

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: P1317575

Luminaire Tested: P3SQAS02R359835DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317575
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: P3SQAS02R359835DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

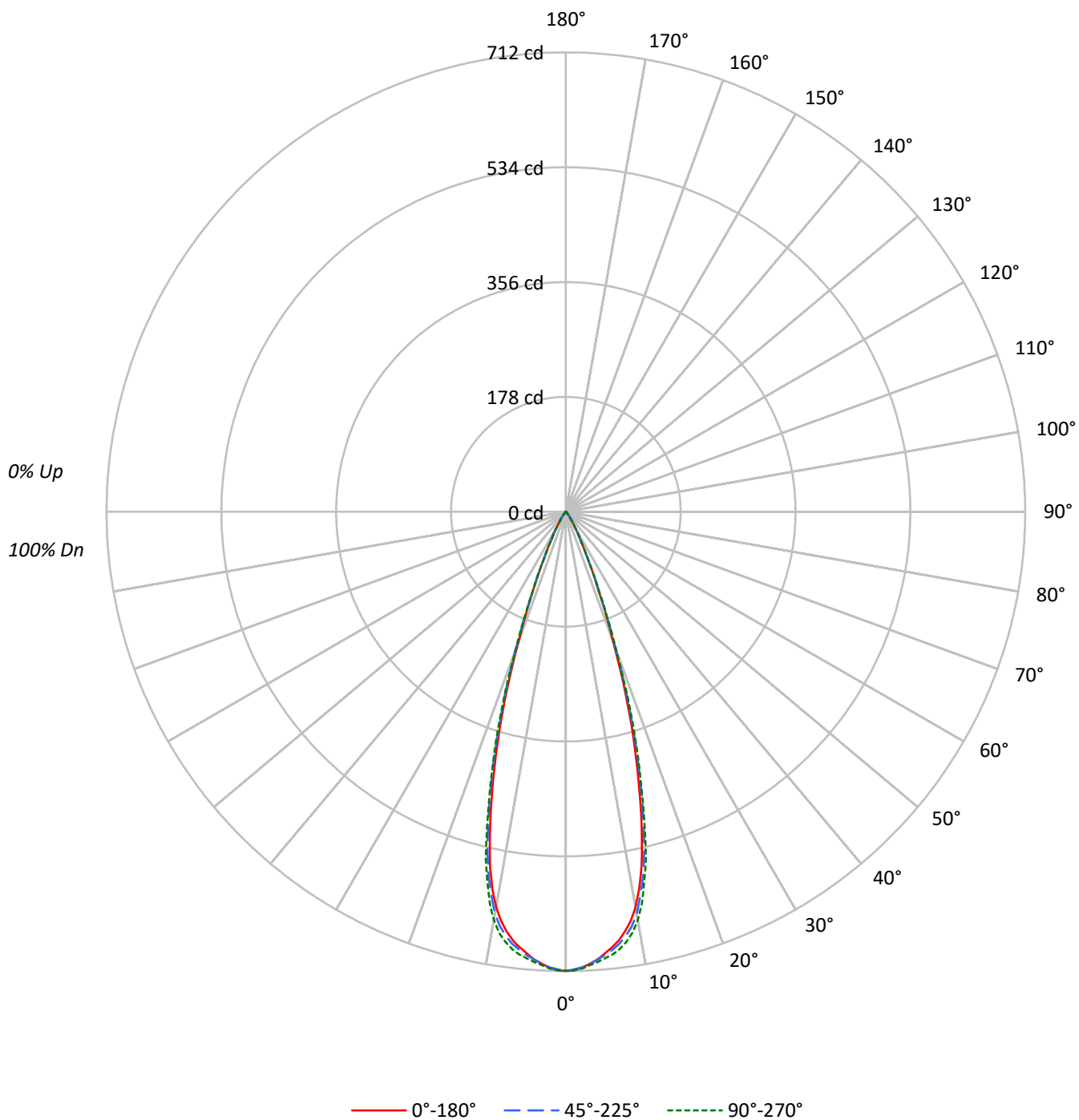
Lumens per Lamp: N/A
Luminaire Lumens: 239.1 lumens
Efficiency: N/A
Efficacy: 66.4 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	122536	122536	122536
5°	118907	119322	120135
10°	108775	110664	112360
15°	78077	80929	81767
20°	39276	41567	41659
25°	14879	15354	15411
30°	6046	6940	5926
35°	2187	3343	2123
40°	922	1416	877
45°	219	585	219
50°	161	241	161
55°	180	180	180
60°	207	207	207
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: 585 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.3	26.9
10°-20°	119.8	50.1
20°-30°	43.1	18.0
30°-40°	9.1	3.8
40°-50°	1.6	0.7
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°	227.3	95.1
0°-40°	236.3	98.9
0°-60°	238.4	99.7
0°-90°	239.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	239.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	712	712	712	712	712	
5°	688	689	690	695	695	64
15°	438	446	454	459	459	117
25°	78	79	81	82	81	42
35°	10	12	16	12	10	8
45°	1	2	2	2	1	1
55°	1	1	1	1	1	1
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°	711.5	711.5	711.5	711.5	711.5
1°	711.1	711.1	709.6	711.3	710.8
2°	707.2	707.6	706.7	708.7	708.5
3°	701.8	702.7	702.0	705.0	704.0
4°	696.0	696.8	696.4	700.1	699.8
5°	687.8	689.1	690.2	694.9	694.9
6°	679.4	680.7	683.2	688.2	689.9
7°	669.7	671.4	675.3	682.0	683.2
8°	657.4	659.3	664.7	672.0	673.5
9°	642.1	644.9	651.1	659.8	660.8
10°	622.0	624.2	632.8	640.1	642.5
11°	595.9	597.7	605.4	617.1	618.6
12°	564.2	566.4	576.3	583.9	585.4
13°	524.1	528.4	540.3	547.8	551.9
14°	482.9	488.6	497.2	507.8	505.2
15°	437.9	445.6	453.9	458.8	458.6
17.5°	327.7	332.2	339.6	342.4	346.1
20°	214.3	220.1	226.8	229.4	227.3
22.5°	133.0	134.5	136.5	137.6	137.3
25°	78.3	79.4	80.8	81.5	81.1
27.5°	47.2	49.8	51.7	49.4	48.1
30°	30.4	31.5	34.9	31.9	29.8
32.5°	18.1	20.7	23.5	20.0	17.3
35°	10.4	12.3	15.9	12.1	10.1
37.5°	6.7	7.6	10.3	7.5	6.5
40°	4.1	5.2	6.3	4.8	3.9
42.5°	2.1	3.2	3.7	2.8	2.1
45°	0.9	1.5	2.4	1.5	0.9
47.5°	0.6	0.7	1.5	0.7	0.6
50°	0.6	0.6	0.9	0.6	0.6
52.5°	0.6	0.6	0.6	0.6	0.6
55°	0.6	0.6	0.6	0.6	0.6
57.5°	0.6	0.6	0.6	0.6	0.6
60°	0.6	0.6	0.6	0.6	0.6
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)