

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: P1317248

Luminaire Tested: P3SQAS17R259830DE010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317248
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: P3SQAS17R259830DE010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

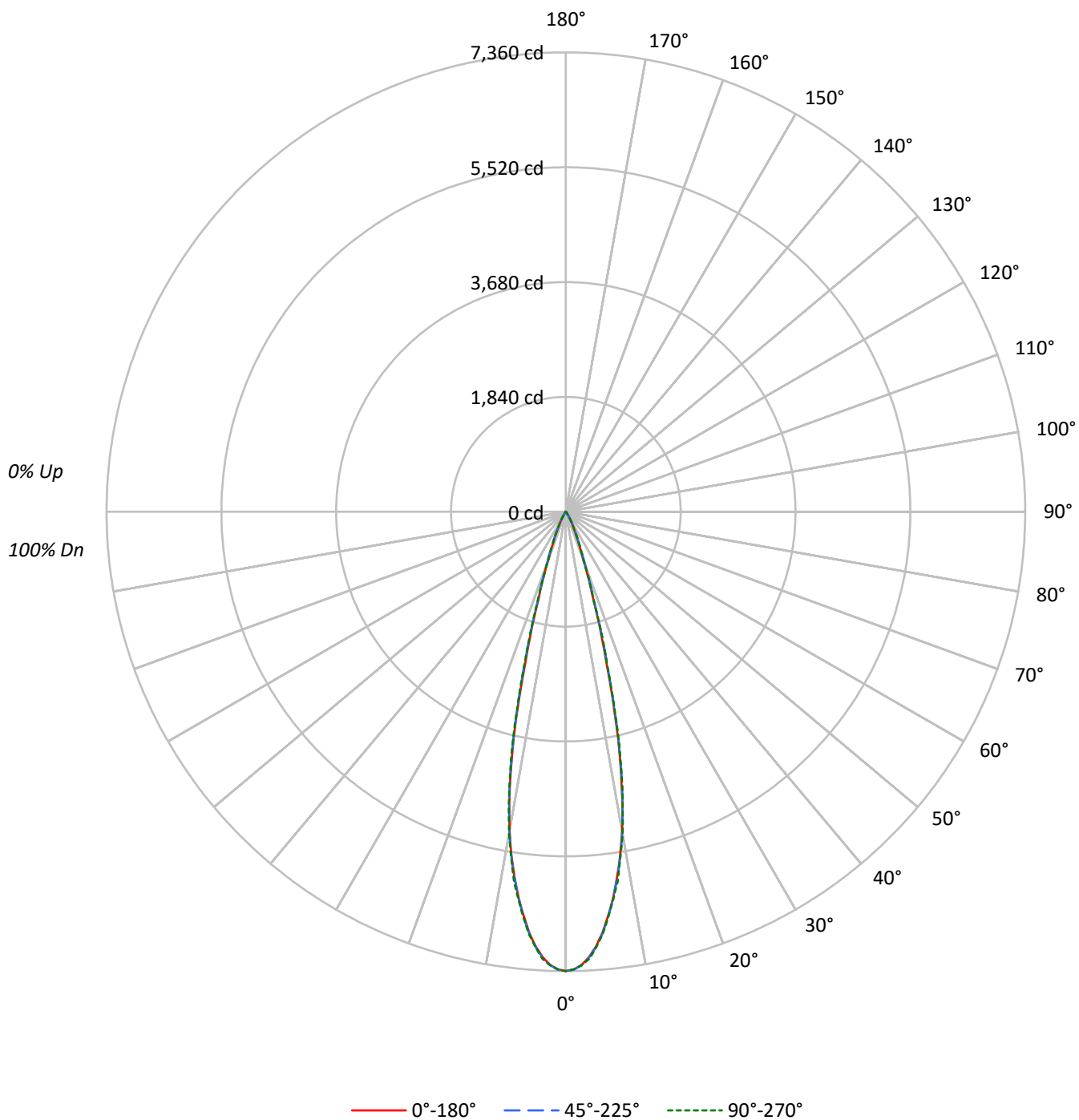
Lumens per Lamp: N/A
Luminaire Lumens: 1532.0 lumens
Efficiency: N/A
Efficacy: 75.1 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	1267559	1267559	1267559
5°	1168776	1171404	1173841
10°	907467	910755	915686
15°	448455	467319	467533
20°	151001	161136	154025
25°	62538	69455	64324
30°	24540	30844	24779
35°	6433	12594	6665
40°	2383	5014	2383
45°	292	1437	292
50°	0	322	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: 1437 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	596.4	38.9
10°-20°	721.4	47.1
20°-30°	176.1	11.5
30°-40°	34.2	2.2
40°-50°	3.9	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°	1493.9	97.5
0°-40°	1528.1	99.7
0°-60°	1532.0	100.0
0°-90°	1532.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1532.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7360	7360	7360	7360	7360	
5°	6761	6770	6776	6805	6790	595
15°	2515	2575	2621	2647	2622	708
25°	329	347	366	350	338	167
35°	31	44	60	44	32	27
45°	1	4	6	4	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°	7360.0	7360.0	7360.0	7360.0	7360.0
1°	7331.8	7336.5	7337.6	7344.7	7330.6
2°	7264.8	7266.0	7269.5	7283.6	7270.7
3°	7141.4	7149.6	7150.8	7169.6	7173.1
4°	6973.3	6978.0	6987.4	7019.1	6990.9
5°	6760.6	6770.0	6775.8	6805.2	6789.9
6°	6497.3	6499.6	6512.6	6546.6	6525.5
7°	6229.3	6228.1	6229.3	6256.3	6250.5
8°	5906.1	5900.2	5919.0	5951.9	5974.3
9°	5568.8	5577.0	5588.7	5620.5	5594.6
10°	5189.1	5211.5	5207.9	5210.3	5236.1
11°	4751.9	4759.0	4760.1	4784.8	4781.3
12°	4238.3	4238.3	4277.1	4317.0	4304.1
13°	3720.0	3756.4	3730.5	3738.8	3790.5
14°	3115.8	3144.0	3179.3	3212.2	3186.3
15°	2515.2	2575.2	2621.0	2646.9	2622.2
17.5°	1441.0	1460.9	1499.7	1504.4	1489.2
20°	823.9	848.6	879.2	869.8	840.4
22.5°	518.3	525.4	555.9	540.7	533.6
25°	329.1	346.7	365.5	350.3	338.5
27.5°	204.5	216.3	236.2	219.8	206.9
30°	123.4	134.0	155.1	132.8	124.6
32.5°	64.6	79.9	97.6	81.1	64.6
35°	30.6	43.5	59.9	43.5	31.7
37.5°	18.8	23.5	36.4	23.5	18.8
40°	10.6	15.3	22.3	15.3	10.6
42.5°	4.7	8.2	10.6	8.2	5.9
45°	1.2	3.5	5.9	3.5	1.2
47.5°	0.0	0.0	3.5	1.2	0.0
50°	0.0	0.0	1.2	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)