

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: P1316809

Luminaire Tested: P3SQAS05R259830DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316809
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: P3SQAS05R259830DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

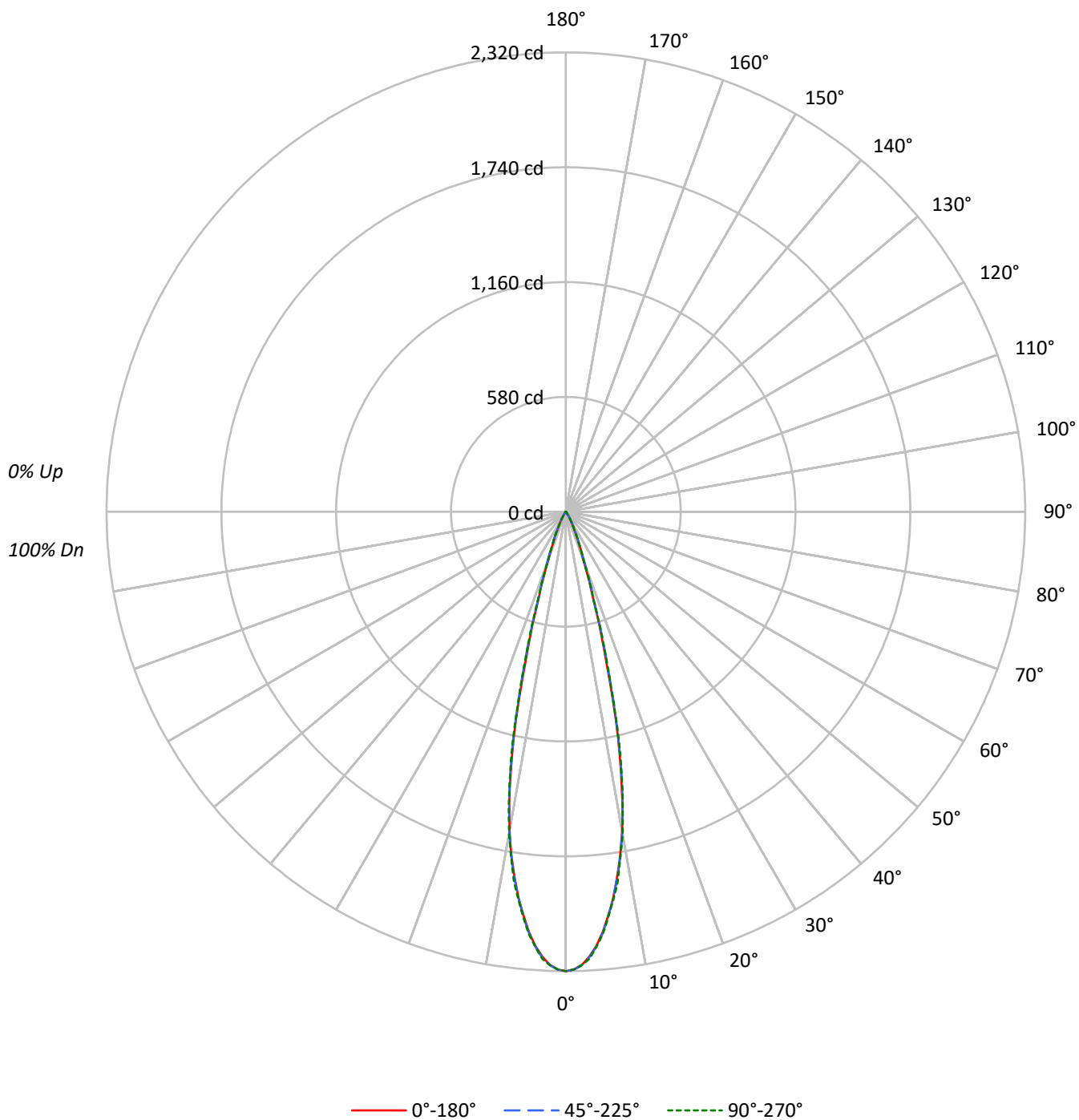
Lumens per Lamp: N/A
Luminaire Lumens: 483.0 lumens
Efficiency: N/A
Efficacy: 67.1 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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°	399625	399625	399625
5°	368478	369307	370085
10°	286103	287135	288691
15°	141390	147328	147399
20°	47615	50804	48550
25°	19725	21891	20276
30°	7736	9725	7815
35°	2018	3974	2102
40°	742	1574	742
45°	97	463	97
50°	0	107	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: 463 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.0	38.9
10°-20°	227.4	47.1
20°-30°	55.5	11.5
30°-40°	10.8	2.2
40°-50°	1.2	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°	471.0	97.5
0°-40°	481.8	99.7
0°-60°	483.0	100.0
0°-90°	483.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	483.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2320	2320	2320	2320	2320	
5°	2131	2134	2136	2146	2141	187
15°	793	812	826	834	827	223
25°	104	109	115	110	107	53
35°	10	14	19	14	10	9
45°	0	1	2	1	0	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°	2320.4	2320.4	2320.4	2320.4	2320.4
1°	2311.5	2313.0	2313.4	2315.6	2311.1
2°	2290.4	2290.8	2291.9	2296.3	2292.2
3°	2251.5	2254.1	2254.5	2260.4	2261.5
4°	2198.5	2200.0	2202.9	2212.9	2204.1
5°	2131.4	2134.4	2136.2	2145.5	2140.7
6°	2048.4	2049.2	2053.2	2064.0	2057.3
7°	1963.9	1963.6	1963.9	1972.5	1970.6
8°	1862.0	1860.2	1866.1	1876.5	1883.5
9°	1755.7	1758.3	1762.0	1772.0	1763.8
10°	1636.0	1643.0	1641.9	1642.7	1650.8
11°	1498.2	1500.4	1500.7	1508.5	1507.4
12°	1336.2	1336.2	1348.4	1361.0	1357.0
13°	1172.8	1184.3	1176.1	1178.7	1195.0
14°	982.3	991.2	1002.3	1012.7	1004.6
15°	793.0	811.9	826.3	834.5	826.7
17.5°	454.3	460.6	472.8	474.3	469.5
20°	259.8	267.5	277.2	274.2	264.9
22.5°	163.4	165.6	175.3	170.5	168.2
25°	103.8	109.3	115.2	110.4	106.7
27.5°	64.5	68.2	74.5	69.3	65.2
30°	38.9	42.2	48.9	41.9	39.3
32.5°	20.4	25.2	30.8	25.6	20.4
35°	9.6	13.7	18.9	13.7	10.0
37.5°	5.9	7.4	11.5	7.4	5.9
40°	3.3	4.8	7.0	4.8	3.3
42.5°	1.5	2.6	3.3	2.6	1.9
45°	0.4	1.1	1.9	1.1	0.4
47.5°	0.0	0.0	1.1	0.4	0.0
50°	0.0	0.0	0.4	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)