

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: P1314130

Luminaire Tested: P3SQAS05R609735DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314130
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R609735DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

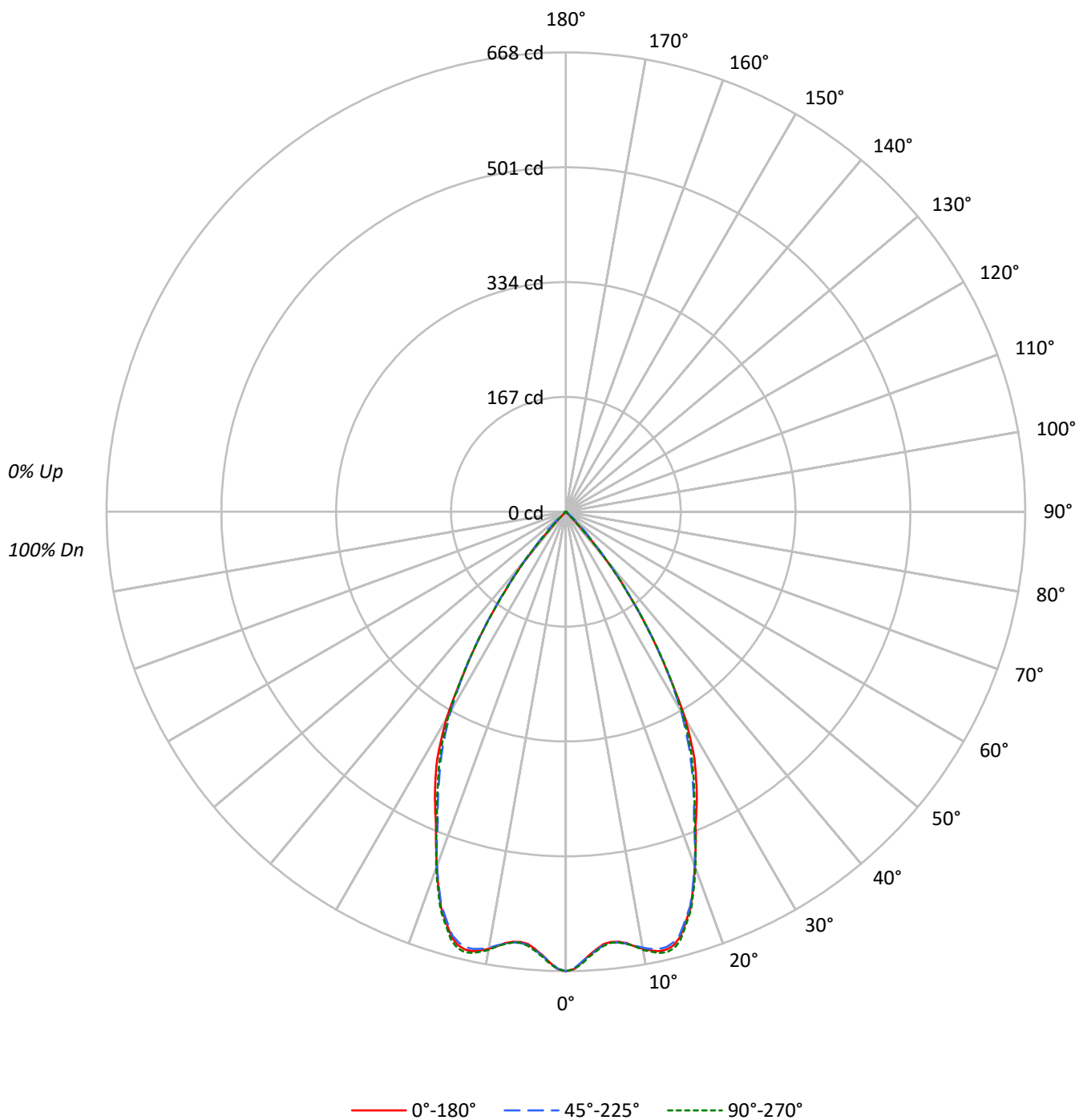
Lumens per Lamp: N/A
Luminaire Lumens: 596.0 lumens
Efficiency: N/A
Efficacy: 82.8 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	114	111	108	106	111	109	107	105	105	103	101		101	100	98		98
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	79		83
5	93	85	79	75	91	84	79	75	82	77	74		80	76	73		79
6	88	80	74	70	87	79	73	69	77	73	69		76	72	68		75
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	70	65	61	69	64	60		68	64	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	115079	115079	115079
5°	109070	109399	109554
10°	112867	112535	113112
15°	114236	113736	114895
20°	100582	100508	101021
25°	85588	83118	83821
30°	69086	66680	67793
35°	43731	44109	43626
40°	20436	21291	20751
45°	1242	7502	1486
50°	616	1742	616
55°	691	691	691
60°	654	654	654
65°	571	774	571
70°	705	705	705
75°	599	599	599
80°	496	496	496
85°	988	988	988

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 7502 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.9	10.2
10°-20°	175.4	29.4
20°-30°	202.2	33.9
30°-40°	129.8	21.8
40°-50°	22.6	3.8
50°-60°	2.1	0.4
60°-70°	1.7	0.3
70°-80°	1.0	0.2
80°-90°	0.3	0.1
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°	438.5	73.6
0°-40°	568.3	95.4
0°-60°	593.0	99.5
0°-90°	596.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	596.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	668	668	668	668	668	
5°	631	632	633	634	634	61
15°	641	638	638	642	644	176
25°	450	445	437	438	441	205
35°	208	207	210	206	208	130
45°	5	15	31	18	6	17
55°	2	2	2	2	2	2
65°	1	2	2	2	1	2
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	668.2	668.2	668.2	668.2	668.2
1°	665.4	664.9	664.5	664.9	665.4
2°	656.1	655.6	655.1	657.0	657.9
3°	645.8	646.3	646.8	647.7	648.2
4°	637.4	638.4	638.8	639.8	640.2
5°	630.9	632.3	632.8	634.2	633.7
6°	629.0	630.0	630.4	630.9	630.0
7°	630.0	630.4	630.9	631.8	630.9
8°	633.2	633.7	634.2	634.6	634.6
9°	639.8	638.8	638.4	640.2	639.8
10°	645.4	644.0	643.5	646.3	646.8
11°	650.0	648.2	647.7	650.9	651.9
12°	653.3	650.5	650.0	654.2	656.1
13°	653.3	649.5	649.5	654.2	657.0
14°	649.5	645.4	645.4	650.5	653.7
15°	640.7	638.4	637.9	642.1	644.4
17.5°	603.4	600.6	601.1	605.7	606.2
20°	548.8	547.4	548.4	549.3	551.2
22.5°	493.3	492.4	487.3	488.7	489.6
25°	450.4	445.3	437.4	437.9	441.1
27.5°	405.2	400.1	388.9	391.2	394.5
30°	347.4	343.2	335.3	336.7	340.9
32.5°	272.8	281.2	273.7	276.0	274.6
35°	208.0	206.6	209.8	205.6	207.5
37.5°	146.4	146.9	148.3	144.6	144.6
40°	90.9	93.3	94.7	92.8	92.3
42.5°	38.2	52.2	55.0	52.2	38.7
45°	5.1	15.4	30.8	18.2	6.1
47.5°	2.3	3.3	16.3	3.3	2.3
50°	2.3	2.3	6.5	2.3	2.3
52.5°	2.3	2.3	2.3	2.3	2.3
55°	2.3	2.3	2.3	2.3	2.3
57.5°	2.3	2.3	2.3	2.3	2.3
60°	1.9	1.9	1.9	1.9	1.9
62.5°	1.9	1.9	1.9	1.9	1.9
65°	1.4	1.9	1.9	1.9	1.4
67.5°	1.4	1.4	1.4	1.4	1.4
70°	1.4	1.4	1.4	1.4	1.4
72.5°	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9
80°	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5
85°	0.5	0.5	0.5	0.5	0.5
87.5°	0.0	0.0	0.0	0.0	0.0



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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)