

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: P1316225

Luminaire Tested: P3SQAS13R259827DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316225
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: P3SQAS13R259827DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

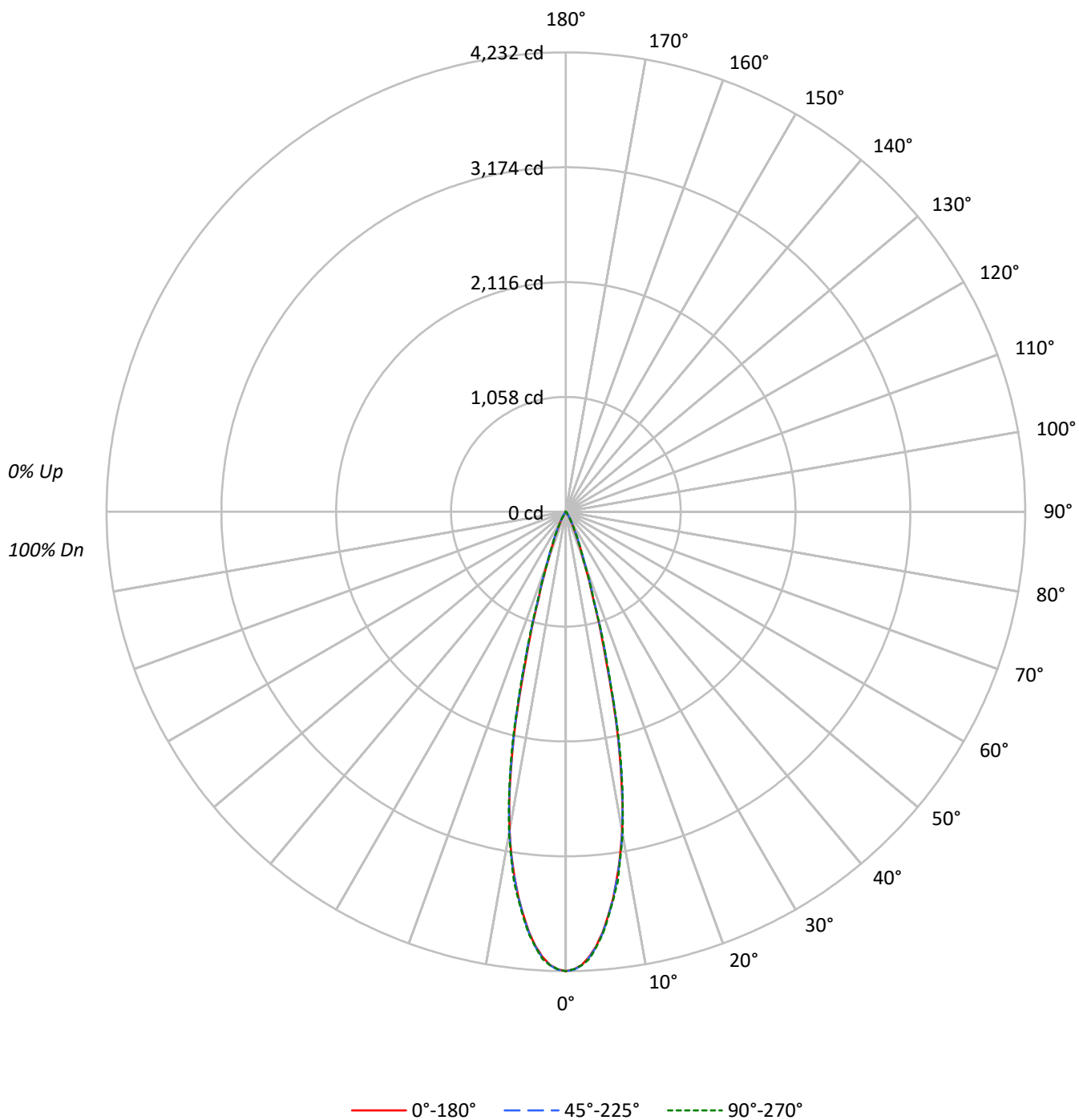
Lumens per Lamp: N/A
Luminaire Lumens: 881.0 lumens
Efficiency: N/A
Efficacy: 60.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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°	728932	728932	728932
5°	672125	673629	675047
10°	521858	523746	526580
15°	257890	268749	268856
20°	86836	92664	88577
25°	35972	39944	36998
30°	14119	17739	14239
35°	3700	7253	3826
40°	1371	2878	1371
45°	170	828	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: 828 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	343.0	38.9
10°-20°	414.8	47.1
20°-30°	101.3	11.5
30°-40°	19.7	2.2
40°-50°	2.2	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°	859.1	97.5
0°-40°	878.8	99.7
0°-60°	881.0	100.0
0°-90°	881.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	881.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4232	4232	4232	4232	4232	
5°	3888	3893	3896	3913	3905	342
15°	1446	1481	1507	1522	1508	407
25°	189	199	210	201	195	96
35°	18	25	34	25	18	16
45°	1	2	3	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°	4232.5	4232.5	4232.5	4232.5	4232.5
1°	4216.2	4218.9	4219.6	4223.7	4215.6
2°	4177.7	4178.4	4180.4	4188.5	4181.1
3°	4106.8	4111.5	4112.2	4123.0	4125.0
4°	4010.1	4012.8	4018.2	4036.5	4020.2
5°	3887.8	3893.2	3896.5	3913.4	3904.7
6°	3736.4	3737.7	3745.1	3764.7	3752.6
7°	3582.3	3581.6	3582.3	3597.8	3594.4
8°	3396.4	3393.0	3403.8	3422.7	3435.6
9°	3202.4	3207.1	3213.9	3232.1	3217.3
10°	2984.1	2996.9	2994.9	2996.3	3011.1
11°	2732.7	2736.7	2737.4	2751.6	2749.5
12°	2437.3	2437.3	2459.6	2482.6	2475.1
13°	2139.2	2160.2	2145.3	2150.0	2179.8
14°	1791.8	1808.0	1828.3	1847.2	1832.4
15°	1446.4	1480.9	1507.3	1522.1	1507.9
17.5°	828.6	840.1	862.4	865.1	856.4
20°	473.8	488.0	505.6	500.2	483.3
22.5°	298.1	302.1	319.7	310.9	306.9
25°	189.3	199.4	210.2	201.4	194.7
27.5°	117.6	124.4	135.9	126.4	119.0
30°	71.0	77.1	89.2	76.4	71.6
32.5°	37.2	46.0	56.1	46.6	37.2
35°	17.6	25.0	34.5	25.0	18.2
37.5°	10.8	13.5	21.0	13.5	10.8
40°	6.1	8.8	12.8	8.8	6.1
42.5°	2.7	4.7	6.1	4.7	3.4
45°	0.7	2.0	3.4	2.0	0.7
47.5°	0.0	0.0	2.0	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)