

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: P1316663

Luminaire Tested: P3SQAS02R259830DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316663
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: P3SQAS02R259830DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

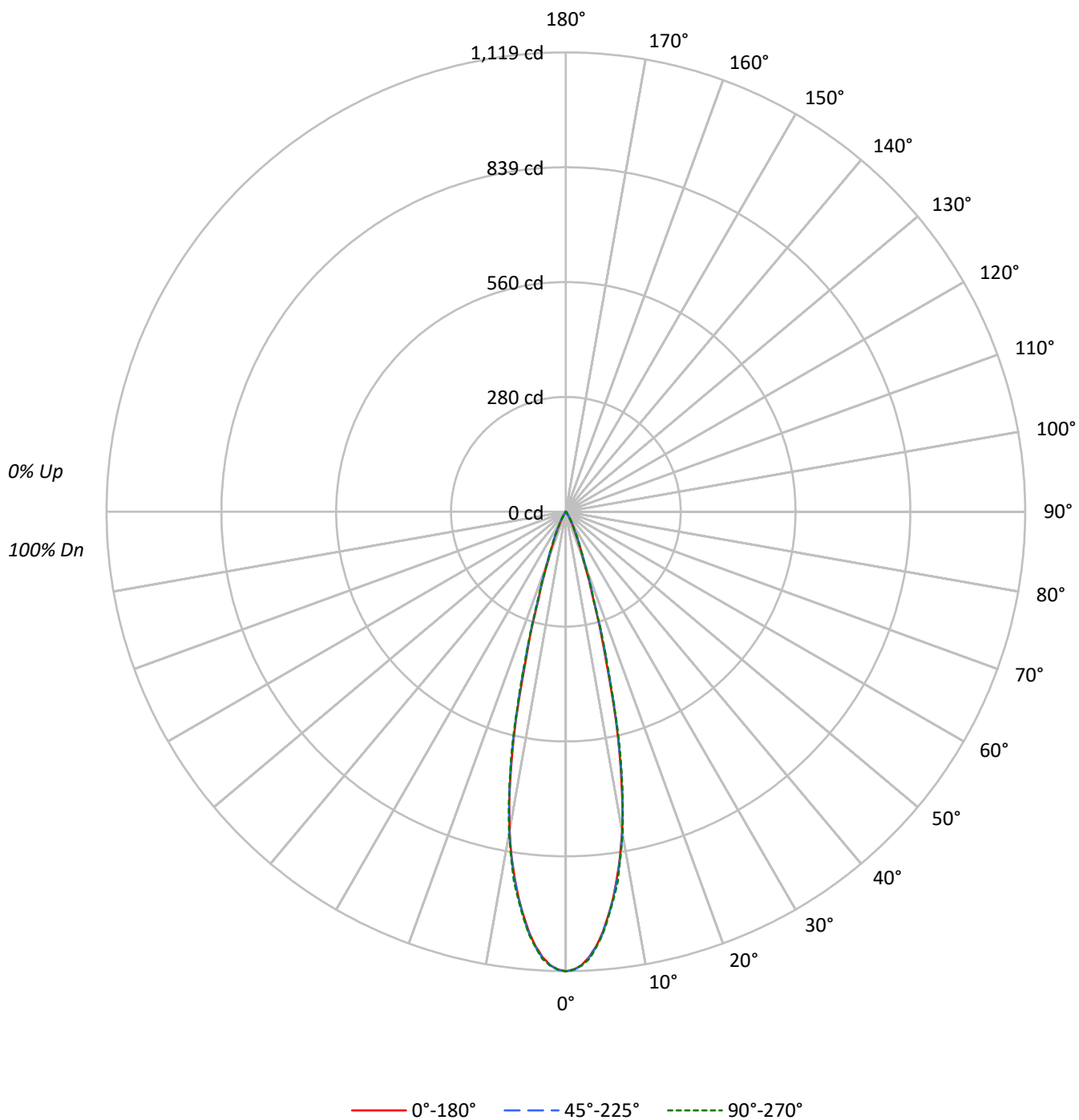
Lumens per Lamp: N/A
Luminaire Lumens: 233.0 lumens
Efficiency: N/A
Efficacy: 64.7 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	192786	192786	192786
5°	177756	178153	178534
10°	138015	138522	139274
15°	68199	71070	71105
20°	22964	24504	23423
25°	9520	10565	9786
30°	3739	4693	3759
35°	967	1913	1009
40°	360	764	360
45°	49	219	49
50°	0	54	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: 219 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.7	38.9
10°-20°	109.7	47.1
20°-30°	26.8	11.5
30°-40°	5.2	2.2
40°-50°	0.6	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°	227.2	97.5
0°-40°	232.4	99.7
0°-60°	233.0	100.0
0°-90°	233.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	233.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1119	1119	1119	1119	1119	
5°	1028	1030	1030	1035	1033	90
15°	382	392	399	403	399	108
25°	50	53	56	53	52	25
35°	5	7	9	7	5	4
45°	0	0	1	0	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°	1119.4	1119.4	1119.4	1119.4	1119.4
1°	1115.1	1115.8	1116.0	1117.0	1114.9
2°	1104.9	1105.1	1105.6	1107.8	1105.8
3°	1086.1	1087.4	1087.6	1090.4	1090.9
4°	1060.6	1061.3	1062.7	1067.5	1063.2
5°	1028.2	1029.6	1030.5	1035.0	1032.7
6°	988.2	988.5	990.5	995.7	992.5
7°	947.4	947.2	947.4	951.5	950.6
8°	898.2	897.4	900.2	905.2	908.6
9°	846.9	848.2	850.0	854.8	850.9
10°	789.2	792.6	792.1	792.4	796.4
11°	722.7	723.8	724.0	727.7	727.2
12°	644.6	644.6	650.5	656.6	654.6
13°	565.8	571.3	567.4	568.6	576.5
14°	473.9	478.2	483.5	488.5	484.6
15°	382.5	391.7	398.6	402.6	398.8
17.5°	219.2	222.2	228.1	228.8	226.5
20°	125.3	129.1	133.7	132.3	127.8
22.5°	78.8	79.9	84.6	82.2	81.2
25°	50.1	52.7	55.6	53.3	51.5
27.5°	31.1	32.9	35.9	33.4	31.5
30°	18.8	20.4	23.6	20.2	18.9
32.5°	9.8	12.2	14.8	12.3	9.8
35°	4.6	6.6	9.1	6.6	4.8
37.5°	2.9	3.6	5.5	3.6	2.9
40°	1.6	2.3	3.4	2.3	1.6
42.5°	0.7	1.3	1.6	1.3	0.9
45°	0.2	0.5	0.9	0.5	0.2
47.5°	0.0	0.0	0.5	0.2	0.0
50°	0.0	0.0	0.2	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)