

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: P1317549

Luminaire Tested: P3SQAS02R259835DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317549
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R259835DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

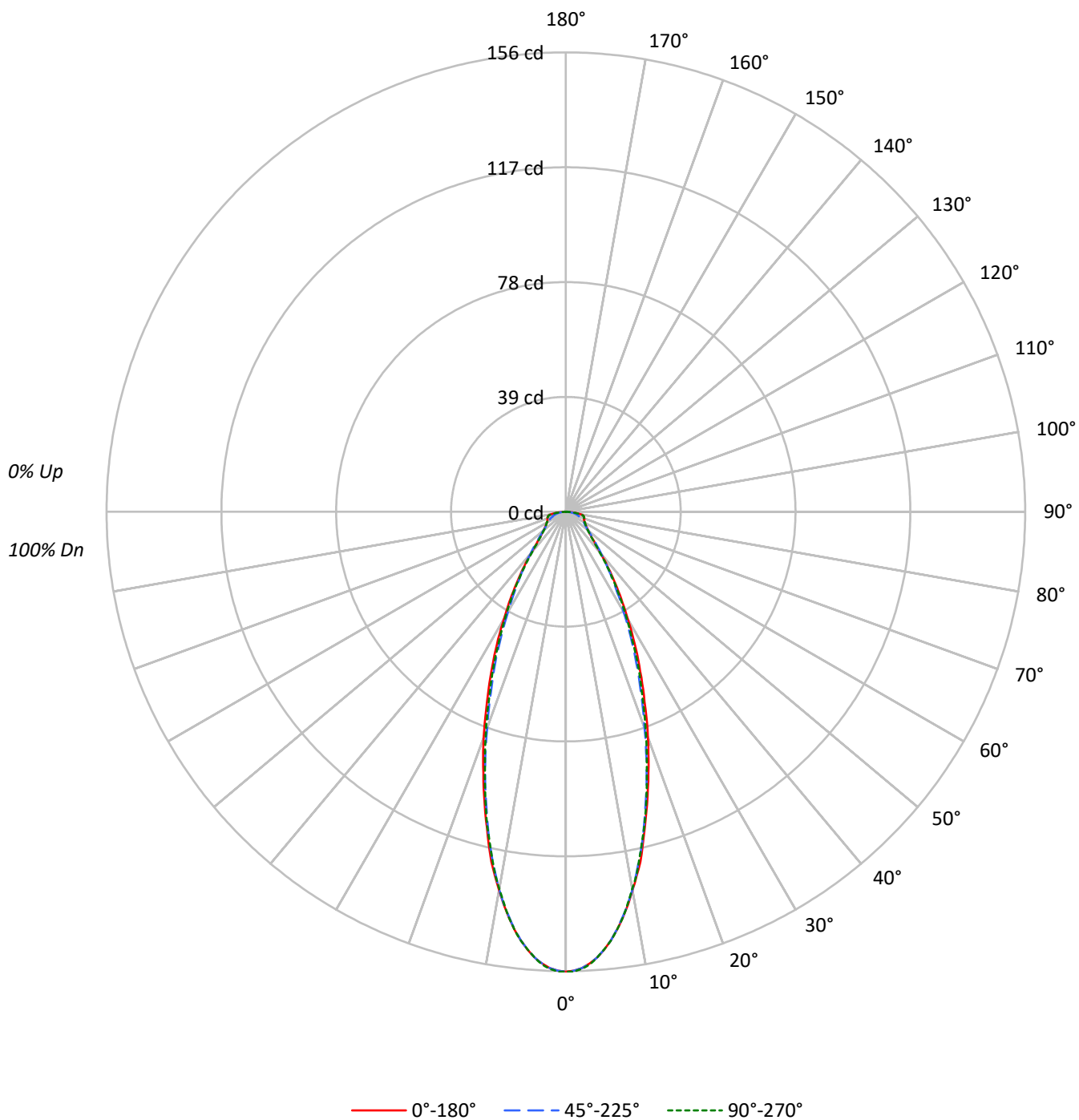
Lumens per Lamp: N/A
Luminaire Lumens: 118.0 lumens
Efficiency: N/A
Efficacy: 32.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.69
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	102	96	91	87	93	89	85		89	86	83		87
3	98	90	83	78	95	88	82	78	85	80	76		83	79	75		80
4	92	83	76	71	90	81	75	70	79	74	69		77	72	69		75
5	87	77	70	65	85	76	69	64	74	68	64		72	67	63		70
6	82	72	65	60	80	71	64	59	69	63	59		68	62	59		66
7	78	67	60	55	76	66	60	55	65	59	55		64	58	55		63
8	74	63	56	52	72	62	56	52	61	55	51		60	55	51		59
9	70	60	53	49	69	59	53	48	58	52	48		57	52	48		56
10	67	56	50	46	66	56	50	46	55	49	46		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	26901	26901	26901
5°	25811	25794	25794
10°	22822	22787	22734
15°	18846	18579	18686
20°	14937	14314	14552
25°	11364	10775	11060
30°	8372	7796	8114
35°	5992	5719	5803
40°	4114	4182	3979
45°	3044	3215	2996
50°	2653	2653	2599
55°	2522	2402	2522
60°	2583	2377	2583
65°	2812	2445	2812
70°	3374	2417	3273
75°	4192	2595	4192
80°	5356	2777	4959
85°	4347	2569	4347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 5356 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.6	11.6
10°-20°	29.0	24.6
20°-30°	26.5	22.5
30°-40°	17.5	14.8
40°-50°	10.2	8.6
50°-60°	7.4	6.3
60°-70°	6.3	5.4
70°-80°	5.2	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°	69.2	58.6
0°-40°	86.7	73.4
0°-60°	104.3	88.4
0°-90°	118.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	118.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	156	156	156	156	156	
5°	149	149	149	149	149	14
15°	106	105	104	105	105	29
25°	60	58	57	57	58	27
35°	28	28	27	27	28	18
45°	12	13	13	12	12	10
55°	8	8	8	8	8	8
65°	7	6	6	6	7	7
75°	6	5	4	5	6	7
85°	2	2	1	2	2	3
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	156.2	156.2	156.2	156.2	156.2
1°	155.9	155.9	155.9	155.9	156.2
2°	155.1	154.9	155.1	155.1	155.3
3°	153.6	153.6	153.6	153.6	154.0
4°	151.8	151.8	151.8	151.8	151.8
5°	149.3	149.2	149.2	149.3	149.2
6°	146.4	146.4	146.4	146.4	146.5
7°	143.0	142.8	142.8	142.6	143.0
8°	139.1	139.1	138.9	138.7	139.1
9°	135.0	135.2	134.8	134.6	134.6
10°	130.5	130.3	130.3	130.3	130.0
11°	126.0	125.5	125.3	125.3	125.7
12°	121.6	120.6	120.3	120.3	120.3
13°	116.2	115.8	115.2	114.9	115.0
14°	110.7	110.7	109.8	109.8	110.2
15°	105.7	105.3	104.2	104.6	104.8
17.5°	93.2	92.5	91.2	91.2	91.4
20°	81.5	80.2	78.1	79.1	79.4
22.5°	69.9	68.6	66.6	67.5	67.9
25°	59.8	58.2	56.7	56.9	58.2
27.5°	50.7	48.8	47.4	47.9	48.7
30°	42.1	41.0	39.2	40.1	40.8
32.5°	34.9	33.9	32.6	33.2	33.9
35°	28.5	28.0	27.2	27.2	27.6
37.5°	23.1	22.9	22.6	22.4	22.2
40°	18.3	18.6	18.6	18.3	17.7
42.5°	14.9	15.3	15.7	14.9	14.4
45°	12.5	12.9	13.2	12.5	12.3
47.5°	11.0	11.2	11.4	11.0	10.8
50°	9.9	9.9	9.9	9.7	9.7
52.5°	9.1	8.9	8.8	8.9	8.9
55°	8.4	8.4	8.0	8.2	8.4
57.5°	7.8	7.6	7.5	7.6	7.8
60°	7.5	7.1	6.9	7.1	7.5
62.5°	7.1	6.7	6.3	6.7	7.1
65°	6.9	6.3	6.0	6.3	6.9
67.5°	6.7	6.0	5.4	6.0	6.7
70°	6.7	5.6	4.8	5.6	6.5
72.5°	6.5	5.2	4.5	5.2	6.5
75°	6.3	4.8	3.9	4.8	6.3
77.5°	6.2	4.5	3.4	4.5	6.0
80°	5.4	4.1	2.8	4.1	5.0
82.5°	3.9	3.4	2.2	3.4	3.7
85°	2.2	2.4	1.3	2.4	2.2
87.5°	0.4	0.6	0.4	0.9	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)