

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: P1317101

Luminaire Tested: P3SQAS13R259830DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317101
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: P3SQAS13R259830DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

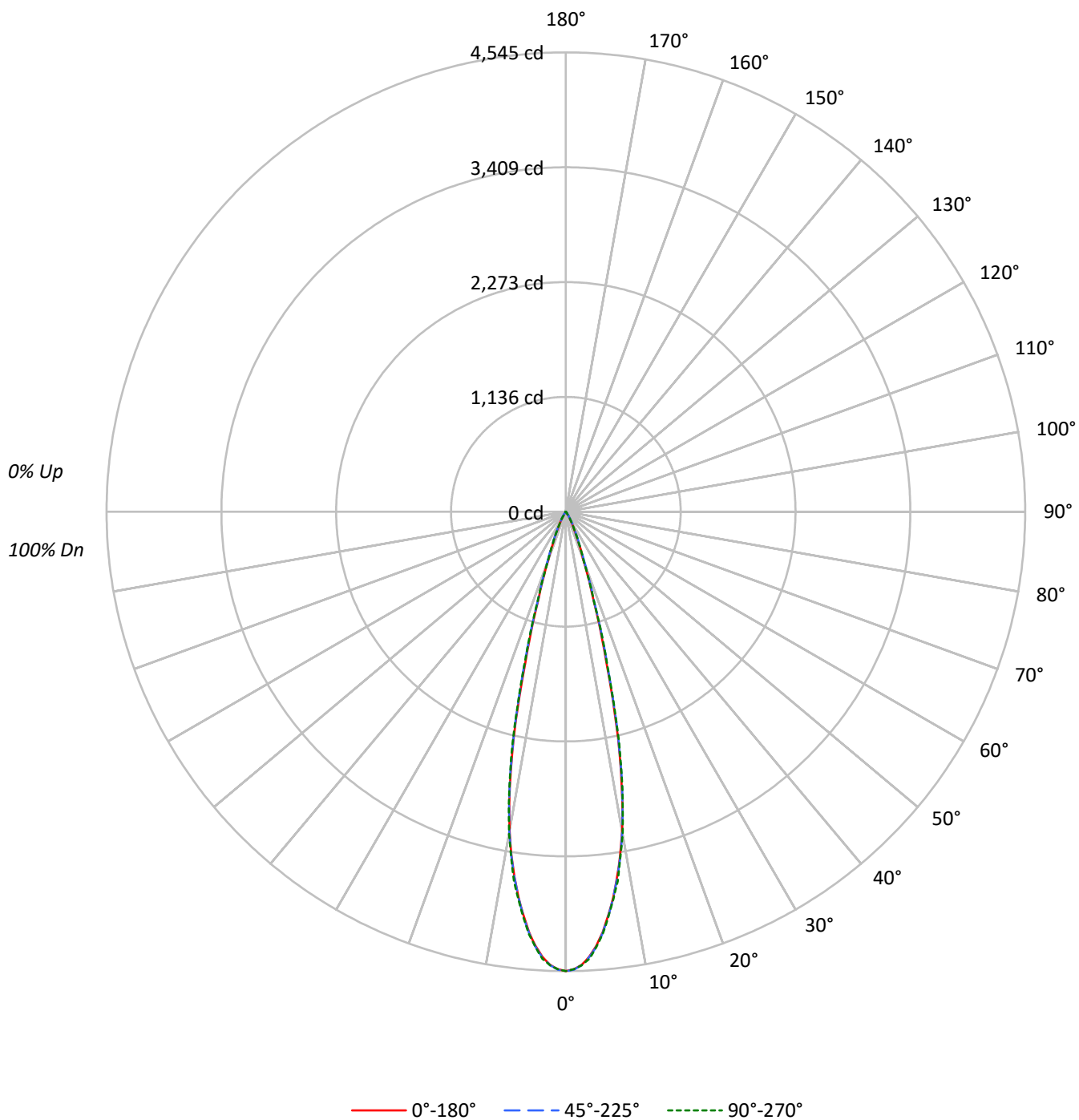
Lumens per Lamp: N/A
Luminaire Lumens: 946.0 lumens
Efficiency: N/A
Efficacy: 65.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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°	782700	782700	782700
5°	721707	723332	724836
10°	560366	562395	565438
15°	276915	288575	288700
20°	93251	99500	95102
25°	38613	42889	39716
30°	15154	19051	15293
35°	3974	7779	4121
40°	1461	3103	1461
45°	170	877	170
50°	0	188	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: 877 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	368.3	38.9
10°-20°	445.4	47.1
20°-30°	108.8	11.5
30°-40°	21.1	2.2
40°-50°	2.4	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°	922.4	97.5
0°-40°	943.6	99.7
0°-60°	946.0	100.0
0°-90°	946.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	946.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4545	4545	4545	4545	4545	
5°	4175	4180	4184	4202	4193	367
15°	1553	1590	1618	1634	1619	437
25°	203	214	226	216	209	103
35°	19	27	37	27	20	17
45°	1	2	4	2	1	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4544.7	4544.7	4544.7	4544.7	4544.7
1°	4527.3	4530.2	4530.9	4535.3	4526.6
2°	4486.0	4486.7	4488.9	4497.6	4489.6
3°	4409.7	4414.8	4415.6	4427.2	4429.3
4°	4306.0	4308.9	4314.7	4334.3	4316.8
5°	4174.6	4180.4	4184.0	4202.2	4192.7
6°	4012.0	4013.5	4021.5	4042.5	4029.4
7°	3846.6	3845.8	3846.6	3863.2	3859.6
8°	3647.0	3643.3	3655.0	3675.3	3689.1
9°	3438.7	3443.8	3451.0	3470.6	3454.6
10°	3204.3	3218.0	3215.9	3217.3	3233.3
11°	2934.3	2938.6	2939.3	2954.6	2952.4
12°	2617.1	2617.1	2641.1	2665.7	2657.8
13°	2297.0	2319.5	2303.6	2308.7	2340.6
14°	1924.0	1941.4	1963.2	1983.5	1967.5
15°	1553.1	1590.2	1618.5	1634.4	1619.2
17.5°	889.8	902.1	926.1	929.0	919.5
20°	508.8	524.0	542.9	537.1	518.9
22.5°	320.1	324.4	343.3	333.9	329.5
25°	203.2	214.1	225.7	216.3	209.0
27.5°	126.3	133.5	145.9	135.7	127.7
30°	76.2	82.7	95.8	82.0	76.9
32.5°	39.9	49.4	60.2	50.1	39.9
35°	18.9	26.9	37.0	26.9	19.6
37.5°	11.6	14.5	22.5	14.5	11.6
40°	6.5	9.4	13.8	9.4	6.5
42.5°	2.9	5.1	6.5	5.1	3.6
45°	0.7	2.2	3.6	2.2	0.7
47.5°	0.0	0.0	2.2	0.7	0.0
50°	0.0	0.0	0.7	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)