

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: P1309734

Luminaire Tested: P3SQAS02R259040DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309734
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: P3SQAS02R259040DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

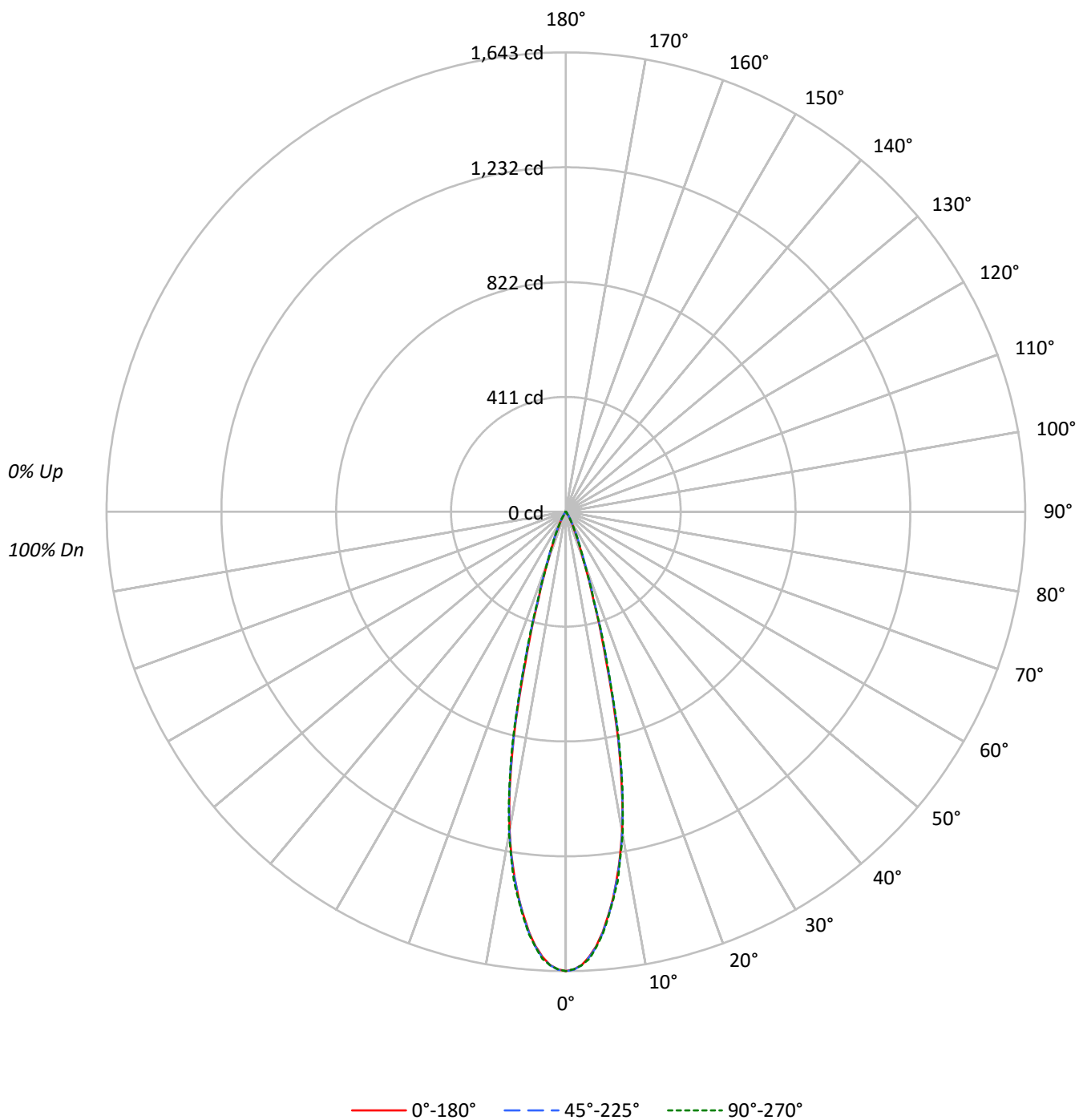
Lumens per Lamp: N/A
Luminaire Lumens: 342.0 lumens
Efficiency: N/A
Efficacy: 95.0 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	282962	282962	282962
5°	260911	261499	262052
10°	202580	203315	204417
15°	100114	104322	104376
20°	33704	35977	34382
25°	13967	15506	14366
30°	5469	6881	5528
35°	1430	2817	1493
40°	540	1124	540
45°	73	317	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: 317 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.1	38.9
10°-20°	161.0	47.1
20°-30°	39.3	11.5
30°-40°	7.6	2.2
40°-50°	0.9	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°	333.5	97.5
0°-40°	341.1	99.7
0°-60°	342.0	100.0
0°-90°	342.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	342.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1643	1643	1643	1643	1643	
5°	1509	1511	1513	1519	1516	133
15°	562	575	585	591	585	158
25°	74	77	82	78	76	37
35°	7	10	13	10	7	6
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1643.0	1643.0	1643.0	1643.0	1643.0
1°	1636.7	1637.8	1638.0	1639.6	1636.5
2°	1621.8	1622.0	1622.8	1626.0	1623.1
3°	1594.2	1596.1	1596.3	1600.5	1601.3
4°	1556.7	1557.8	1559.8	1566.9	1560.6
5°	1509.2	1511.3	1512.6	1519.2	1515.8
6°	1450.4	1451.0	1453.8	1461.5	1456.7
7°	1390.6	1390.4	1390.6	1396.6	1395.3
8°	1318.5	1317.1	1321.3	1328.7	1333.7
9°	1243.2	1245.0	1247.6	1254.7	1248.9
10°	1158.4	1163.4	1162.6	1163.1	1168.9
11°	1060.8	1062.4	1062.6	1068.1	1067.4
12°	946.1	946.1	954.8	963.7	960.8
13°	830.4	838.6	832.8	834.6	846.2
14°	695.6	701.9	709.7	717.1	711.3
15°	561.5	574.9	585.1	590.9	585.4
17.5°	321.7	326.1	334.8	335.8	332.4
20°	183.9	189.4	196.3	194.2	187.6
22.5°	115.7	117.3	124.1	120.7	119.1
25°	73.5	77.4	81.6	78.2	75.6
27.5°	45.7	48.3	52.7	49.1	46.2
30°	27.5	29.9	34.6	29.6	27.8
32.5°	14.4	17.8	21.8	18.1	14.4
35°	6.8	9.7	13.4	9.7	7.1
37.5°	4.2	5.2	8.1	5.2	4.2
40°	2.4	3.4	5.0	3.4	2.4
42.5°	1.0	1.8	2.4	1.8	1.3
45°	0.3	0.8	1.3	0.8	0.3
47.5°	0.0	0.0	0.8	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



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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)