

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: P1317573

Luminaire Tested: P3SQAS02R359835DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317573
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: P3SQAS02R359835DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

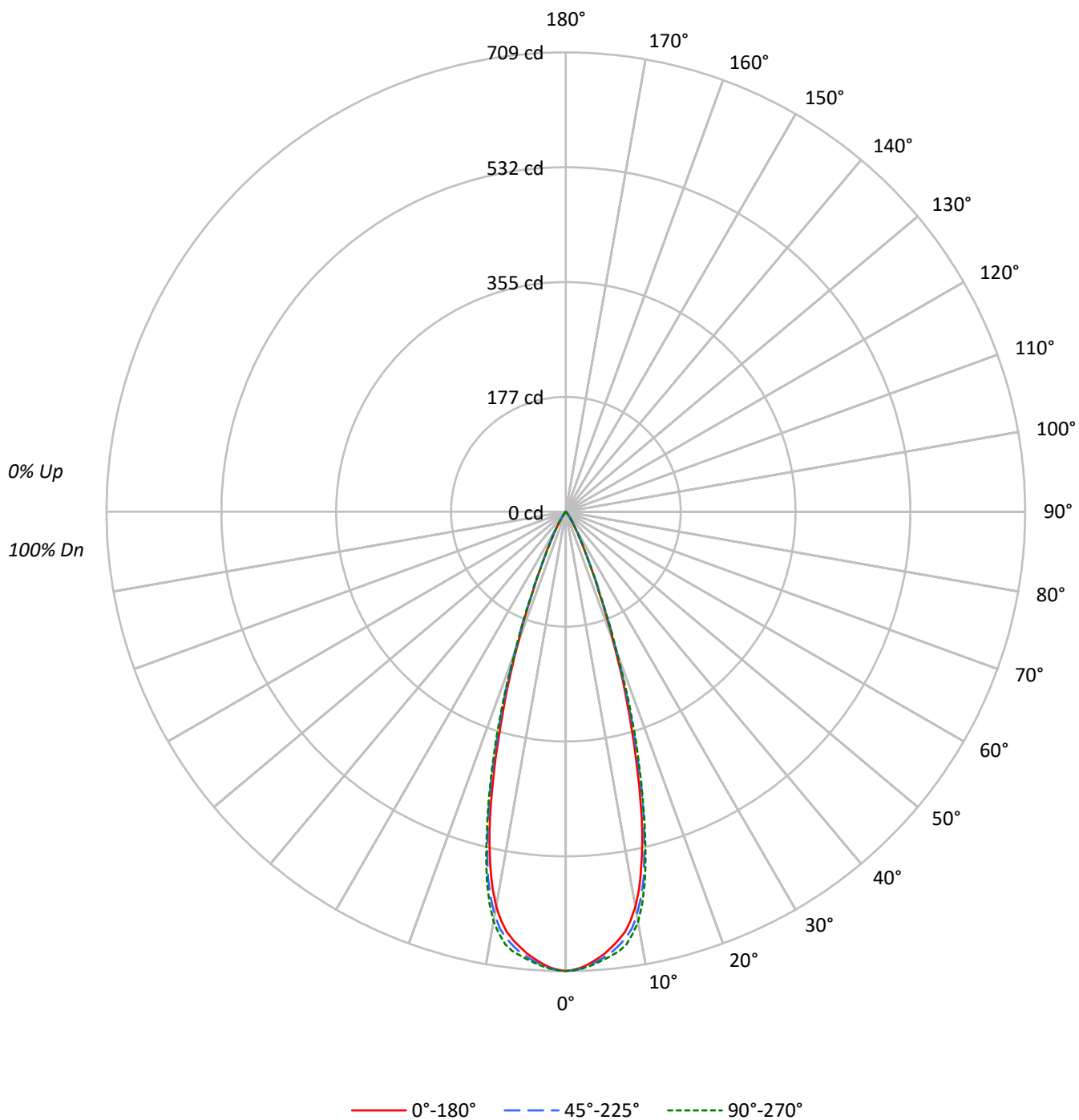
Lumens per Lamp: N/A
Luminaire Lumens: 236.0 lumens
Efficiency: N/A
Efficacy: 65.6 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1317573

CATALOG NUMBER: P3SQAS02R359835DE010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1317573

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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	66

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	122071	122071	122071
5°	118371	119218	119858
10°	108163	110454	112360
15°	77791	81179	81857
20°	39606	41585	41695
25°	15031	15354	14917
30°	5827	6761	5688
35°	1997	3154	1892
40°	674	1214	629
45°	49	414	49
50°	0	54	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: 414 cd/sqm

TEST NUMBER: P1317573

CATALOG NUMBER: P3SQAS02R359835DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.2	27.2
10°-20°	119.5	50.7
20°-30°	43.0	18.2
30°-40°	8.4	3.5
40°-50°	0.9	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°	226.7	96.1
0°-40°	235.0	99.6
0°-60°	236.0	100.0
0°-90°	236.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	236.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	709	709	709	709	709	
5°	685	687	690	693	693	63
15°	436	444	455	458	459	116
25°	79	80	81	80	78	41
35°	10	11	15	11	9	7
45°	0	1	2	1	0	0
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	

TEST NUMBER: P1317573

CATALOG NUMBER: P3SQAS02R359835DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	708.8	708.8	708.8	708.8	708.8
1°	706.8	707.7	707.9	709.2	707.7
2°	703.8	704.3	705.1	706.2	705.4
3°	698.0	699.1	700.8	702.3	702.3
4°	691.8	693.3	695.4	698.0	697.8
5°	684.7	686.6	689.6	692.7	693.3
6°	675.7	678.0	682.8	687.3	688.1
7°	666.2	669.6	674.2	680.8	682.5
8°	655.0	657.6	664.3	672.0	673.9
9°	638.5	642.5	651.1	658.2	659.3
10°	618.5	621.3	631.6	639.1	642.5
11°	592.7	596.8	606.9	614.6	616.8
12°	559.8	565.8	577.6	583.2	585.1
13°	524.3	529.4	538.5	545.4	546.9
14°	484.3	489.2	498.7	504.3	503.0
15°	436.3	443.6	455.3	458.5	459.1
17.5°	322.3	326.9	337.4	342.4	346.0
20°	216.1	220.6	226.9	230.3	227.5
22.5°	131.4	135.1	138.5	138.3	137.4
25°	79.1	79.8	80.8	80.2	78.5
27.5°	46.2	48.2	51.0	49.2	46.4
30°	29.3	31.0	34.0	30.8	28.6
32.5°	15.5	19.6	22.8	18.5	16.3
35°	9.5	10.8	15.0	11.0	9.0
37.5°	5.8	6.7	9.3	6.5	5.2
40°	3.0	4.3	5.4	3.9	2.8
42.5°	0.9	2.1	3.0	1.9	0.9
45°	0.2	0.6	1.7	0.6	0.2
47.5°	0.0	0.0	0.7	0.2	0.0
50°	0.0	0.0	0.2	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



TEST NUMBER: P1317573

CATALOG NUMBER: P3SQAS02R359835DE010 E3SQCD1MB

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)