

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: P1316699

Luminaire Tested: P3SQAS02R359830DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316699
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: P3SQAS02R359830DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

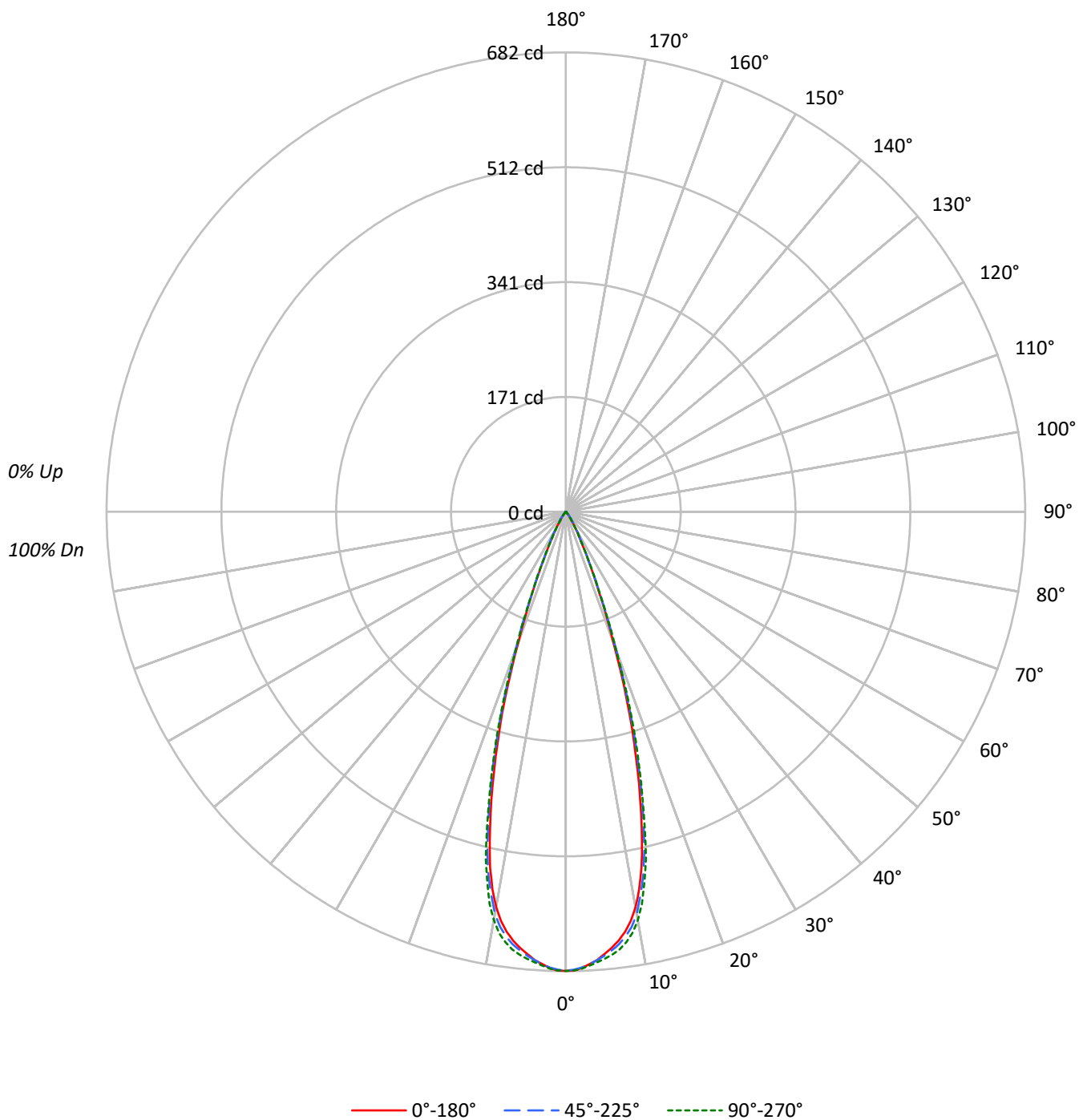
Lumens per Lamp: N/A
Luminaire Lumens: 229.0 lumens
Efficiency: N/A
Efficacy: 63.6 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	117404	117404	117404
5°	113928	114343	115104
10°	104228	106029	107656
15°	74814	77560	78344
20°	37626	39826	39917
25°	14271	14708	14765
30°	5787	6642	5688
35°	2102	3196	2018
40°	877	1371	854
45°	219	560	219
50°	134	241	134
55°	150	150	150
60°	172	172	172
65°	163	163	163
70°	101	101	101
75°	133	133	133
80°	198	198	198
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 560 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.6	26.9
10°-20°	114.8	50.1
20°-30°	41.3	18.0
30°-40°	8.7	3.8
40°-50°	1.5	0.6
50°-60°	0.5	0.2
60°-70°	0.4	0.2
70°-80°	0.2	0.1
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°	217.8	95.1
0°-40°	226.4	98.9
0°-60°	228.4	99.7
0°-90°	229.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	229.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	682	682	682	682	682	
5°	659	660	661	666	666	61
15°	420	427	435	440	439	112
25°	75	76	77	78	78	40
35°	10	12	15	12	10	8
45°	1	1	2	1	1	1
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°	681.7	681.7	681.7	681.7	681.7
1°	681.4	681.4	679.9	681.6	681.0
2°	677.6	678.0	677.1	679.1	678.9
3°	672.4	673.3	672.6	675.5	674.6
4°	666.9	667.6	667.3	670.8	670.5
5°	659.0	660.3	661.4	665.8	665.8
6°	651.0	652.3	654.6	659.4	661.0
7°	641.7	643.3	647.1	653.5	654.6
8°	629.9	631.7	636.9	643.9	645.3
9°	615.3	617.9	623.8	632.2	633.1
10°	596.0	598.1	606.3	613.3	615.6
11°	570.9	572.7	580.1	591.3	592.7
12°	540.6	542.7	552.2	559.5	560.9
13°	502.1	506.3	517.7	524.8	528.8
14°	462.7	468.2	476.4	486.6	484.1
15°	419.6	426.9	435.0	439.6	439.4
17.5°	314.0	318.3	325.4	328.1	331.7
20°	205.3	210.9	217.3	219.8	217.8
22.5°	127.4	128.8	130.8	131.9	131.5
25°	75.1	76.1	77.4	78.1	77.7
27.5°	45.2	47.7	49.5	47.4	46.1
30°	29.1	30.2	33.4	30.6	28.6
32.5°	17.3	19.8	22.5	19.1	16.6
35°	10.0	11.8	15.2	11.6	9.6
37.5°	6.4	7.3	9.8	7.1	6.3
40°	3.9	5.0	6.1	4.6	3.8
42.5°	2.0	3.0	3.6	2.7	2.0
45°	0.9	1.4	2.3	1.4	0.9
47.5°	0.5	0.7	1.4	0.7	0.5
50°	0.5	0.5	0.9	0.5	0.5
52.5°	0.5	0.5	0.5	0.5	0.5
55°	0.5	0.5	0.5	0.5	0.5
57.5°	0.5	0.5	0.5	0.5	0.5
60°	0.5	0.5	0.5	0.5	0.5
62.5°	0.4	0.4	0.4	0.4	0.4
65°	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4
70°	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	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)