

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: P1309109

Luminaire Tested: P3SQAS13R259035DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309109
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: P3SQAS13R259035DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

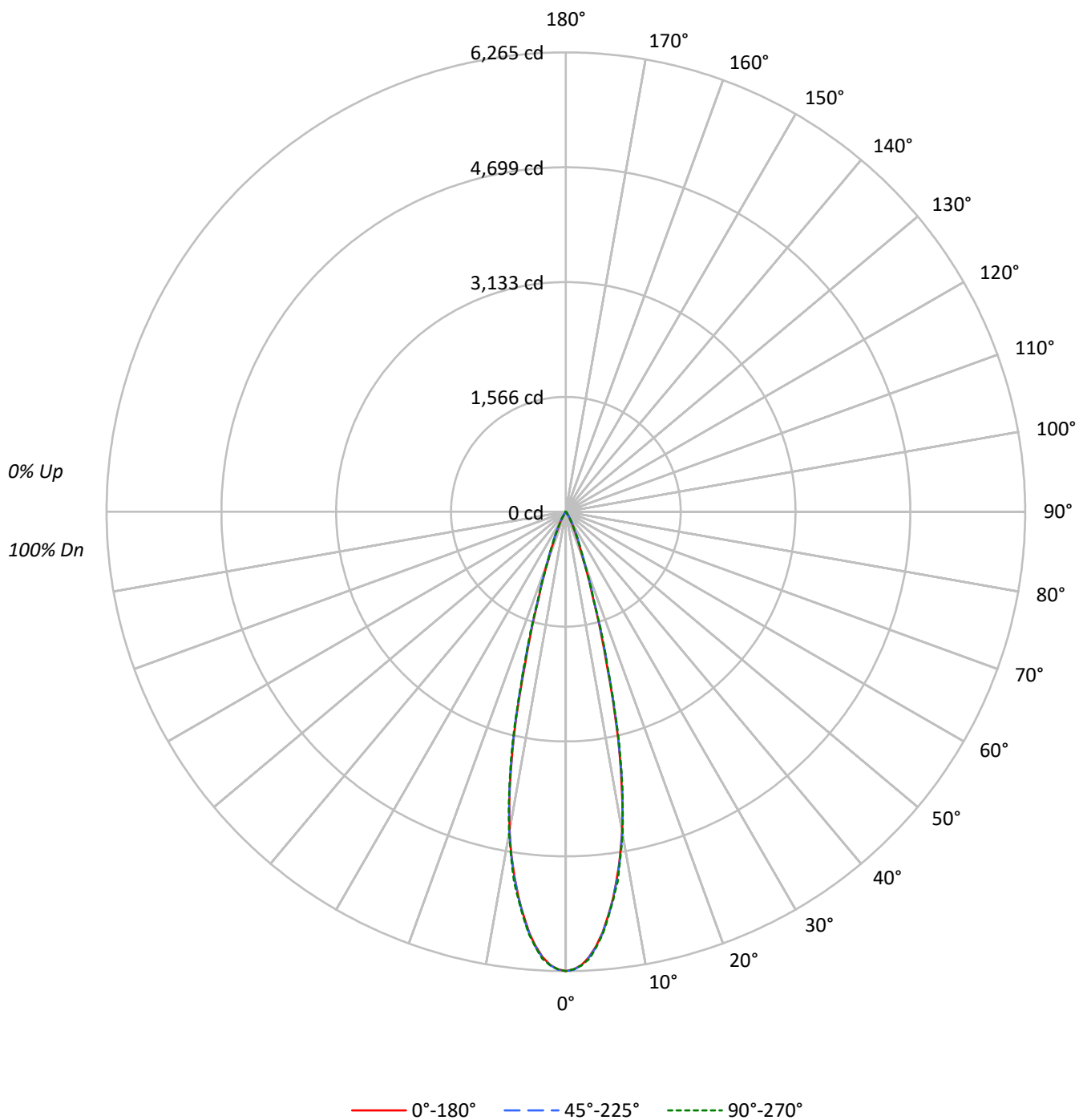
Lumens per Lamp: N/A
Luminaire Lumens: 1304.0 lumens
Efficiency: N/A
Efficacy: 89.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	1078906	1078906	1078906
5°	994824	997071	999146
10°	772425	775223	779420
15°	381718	397765	397943
20°	128531	137145	131097
25°	53226	59117	54747
30°	20881	26270	21080
35°	5466	10722	5677
40°	2023	4272	2023
45°	244	1218	244
50°	0	268	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: 1218 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	507.6	38.9
10°-20°	614.0	47.1
20°-30°	149.9	11.5
30°-40°	29.1	2.2
40°-50°	3.3	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°	1271.5	97.5
0°-40°	1300.7	99.7
0°-60°	1304.0	100.0
0°-90°	1304.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1304.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6265	6265	6265	6265	6265	
5°	5754	5762	5767	5792	5779	506
15°	2141	2192	2231	2253	2232	603
25°	280	295	311	298	288	143
35°	26	37	51	37	27	23
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°	6264.6	6264.6	6264.6	6264.6	6264.6
1°	6240.6	6244.6	6245.6	6251.6	6239.6
2°	6183.6	6184.6	6187.6	6199.6	6188.6
3°	6078.6	6085.6	6086.6	6102.6	6105.6
4°	5935.5	5939.5	5947.5	5974.5	5950.5
5°	5754.4	5762.4	5767.4	5792.4	5779.4
6°	5530.3	5532.3	5543.3	5572.3	5554.3
7°	5302.2	5301.2	5302.2	5325.2	5320.2
8°	5027.1	5022.1	5038.1	5066.1	5085.1
9°	4740.0	4747.0	4757.0	4784.0	4762.0
10°	4416.9	4435.9	4432.9	4434.9	4456.9
11°	4044.7	4050.7	4051.7	4072.7	4069.7
12°	3607.5	3607.5	3640.5	3674.5	3663.5
13°	3166.3	3197.3	3175.3	3182.3	3226.4
14°	2652.1	2676.1	2706.1	2734.1	2712.1
15°	2140.9	2191.9	2230.9	2252.9	2231.9
17.5°	1226.5	1243.5	1276.5	1280.5	1267.5
20°	701.3	722.3	748.3	740.3	715.3
22.5°	441.2	447.2	473.2	460.2	454.2
25°	280.1	295.1	311.1	298.1	288.1
27.5°	174.1	184.1	201.1	187.1	176.1
30°	105.0	114.0	132.1	113.0	106.0
32.5°	55.0	68.0	83.0	69.0	55.0
35°	26.0	37.0	51.0	37.0	27.0
37.5°	16.0	20.0	31.0	20.0	16.0
40°	9.0	13.0	19.0	13.0	9.0
42.5°	4.0	7.0	9.0	7.0	5.0
45°	1.0	3.0	5.0	3.0	1.0
47.5°	0.0	0.0	3.0	1.0	0.0
50°	0.0	0.0	1.0	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)