

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: P1315374

Luminaire Tested: P3SQAS13R359740DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315374
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R359740DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

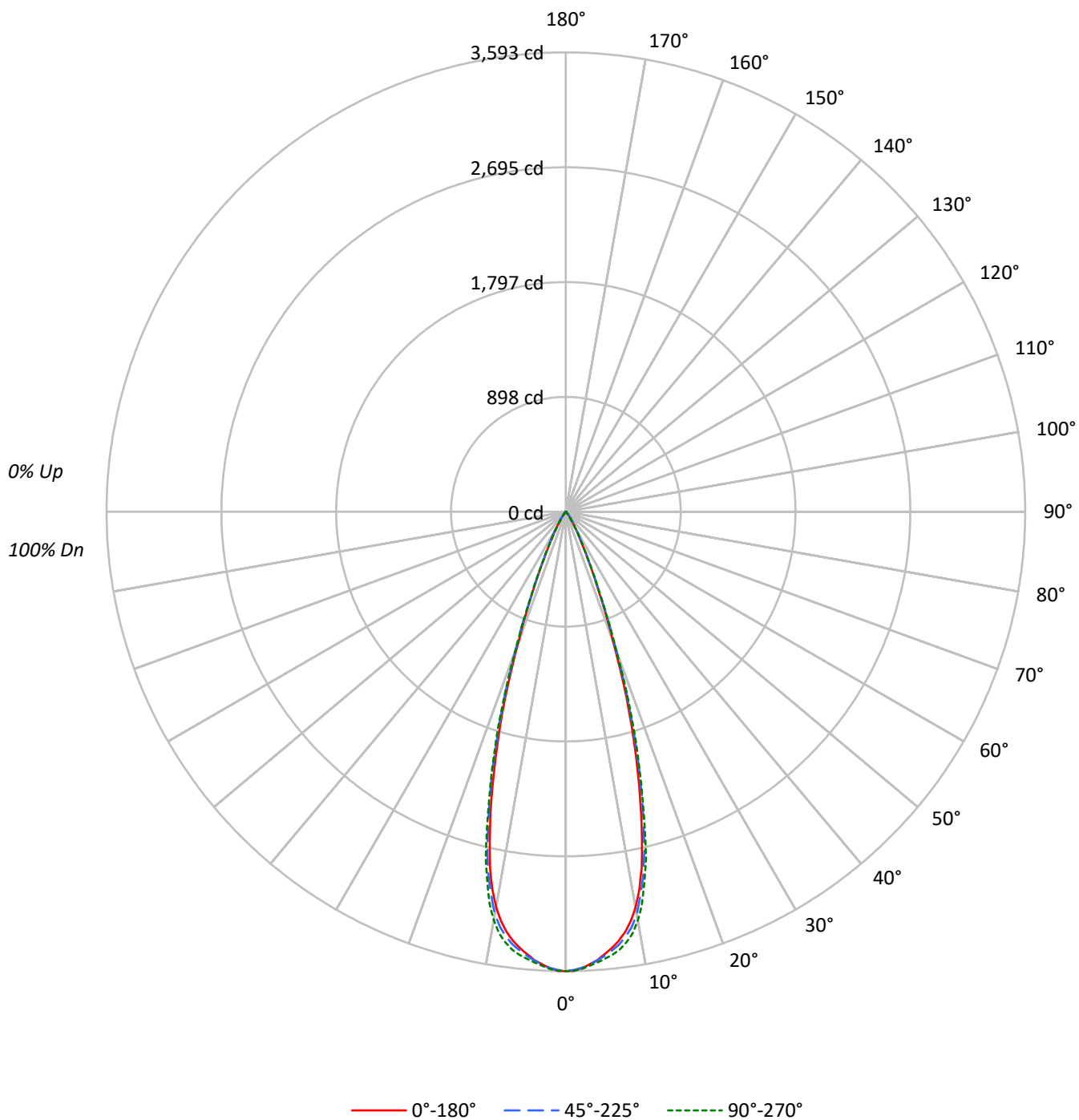
Lumens per Lamp: N/A
Luminaire Lumens: 1206.9 lumens
Efficiency: N/A
Efficacy: 82.7 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94
4	103	98	94	91	102	97	93	90	95	92	89		93	90	88		91
5	100	94	90	86	99	93	89	86	91	88	85		90	87	85		89
6	97	90	86	83	96	90	86	83	88	85	82		87	84	82		86
7	94	87	83	80	93	87	82	79	85	82	79		84	81	79		83
8	91	84	80	77	90	84	79	77	83	79	76		82	78	76		81
9	88	81	77	74	88	81	77	74	80	76	74		79	76	74		79
10	86	79	75	72	85	78	74	72	78	74	71		77	74	71		76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	618848	618848	618848
5°	600518	602644	606707
10°	549331	558880	567449
15°	394306	408748	412956
20°	198341	209905	210419
25°	75175	77493	77854
30°	30526	35020	29969
35°	11080	16841	10701
40°	4654	7194	4451
45°	1145	2971	1145
50°	750	1259	750
55°	841	841	841
60°	964	964	964
65°	774	774	774
70°	453	453	453
75°	599	599	599
80°	893	893	893
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 2971 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	324.9	26.9
10°-20°	605.2	50.1
20°-30°	217.7	18.0
30°-40°	45.7	3.8
40°-50°	7.9	0.7
50°-60°	2.6	0.2
60°-70°	1.9	0.2
70°-80°	1.0	0.1
80°-90°	0.2	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°	1147.8	95.1
0°-40°	1193.5	98.9
0°-60°	1204.0	99.8
0°-90°	1206.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1206.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3593	3593	3593	3593	3593	
5°	3474	3480	3486	3509	3509	322
15°	2212	2250	2292	2317	2316	589
25°	396	401	408	412	410	210
35°	53	62	80	61	51	40
45°	5	8	12	8	5	6
55°	3	3	3	3	3	3
65°	2	2	2	2	2	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°	3593.3	3593.3	3593.3	3593.3	3593.3
1°	3591.4	3591.4	3583.8	3592.3	3589.5
2°	3571.6	3573.5	3568.8	3579.1	3578.2
3°	3544.3	3549.0	3545.2	3560.3	3555.6
4°	3515.1	3518.8	3517.0	3535.8	3533.9
5°	3473.6	3480.2	3485.9	3509.4	3509.4
6°	3431.3	3437.8	3450.1	3475.5	3484.0
7°	3382.3	3390.8	3410.5	3444.4	3450.1
8°	3320.1	3329.5	3356.8	3393.6	3401.1
9°	3242.9	3257.0	3288.1	3332.4	3337.1
10°	3141.2	3152.5	3195.8	3232.5	3244.8
11°	3009.3	3018.7	3057.3	3116.7	3124.2
12°	2849.2	2860.5	2910.4	2949.0	2956.5
13°	2646.7	2668.3	2728.6	2766.3	2787.0
14°	2438.5	2467.7	2511.0	2564.7	2551.5
15°	2211.5	2250.1	2292.5	2317.0	2316.1
17.5°	1654.9	1677.5	1715.2	1729.3	1748.1
20°	1082.2	1111.4	1145.3	1158.5	1148.1
22.5°	671.6	679.1	689.5	695.1	693.2
25°	395.6	401.2	407.8	411.6	409.7
27.5°	238.3	251.5	260.9	249.6	243.0
30°	153.5	159.2	176.1	161.1	150.7
32.5°	91.4	104.5	118.7	100.8	87.6
35°	52.7	62.2	80.1	61.2	50.9
37.5°	33.9	38.6	51.8	37.7	33.0
40°	20.7	26.4	32.0	24.5	19.8
42.5°	10.4	16.0	18.8	14.1	10.4
45°	4.7	7.5	12.2	7.5	4.7
47.5°	2.8	3.8	7.5	3.8	2.8
50°	2.8	2.8	4.7	2.8	2.8
52.5°	2.8	2.8	2.8	2.8	2.8
55°	2.8	2.8	2.8	2.8	2.8
57.5°	2.8	2.8	2.8	2.8	2.8
60°	2.8	2.8	2.8	2.8	2.8
62.5°	1.9	1.9	1.9	1.9	1.9
65°	1.9	1.9	1.9	1.9	1.9
67.5°	1.9	1.9	1.9	1.9	1.9
70°	0.9	0.9	0.9	0.9	0.9
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°	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	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)