

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: P1317539

Luminaire Tested: P3SQAS02R259835DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317539
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: P3SQAS02R259835DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

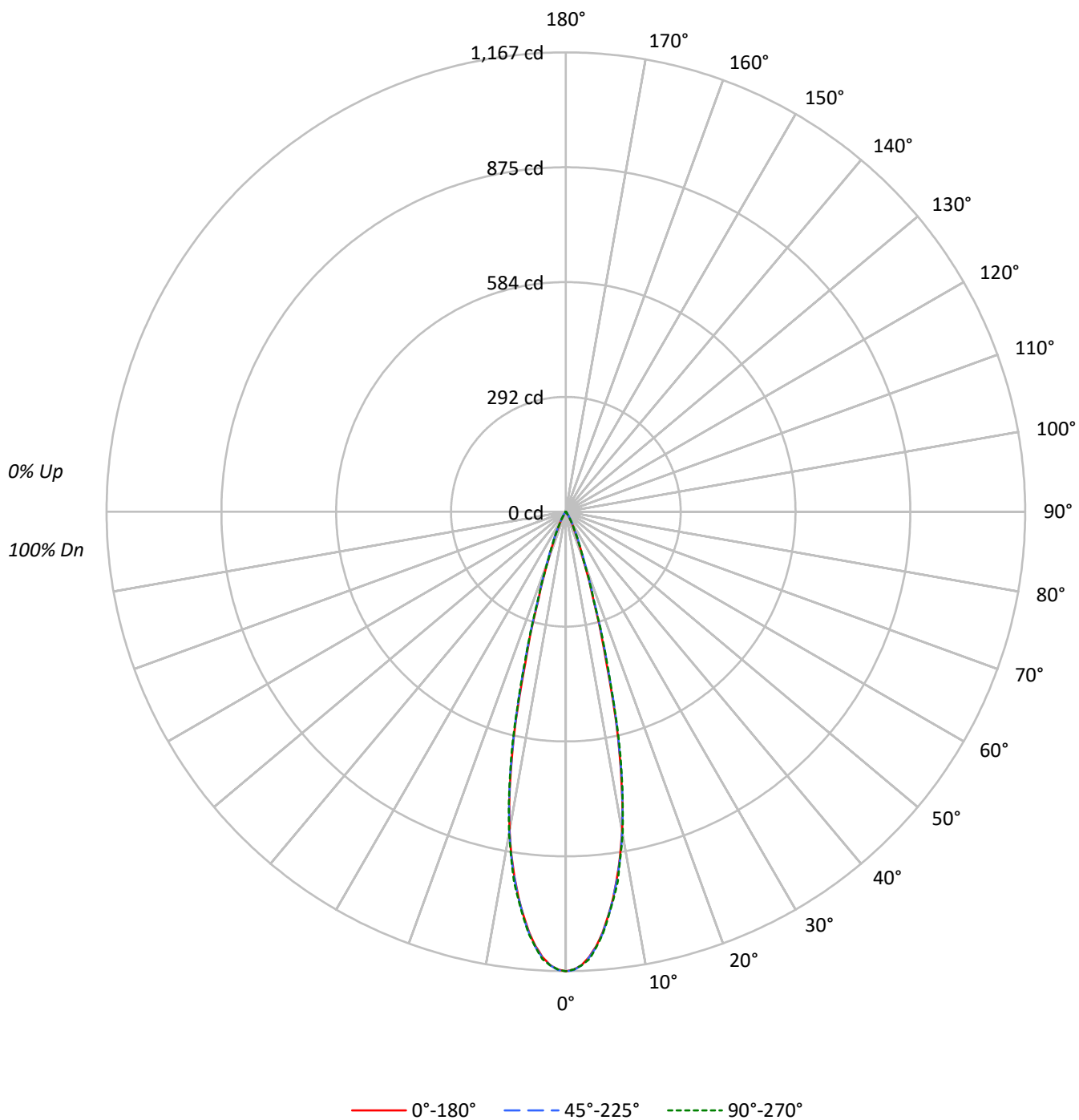
Lumens per Lamp: N/A
Luminaire Lumens: 243.0 lumens
Efficiency: N/A
Efficacy: 67.5 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	115	113	111	110	113	111	110	108	107	106	105		103	103	102		100	99	99	97
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98	97	96	94
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96	94	93	92
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94	92	90	89
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92	90	88	87
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90	87	85	84
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88	85	83	82
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86	83	81	80
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84	81	79	78
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82	79	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	201053	201053	201053
5°	185380	185812	186192
10°	143943	144468	145237
15°	71141	74118	74154
20°	23954	25549	24431
25°	9919	11022	10204
30°	3898	4892	3938
35°	1009	1997	1051
40°	382	787	382
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°	94.6	38.9
10°-20°	114.4	47.1
20°-30°	27.9	11.5
30°-40°	5.4	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°	237.0	97.5
0°-40°	242.4	99.7
0°-60°	243.0	100.0
0°-90°	243.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	243.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1167	1167	1167	1167	1167	
5°	1072	1074	1075	1079	1077	94
15°	399	408	416	420	416	112
25°	52	55	58	56	54	27
35°	5	7	10	7	5	4
45°	0	1	1	1	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°	1167.4	1167.4	1167.4	1167.4	1167.4
1°	1162.9	1163.7	1163.9	1165.0	1162.8
2°	1152.3	1152.5	1153.1	1155.3	1153.2
3°	1132.7	1134.0	1134.2	1137.2	1137.8
4°	1106.1	1106.8	1108.3	1113.3	1108.9
5°	1072.3	1073.8	1074.8	1079.4	1077.0
6°	1030.6	1030.9	1033.0	1038.4	1035.0
7°	988.1	987.9	988.1	992.4	991.4
8°	936.8	935.9	938.9	944.1	947.6
9°	883.3	884.6	886.5	891.5	887.4
10°	823.1	826.6	826.1	826.4	830.5
11°	753.7	754.8	755.0	758.9	758.4
12°	672.3	672.3	678.4	684.7	682.7
13°	590.0	595.8	591.7	593.0	601.2
14°	494.2	498.7	504.3	509.5	505.4
15°	399.0	408.5	415.7	419.8	415.9
17.5°	228.6	231.7	237.9	238.6	236.2
20°	130.7	134.6	139.4	138.0	133.3
22.5°	82.2	83.3	88.2	85.8	84.6
25°	52.2	55.0	58.0	55.6	53.7
27.5°	32.4	34.3	37.5	34.9	32.8
30°	19.6	21.3	24.6	21.1	19.8
32.5°	10.3	12.7	15.5	12.9	10.3
35°	4.8	6.9	9.5	6.9	5.0
37.5°	3.0	3.7	5.8	3.7	3.0
40°	1.7	2.4	3.5	2.4	1.7
42.5°	0.7	1.3	1.7	1.3	0.9
45°	0.2	0.6	0.9	0.6	0.2
47.5°	0.0	0.0	0.6	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)