

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: P1314845

Luminaire Tested: P3SQAS02R259740DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314845
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R259740DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

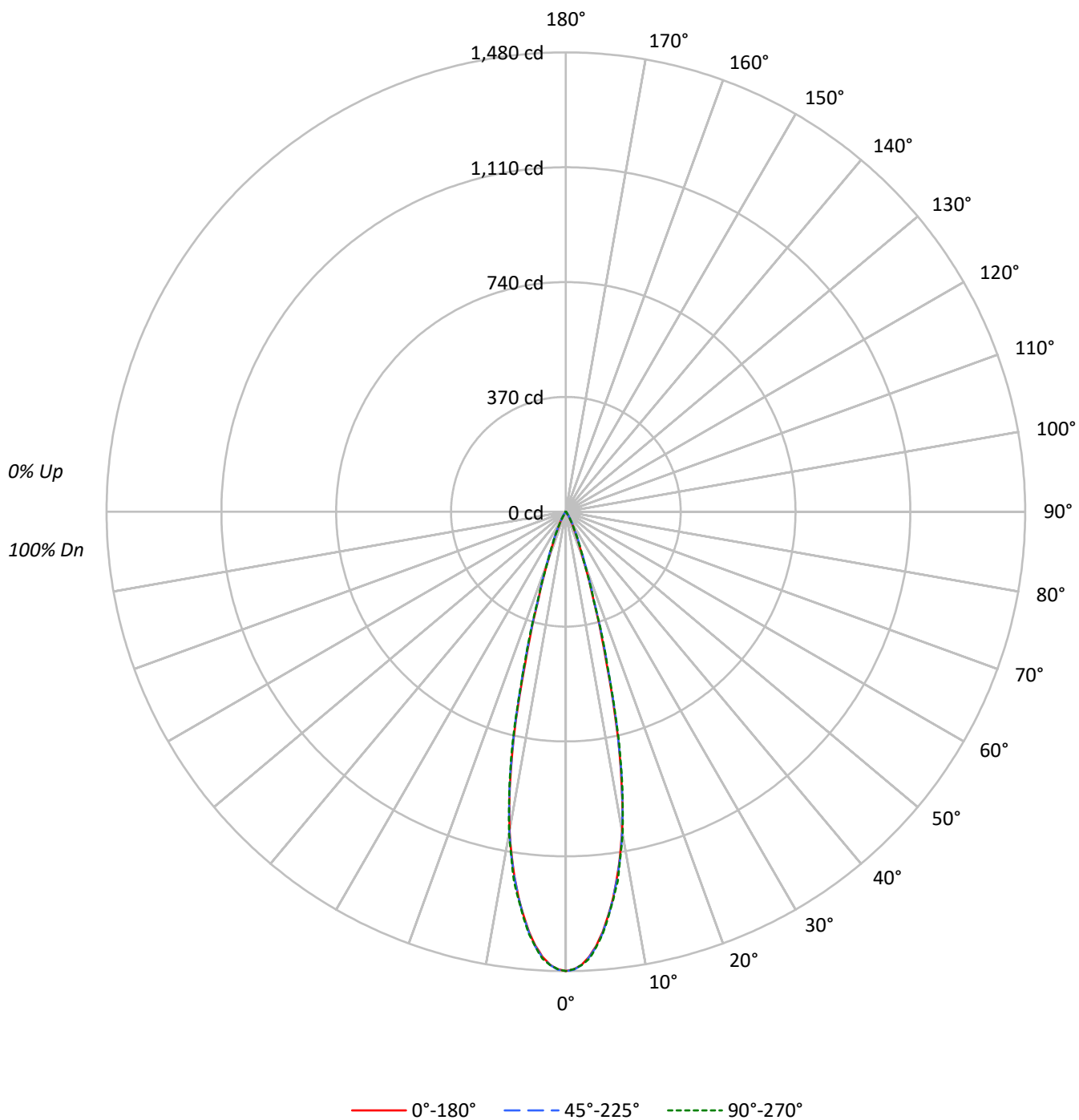
Lumens per Lamp: N/A
Luminaire Lumens: 308.0 lumens
Efficiency: N/A
Efficacy: 85.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1314845

CATALOG NUMBER: P3SQAS02R259740DE010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1314845

CATALOG NUMBER: P3SQAS02R259740DE010 E3SQCD1MB

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	110	113	111	110	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	254838	254838	254838
5°	234979	235498	235999
10°	182434	183099	184096
15°	90165	93945	93999
20°	30350	32385	30974
25°	12580	13967	12941
30°	4932	6205	4972
35°	1282	2544	1346
40°	472	1012	472
45°	49	292	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: 292 cd/sqm

TEST NUMBER: P1314845

CATALOG NUMBER: P3SQAS02R259740DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.9	38.9
10°-20°	145.0	47.1
20°-30°	35.4	11.5
30°-40°	6.9	2.2
40°-50°	0.8	0.3
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°	300.3	97.5
0°-40°	307.2	99.7
0°-60°	308.0	100.0
0°-90°	308.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	308.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1480	1480	1480	1480	1480	
5°	1359	1361	1362	1368	1365	120
15°	506	518	527	532	527	142
25°	66	70	74	70	68	34
35°	6	9	12	9	6	5
45°	0	1	1	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: P1314845

CATALOG NUMBER: P3SQAS02R259740DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1479.7	1479.7	1479.7	1479.7	1479.7
1°	1474.0	1475.0	1475.2	1476.6	1473.8
2°	1460.5	1460.8	1461.5	1464.3	1461.7
3°	1435.7	1437.4	1437.6	1441.4	1442.1
4°	1401.9	1402.9	1404.8	1411.2	1405.5
5°	1359.2	1361.1	1362.2	1368.2	1365.1
6°	1306.2	1306.7	1309.3	1316.2	1311.9
7°	1252.4	1252.1	1252.4	1257.8	1256.6
8°	1187.4	1186.2	1190.0	1196.6	1201.1
9°	1119.6	1121.2	1123.6	1130.0	1124.8
10°	1043.2	1047.7	1047.0	1047.5	1052.7
11°	955.3	956.8	957.0	962.0	961.2
12°	852.1	852.1	859.9	867.9	865.3
13°	747.9	755.2	750.0	751.7	762.1
14°	626.4	632.1	639.2	645.8	640.6
15°	505.7	517.7	526.9	532.1	527.2
17.5°	289.7	293.7	301.5	302.5	299.4
20°	165.6	170.6	176.7	174.9	169.0
22.5°	104.2	105.6	111.8	108.7	107.3
25°	66.2	69.7	73.5	70.4	68.1
27.5°	41.1	43.5	47.5	44.2	41.6
30°	24.8	26.9	31.2	26.7	25.0
32.5°	13.0	16.1	19.6	16.3	13.0
35°	6.1	8.7	12.1	8.7	6.4
37.5°	3.8	4.7	7.3	4.7	3.8
40°	2.1	3.1	4.5	3.1	2.1
42.5°	0.9	1.7	2.1	1.7	1.2
45°	0.2	0.7	1.2	0.7	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: P1314845
CATALOG NUMBER: P3SQAS02R259740DE010 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)