

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: P1308650

Luminaire Tested: P3SQAS02R359035DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308650
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: P3SQAS02R359035DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

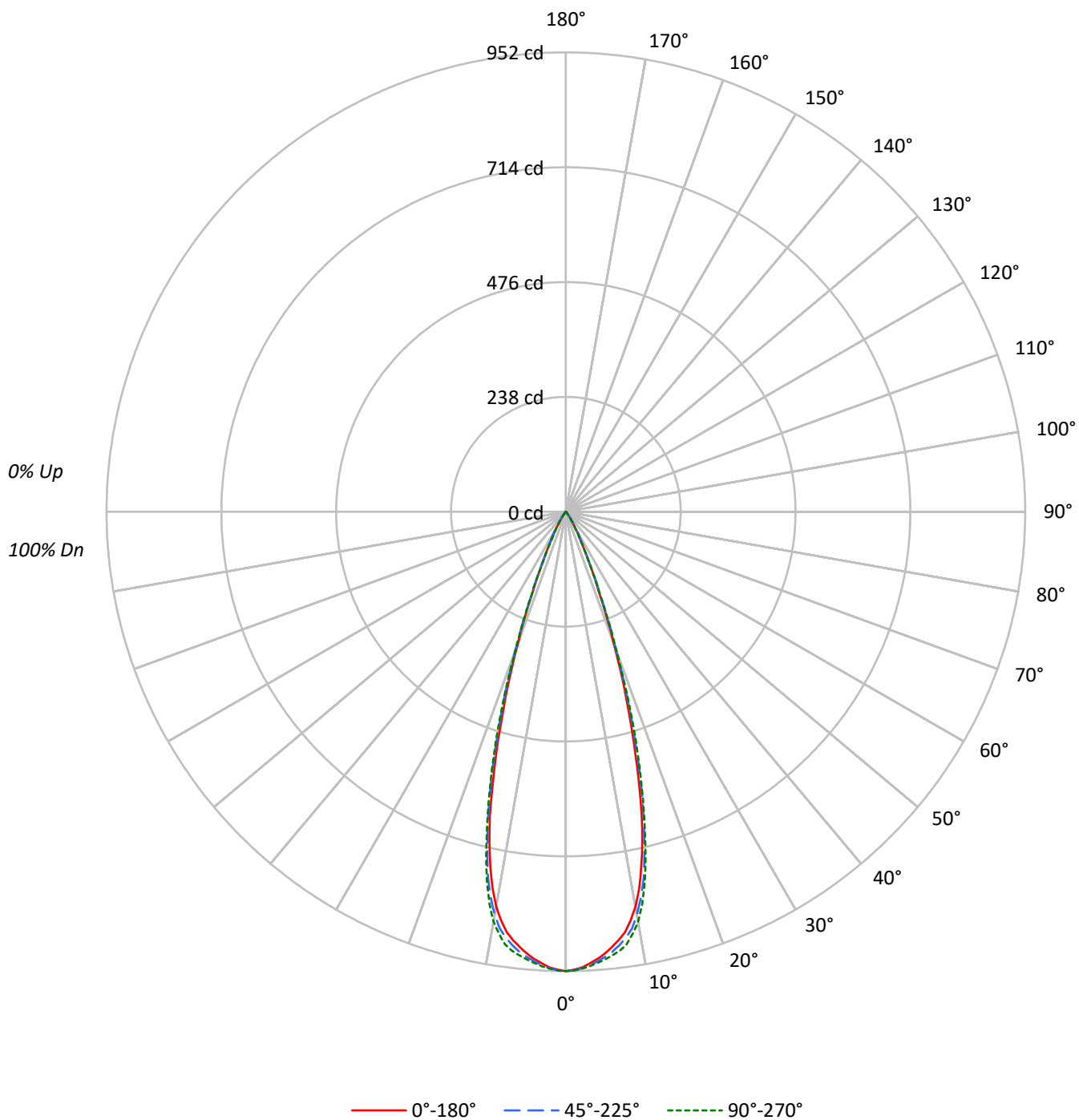
Lumens per Lamp: N/A
Luminaire Lumens: 317.0 lumens
Efficiency: N/A
Efficacy: 88.1 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1308650

CATALOG NUMBER: P3SQAS02R359035DE010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1308650

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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°	163973	163973	163973
5°	158998	160122	160986
10°	145290	148368	150921
15°	104483	109047	109939
20°	53187	55862	56009
25°	20181	20618	20048
30°	7835	9088	7636
35°	2691	4226	2544
40°	899	1641	854
45°	73	560	73
50°	0	80	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: 560 cd/sqm

TEST NUMBER: P1308650

CATALOG NUMBER: P3SQAS02R359035DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.2	27.2
10°-20°	160.6	50.7
20°-30°	57.7	18.2
30°-40°	11.3	3.6
40°-50°	1.3	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°	304.5	96.0
0°-40°	315.7	99.6
0°-60°	317.0	100.0
0°-90°	317.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	317.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	952	952	952	952	952	
5°	920	922	926	930	931	85
15°	586	596	612	616	617	156
25°	106	107	108	108	106	56
35°	13	15	20	15	12	10
45°	0	1	2	1	0	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	

TEST NUMBER: P1308650

CATALOG NUMBER: P3SQAS02R359035DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	952.1	952.1	952.1	952.1	952.1
1°	949.3	950.6	950.8	952.6	950.6
2°	945.3	946.1	947.1	948.6	947.6
3°	937.5	939.0	941.3	943.3	943.3
4°	929.2	931.2	934.0	937.5	937.3
5°	919.7	922.2	926.2	930.5	931.2
6°	907.6	910.7	917.2	923.2	924.2
7°	894.8	899.4	905.6	914.4	916.7
8°	879.8	883.3	892.3	902.6	905.1
9°	857.7	863.0	874.5	884.0	885.6
10°	830.8	834.6	848.4	858.4	863.0
11°	796.2	801.7	815.2	825.5	828.6
12°	752.0	760.0	775.8	783.4	785.9
13°	704.3	711.1	723.4	732.6	734.7
14°	650.5	657.1	669.9	677.4	675.7
15°	586.0	595.8	611.6	615.9	616.6
17.5°	432.9	439.1	453.2	460.0	464.7
20°	290.2	296.3	304.8	309.3	305.6
22.5°	176.5	181.5	186.0	185.8	184.5
25°	106.2	107.2	108.5	107.7	105.5
27.5°	62.0	64.8	68.5	66.0	62.3
30°	39.4	41.7	45.7	41.4	38.4
32.5°	20.8	26.4	30.6	24.9	21.8
35°	12.8	14.6	20.1	14.8	12.1
37.5°	7.8	9.0	12.6	8.8	7.0
40°	4.0	5.8	7.3	5.3	3.8
42.5°	1.3	2.8	4.0	2.5	1.3
45°	0.3	0.8	2.3	0.8	0.3
47.5°	0.0	0.0	1.0	0.3	0.0
50°	0.0	0.0	0.3	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: P1308650

CATALOG NUMBER: P3SQAS02R359035DE010 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)