

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: P1316459

Luminaire Tested: P3SQAS17R609827DE010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316459
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R609827DE010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

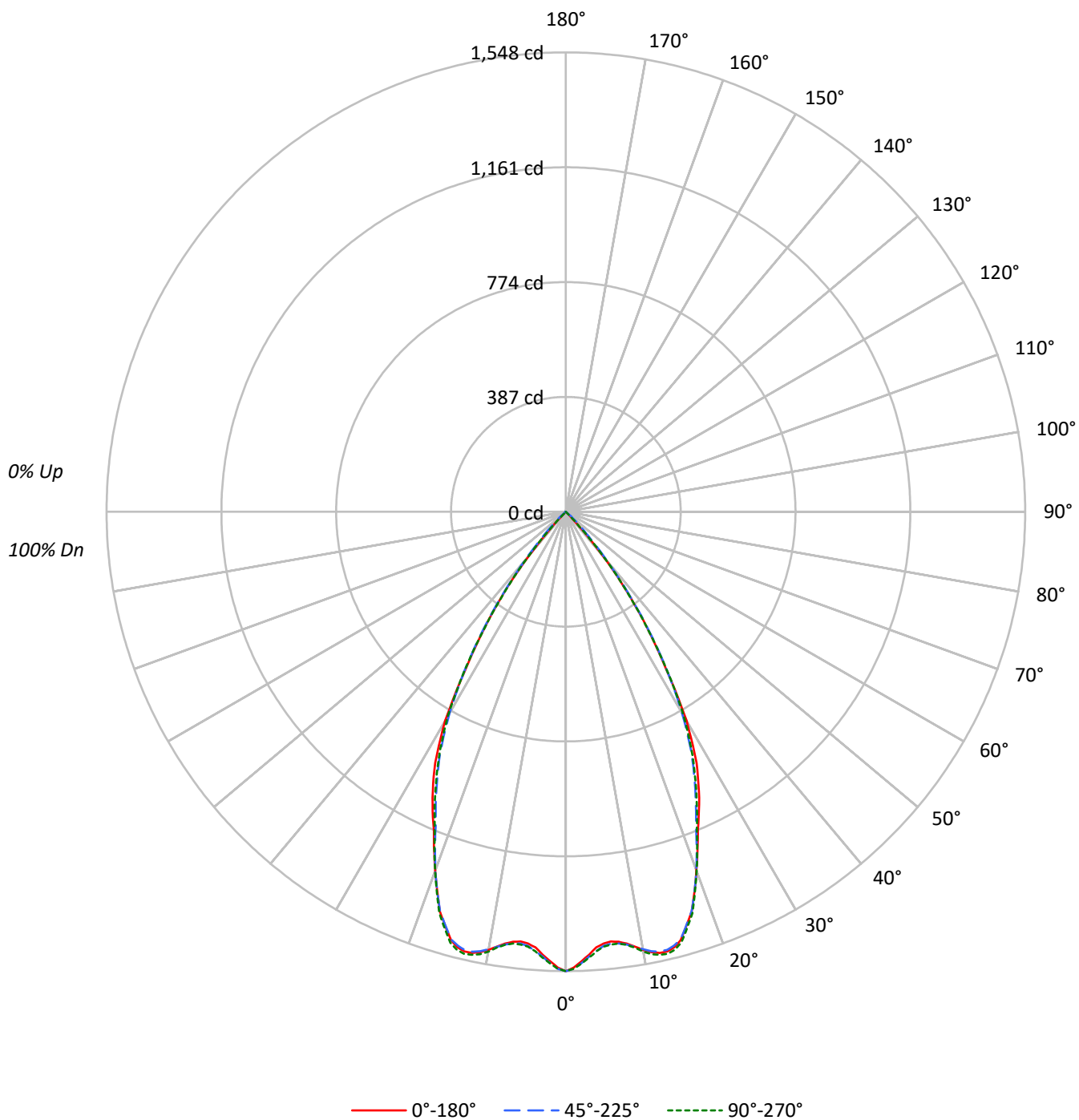
Lumens per Lamp: N/A
Luminaire Lumens: 1372.0 lumens
Efficiency: N/A
Efficacy: 67.3 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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			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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98	97	96	94
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	266635	266635	266635
5°	252527	253840	254221
10°	262144	261760	263281
15°	266484	266092	268035
20°	235821	235821	236224
25°	202093	196070	197723
30°	161658	155791	158178
35°	100287	102368	100056
40°	44020	48449	45256
45°	536	15734	1340
50°	0	1768	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: 15734 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.4	10.3
10°-20°	409.9	29.9
20°-30°	475.9	34.7
30°-40°	299.6	21.8
40°-50°	45.0	3.3
50°-60°	0.2	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°	1027.1	74.9
0°-40°	1326.8	96.7
0°-60°	1372.0	100.0
0°-90°	1372.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1372.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1548	1548	1548	1548	1548	
5°	1461	1466	1468	1472	1470	141
15°	1495	1489	1492	1502	1503	410
25°	1064	1052	1032	1036	1040	483
35°	477	478	487	477	476	298
45°	2	21	65	27	6	29
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°	1548.2	1548.2	1548.2	1548.2	1548.2
1°	1536.2	1540.5	1540.5	1541.6	1540.5
2°	1515.4	1521.9	1521.9	1525.2	1523.0
3°	1494.6	1500.1	1501.2	1505.5	1504.4
4°	1471.6	1480.4	1483.6	1485.8	1484.7
5°	1460.7	1466.1	1468.3	1471.6	1470.5
6°	1456.3	1460.7	1462.9	1466.1	1466.1
7°	1459.6	1462.9	1466.1	1468.3	1466.1
8°	1469.4	1472.7	1472.7	1477.1	1473.8
9°	1483.6	1484.7	1484.7	1490.2	1486.9
10°	1499.0	1496.8	1496.8	1504.4	1505.5
11°	1512.1	1509.9	1508.8	1516.5	1518.7
12°	1519.8	1515.4	1515.4	1525.2	1526.3
13°	1520.8	1515.4	1515.4	1525.2	1528.5
14°	1512.1	1505.5	1506.6	1517.6	1520.8
15°	1494.6	1489.1	1492.4	1502.2	1503.3
17.5°	1411.4	1408.2	1410.3	1416.9	1418.0
20°	1286.7	1284.5	1286.7	1286.7	1288.9
22.5°	1163.1	1157.6	1146.7	1153.2	1154.3
25°	1063.5	1051.5	1031.8	1036.1	1040.5
27.5°	954.1	938.8	918.0	923.4	924.5
30°	812.9	805.3	783.4	788.9	795.4
32.5°	628.0	648.8	635.7	634.6	635.7
35°	477.0	478.1	486.9	477.0	475.9
37.5°	333.7	334.8	341.4	330.4	331.5
40°	195.8	210.1	215.5	211.2	201.3
42.5°	61.3	108.3	122.5	106.1	67.8
45°	2.2	20.8	64.6	27.4	5.5
47.5°	0.0	1.1	30.6	2.2	0.0
50°	0.0	0.0	6.6	0.0	0.0
52.5°	0.0	0.0	1.1	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)