

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: P1311304

Luminaire Tested: P3SQAS13R259050DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311304
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: P3SQAS13R259050DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

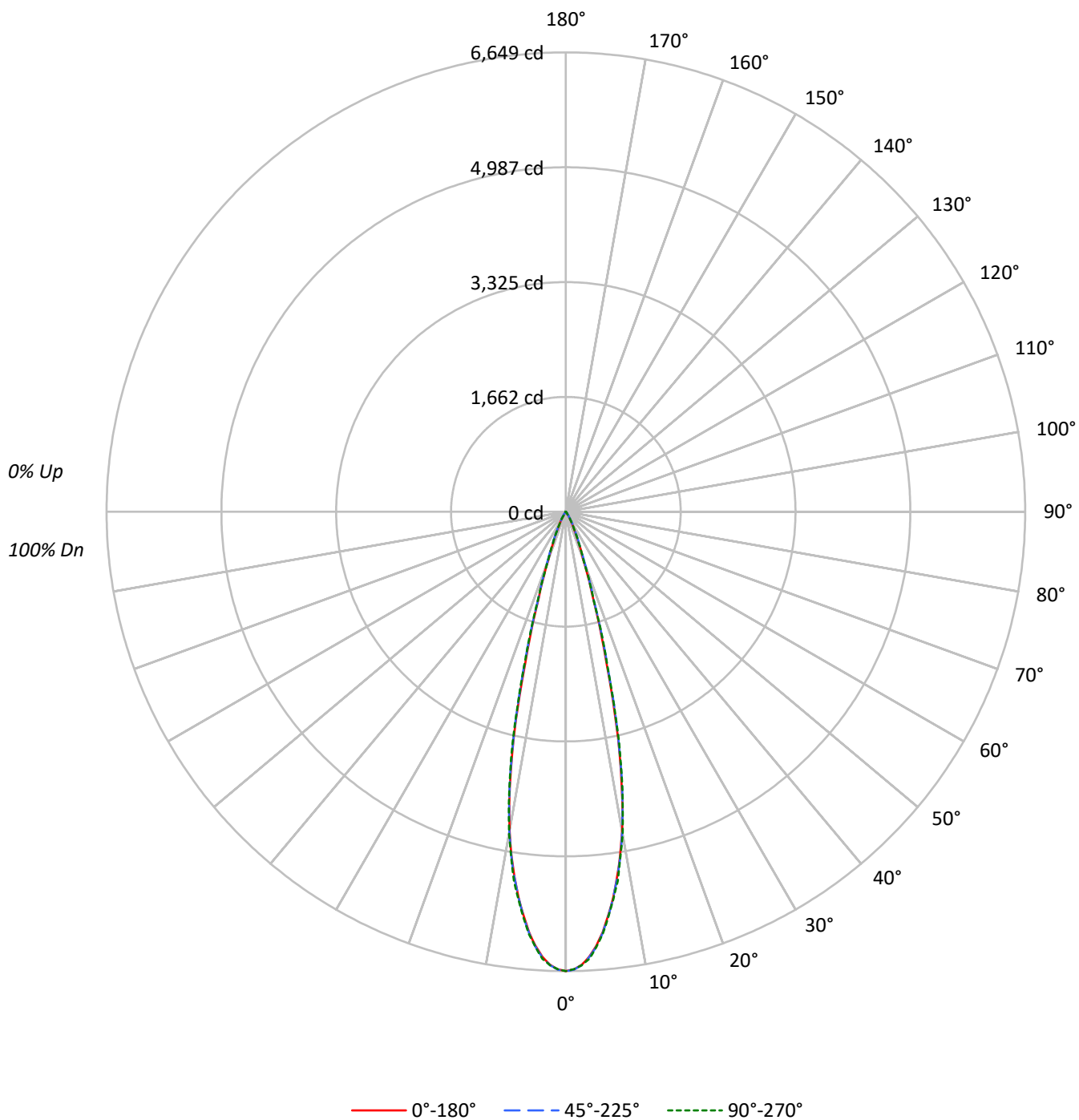
Lumens per Lamp: N/A
Luminaire Lumens: 1384.0 lumens
Efficiency: N/A
Efficacy: 94.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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°	1145108	1145108	1145108
5°	1055850	1058236	1060449
10°	819800	822773	827232
15°	405129	422174	422370
20°	136412	145557	139143
25°	56495	62747	58110
30°	22174	27881	22392
35°	5803	11395	6034
40°	2158	4541	2158
45°	268	1291	268
50°	0	295	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: 1291 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	538.8	38.9
10°-20°	651.7	47.1
20°-30°	159.1	11.5
30°-40°	30.9	2.2
40°-50°	3.5	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°	1349.5	97.5
0°-40°	1380.5	99.7
0°-60°	1384.0	100.0
0°-90°	1384.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1384.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6649	6649	6649	6649	6649	
5°	6107	6116	6121	6148	6134	537
15°	2272	2326	2368	2391	2369	640
25°	297	313	330	316	306	151
35°	28	39	54	39	29	25
45°	1	3	5	3	1	2
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°	6649.0	6649.0	6649.0	6649.0	6649.0
1°	6623.5	6627.7	6628.8	6635.2	6622.4
2°	6563.0	6564.0	6567.2	6579.9	6568.3
3°	6451.5	6458.9	6460.0	6477.0	6480.1
4°	6299.6	6303.9	6312.4	6341.0	6315.6
5°	6107.4	6115.9	6121.2	6147.8	6134.0
6°	5869.6	5871.7	5883.4	5914.2	5895.1
7°	5627.5	5626.5	5627.5	5651.9	5646.6
8°	5335.5	5330.2	5347.2	5376.9	5397.1
9°	5030.8	5038.2	5048.8	5077.5	5054.1
10°	4687.8	4708.0	4704.8	4706.9	4730.3
11°	4292.8	4299.2	4300.3	4322.6	4319.4
12°	3828.8	3828.8	3863.9	3900.0	3888.3
13°	3360.6	3393.5	3370.1	3377.6	3424.3
14°	2814.8	2840.3	2872.2	2901.9	2878.5
15°	2272.2	2326.4	2367.8	2391.2	2368.9
17.5°	1301.8	1319.8	1354.9	1359.1	1345.3
20°	744.3	766.6	794.2	785.7	759.2
22.5°	468.3	474.6	502.2	488.4	482.1
25°	297.3	313.2	330.2	316.4	305.8
27.5°	184.8	195.4	213.4	198.6	186.9
30°	111.5	121.0	140.2	120.0	112.6
32.5°	58.4	72.2	88.1	73.3	58.4
35°	27.6	39.3	54.2	39.3	28.7
37.5°	17.0	21.2	32.9	21.2	17.0
40°	9.6	13.8	20.2	13.8	9.6
42.5°	4.2	7.4	9.6	7.4	5.3
45°	1.1	3.2	5.3	3.2	1.1
47.5°	0.0	0.0	3.2	1.1	0.0
50°	0.0	0.0	1.1	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)