

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: P1309144

Luminaire Tested: P3SQAS13R359035DE010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309144
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R359035DE010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

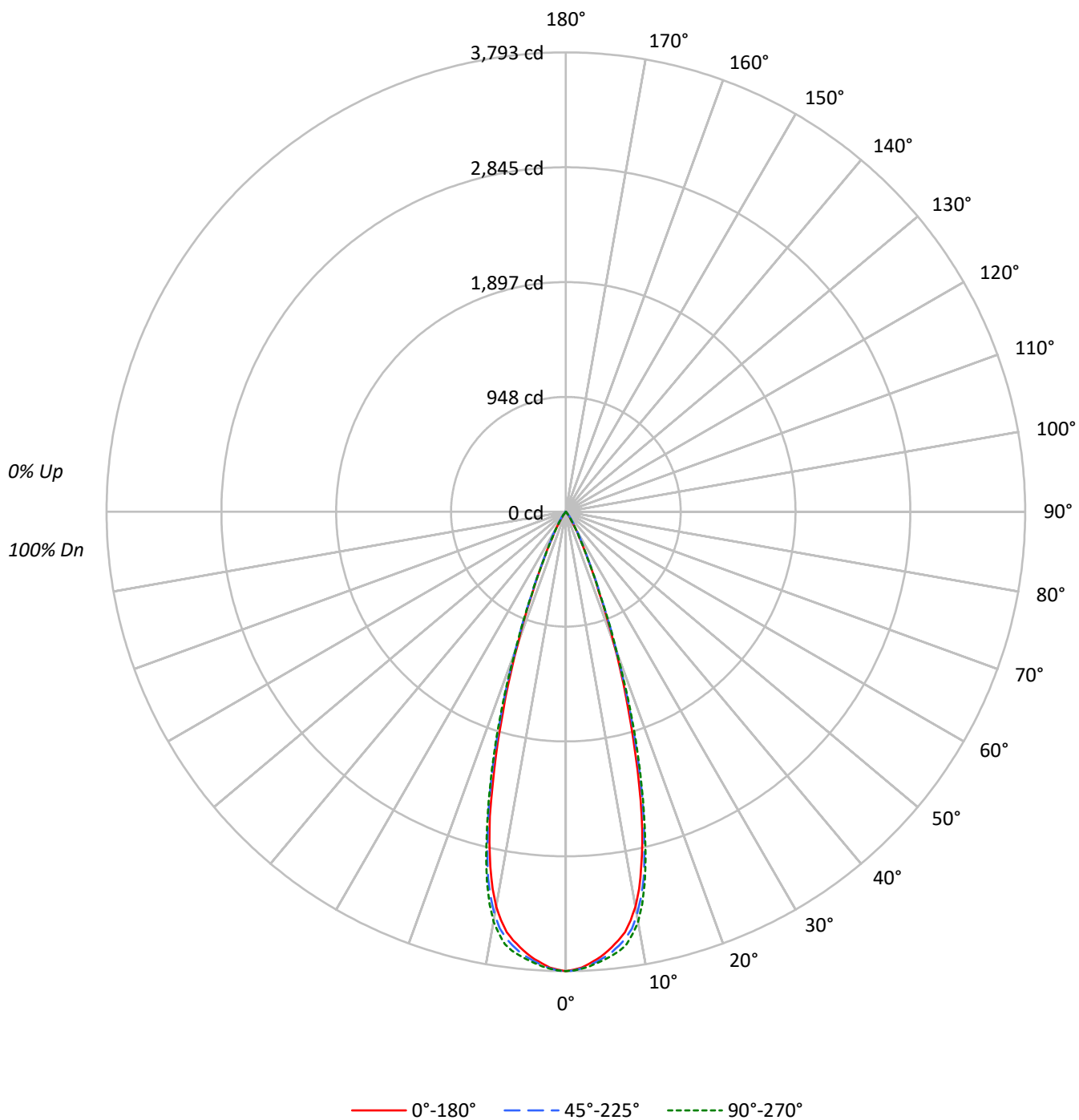
Lumens per Lamp: N/A
Luminaire Lumens: 1263.0 lumens
Efficiency: N/A
Efficacy: 86.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	95	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	92	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	88	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	85	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	82	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	79	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	76	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	74	73	72
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	71	70	69
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	69	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	653292	653292	653292
5°	633486	637981	641439
10°	578886	591128	601271
15°	416290	434494	438060
20°	211940	222570	223120
25°	80400	82130	79830
30°	31242	36213	30446
35°	10722	16820	10092
40°	3597	6520	3372
45°	244	2192	244
50°	0	268	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 2192 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	343.4	27.2
10°-20°	639.8	50.7
20°-30°	230.0	18.2
30°-40°	44.9	3.6
40°-50°	5.0	0.4
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1213.1	96.0
0°-40°	1258.0	99.6
0°-60°	1263.0	100.0
0°-90°	1263.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1263.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3793	3793	3793	3793	3793	
5°	3664	3674	3690	3707	3710	339
15°	2335	2374	2437	2454	2457	620
25°	423	427	432	429	420	222
35°	51	58	80	59	48	38
45°	1	3	9	3	1	3
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
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°	3793.3	3793.3	3793.3	3793.3	3793.3
1°	3782.3	3787.3	3788.3	3795.3	3787.3
2°	3766.3	3769.3	3773.3	3779.3	3775.3
3°	3735.3	3741.3	3750.3	3758.3	3758.3
4°	3702.3	3710.3	3721.3	3735.3	3734.3
5°	3664.3	3674.3	3690.3	3707.3	3710.3
6°	3616.3	3628.3	3654.3	3678.3	3682.3
7°	3565.3	3583.3	3608.3	3643.3	3652.3
8°	3505.2	3519.2	3555.2	3596.3	3606.3
9°	3417.2	3438.2	3484.2	3522.2	3528.2
10°	3310.2	3325.2	3380.2	3420.2	3438.2
11°	3172.1	3194.1	3248.1	3289.2	3301.2
12°	2996.1	3028.1	3091.1	3121.1	3131.1
13°	2806.0	2833.0	2882.0	2919.0	2927.0
14°	2591.9	2617.9	2668.9	2698.9	2691.9
15°	2334.8	2373.8	2436.9	2453.9	2456.9
17.5°	1724.6	1749.6	1805.6	1832.6	1851.7
20°	1156.4	1180.4	1214.4	1232.4	1217.4
22.5°	703.2	723.3	741.3	740.3	735.3
25°	423.1	427.2	432.2	429.2	420.1
27.5°	247.1	258.1	273.1	263.1	248.1
30°	157.1	166.1	182.1	165.1	153.1
32.5°	83.0	105.0	122.0	99.0	87.0
35°	51.0	58.0	80.0	59.0	48.0
37.5°	31.0	36.0	50.0	35.0	28.0
40°	16.0	23.0	29.0	21.0	15.0
42.5°	5.0	11.0	16.0	10.0	5.0
45°	1.0	3.0	9.0	3.0	1.0
47.5°	0.0	0.0	4.0	1.0	0.0
50°	0.0	0.0	1.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
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)