148.7	148.7	148.5	148.5
2°	147.7	148.1	147.9	147.7	147.9
3°	146.8	147.2	147.0	146.8	146.6
4°	145.3	145.7	145.5	145.1	145.1
5°	143.2	143.6	143.4	143.2	143.2
6°	141.2	141.5	141.2	140.8	140.8
7°	138.4	138.9	138.6	138.2	138.0
8°	135.2	135.7	135.4	135.2	134.8
9°	132.0	132.4	131.8	131.8	131.8
10°	128.6	128.8	128.4	127.9	127.9
11°	124.9	124.7	124.5	124.1	123.8
12°	120.8	120.8	120.2	119.8	119.6
13°	116.5	116.3	115.9	115.5	115.5
14°	112.0	112.0	111.6	110.8	111.0
15°	107.1	107.3	106.7	106.0	105.8
17.5°	96.1	95.7	94.7	94.2	93.6
20°	83.9	83.7	82.8	82.2	82.0
22.5°	72.6	72.5	71.5	71.0	71.3
25°	62.5	61.8	60.7	60.7	60.7
27.5°	53.2	52.2	51.5	51.1	51.5
30°	44.6	43.8	43.1	42.9	42.7
32.5°	36.9	36.5	36.1	35.6	35.6
35°	30.3	30.3	30.0	29.4	29.2
37.5°	24.7	24.9	24.7	24.2	24.0
40°	19.8	20.2	20.4	19.8	19.1
42.5°	16.3	16.9	17.2	16.3	15.7
45°	13.7	14.0	14.4	13.7	13.3
47.5°	12.0	12.2	12.4	11.8	11.6
50°	10.7	10.7	10.7	10.5	10.5
52.5°	9.7	9.7	9.5	9.4	9.4
55°	9.0	8.8	8.6	8.6	8.8
57.5°	8.4	8.2	7.9	8.1	8.2
60°	8.1	7.7	7.3	7.5	7.7
62.5°	7.5	7.1	6.7	6.9	7.3
65°	7.3	6.6	6.2	6.6	7.1
67.5°	7.1	6.2	5.6	6.2	6.9
70°	6.9	5.8	5.2	5.8	6.7
72.5°	6.7	5.4	4.7	5.4	6.6
75°	6.6	5.1	4.1	5.1	6.4
77.5°	6.2	4.7	3.6	4.7	5.8
80°	5.6	4.3	3.0	4.1	5.1
82.5°	4.1	3.6	2.4	3.6	3.7
85°	2.2	2.4	1.5	2.4	2.2
87.5°	0.2	0.4	0.4	1.1	0.7



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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)