

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: P1315821

Luminaire Tested: P3SQAS02R359827DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315821
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: P3SQAS02R359827DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

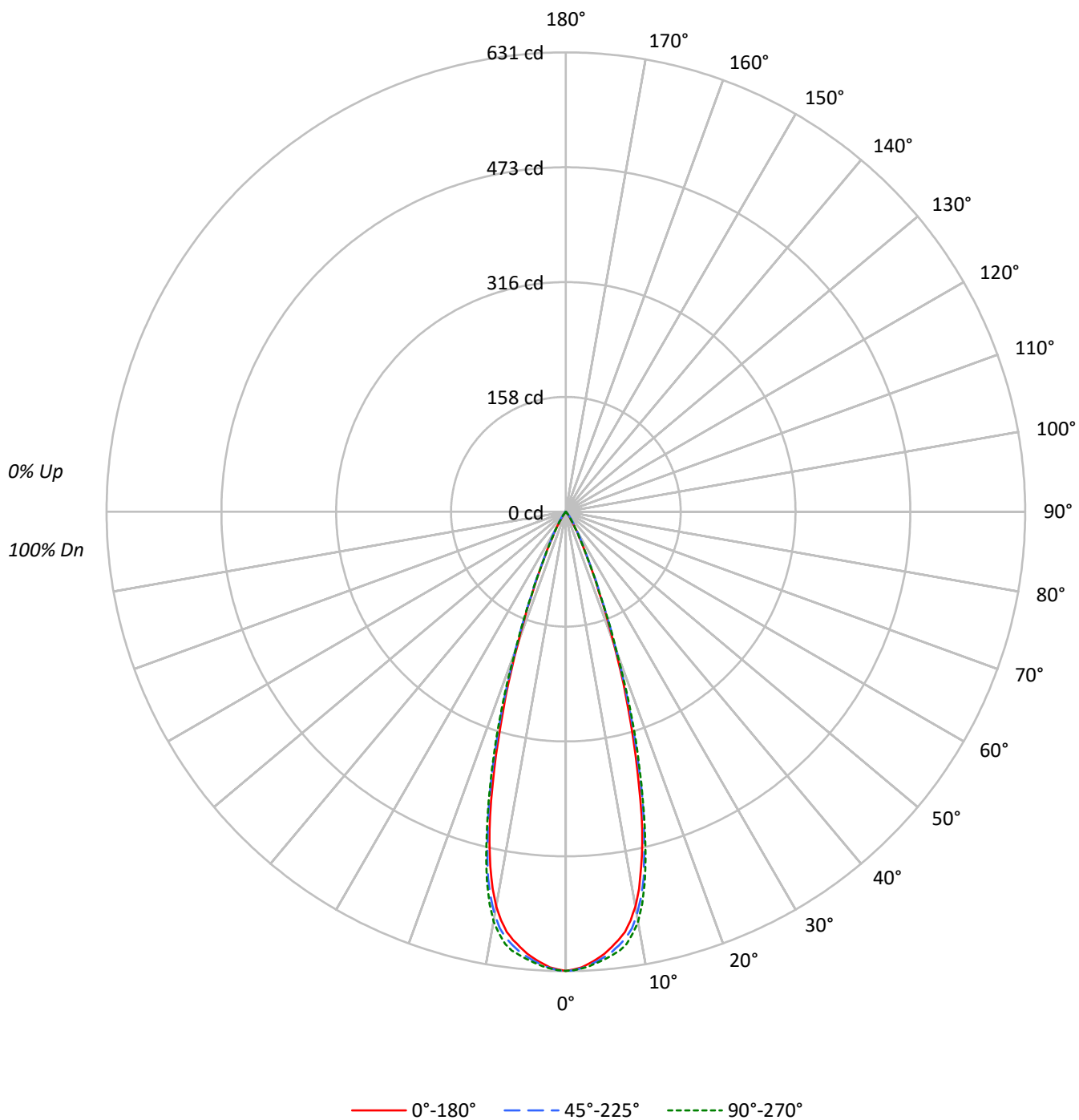
Lumens per Lamp: N/A
Luminaire Lumens: 210.0 lumens
Efficiency: N/A
Efficacy: 58.3 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1315821

CATALOG NUMBER: P3SQAS02R359827DE010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1315821

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	108621	108621	108621
5°	105336	106079	106650
10°	96254	98282	99979
15°	69215	72246	72835
20°	35244	37003	37095
25°	13378	13663	13283
30°	5190	6026	5051
35°	1787	2796	1682
40°	607	1079	562
45°	49	365	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: 365 cd/sqm

TEST NUMBER: P1315821

CATALOG NUMBER: P3SQAS02R359827DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.1	27.2
10°-20°	106.4	50.7
20°-30°	38.2	18.2
30°-40°	7.5	3.6
40°-50°	0.8	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°	201.7	96.0
0°-40°	209.2	99.6
0°-60°	210.0	100.0
0°-90°	210.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	210.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	631	631	631	631	631	
5°	609	611	614	616	617	56
15°	388	395	405	408	408	103
25°	70	71	72	71	70	37
35°	8	10	13	10	8	6
45°	0	0	2	0	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: P1315821

CATALOG NUMBER: P3SQAS02R359827DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	630.7	630.7	630.7	630.7	630.7
1°	628.9	629.7	629.9	631.1	629.7
2°	626.2	626.7	627.4	628.4	627.7
3°	621.1	622.1	623.6	624.9	624.9
4°	615.6	616.9	618.7	621.1	620.9
5°	609.3	610.9	613.6	616.4	616.9
6°	601.3	603.3	607.6	611.6	612.3
7°	592.8	595.8	599.9	605.8	607.3
8°	582.8	585.1	591.1	598.0	599.6
9°	568.2	571.7	579.3	585.6	586.6
10°	550.4	552.9	562.0	568.7	571.7
11°	527.4	531.1	540.1	546.9	548.9
12°	498.2	503.5	514.0	518.9	520.6
13°	466.6	471.0	479.2	485.3	486.7
14°	431.0	435.3	443.8	448.8	447.6
15°	388.2	394.7	405.2	408.0	408.5
17.5°	286.8	290.9	300.2	304.7	307.9
20°	192.3	196.3	201.9	204.9	202.4
22.5°	116.9	120.3	123.2	123.1	122.3
25°	70.4	71.0	71.9	71.4	69.9
27.5°	41.1	42.9	45.4	43.7	41.2
30°	26.1	27.6	30.3	27.4	25.4
32.5°	13.8	17.5	20.3	16.5	14.5
35°	8.5	9.6	13.3	9.8	8.0
37.5°	5.2	6.0	8.3	5.8	4.7
40°	2.7	3.8	4.8	3.5	2.5
42.5°	0.8	1.8	2.7	1.7	0.8
45°	0.2	0.5	1.5	0.5	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: P1315821

CATALOG NUMBER: P3SQAS02R359827DE010 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)