

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: P1311391

Luminaire Tested: P3SQAS13R609050DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311391
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: P3SQAS13R609050DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

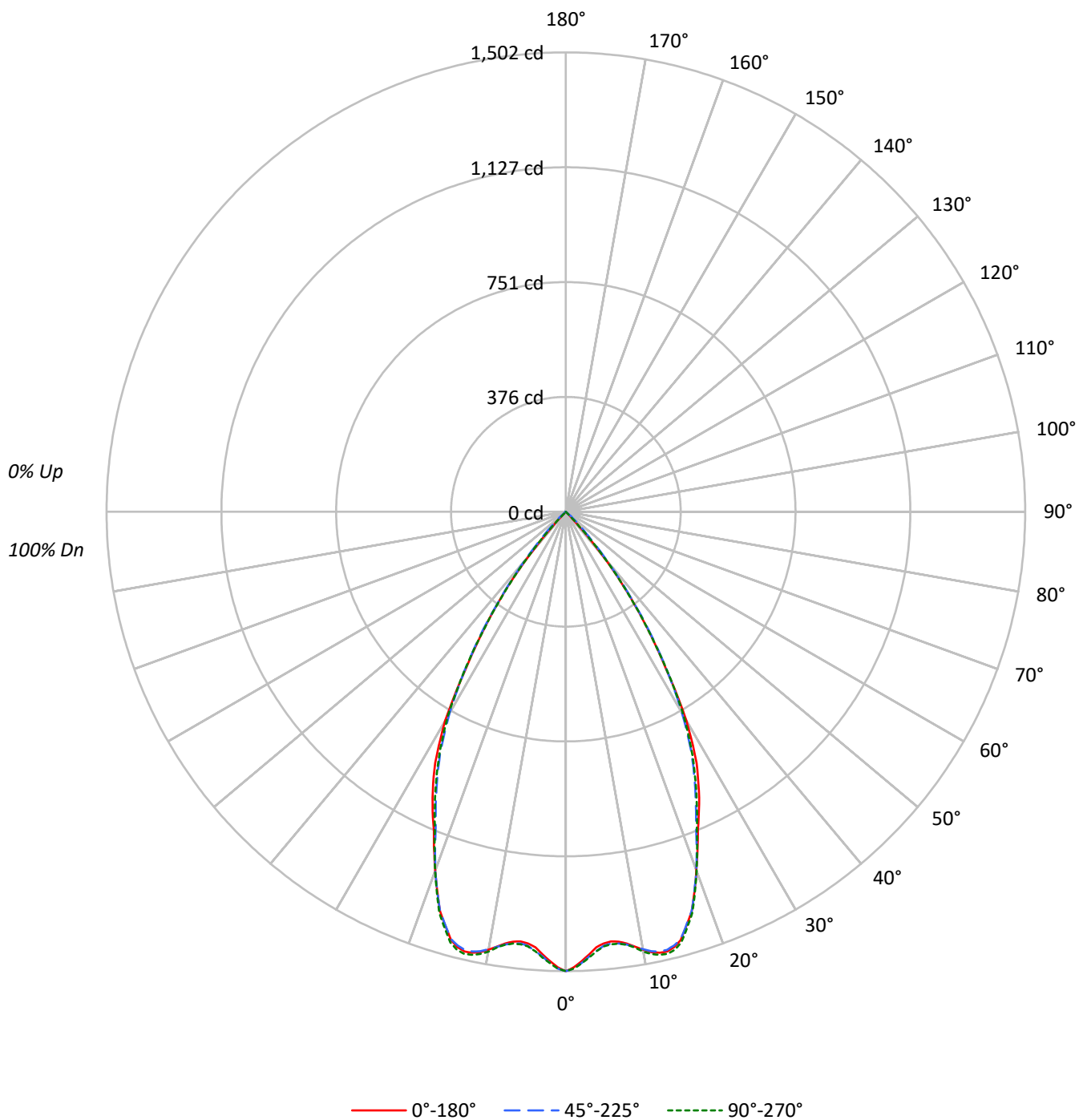
Lumens per Lamp: N/A
Luminaire Lumens: 1331.0 lumens
Efficiency: N/A
Efficacy: 91.2 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	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°	258661	258661	258661
5°	244972	246251	246631
10°	254310	253925	255411
15°	258514	258140	260030
20°	228783	228783	229168
25°	196051	190198	191813
30°	156825	151138	153465
35°	97301	99299	97070
40°	42716	47010	43907
45°	511	15247	1291
50°	0	1715	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: 15247 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.2	10.3
10°-20°	397.6	29.9
20°-30°	461.6	34.7
30°-40°	290.7	21.8
40°-50°	43.6	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°	996.4	74.9
0°-40°	1287.1	96.7
0°-60°	1331.0	100.0
0°-90°	1331.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1331.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1502	1502	1502	1502	1502	
5°	1417	1422	1424	1428	1427	137
15°	1450	1445	1448	1457	1458	398
25°	1032	1020	1001	1005	1009	469
35°	463	464	472	463	462	289
45°	2	20	63	26	5	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°	1501.9	1501.9	1501.9	1501.9	1501.9
1°	1490.3	1494.5	1494.5	1495.6	1494.5
2°	1470.1	1476.5	1476.5	1479.6	1477.5
3°	1449.9	1455.2	1456.3	1460.5	1459.5
4°	1427.6	1436.1	1439.3	1441.4	1440.4
5°	1417.0	1422.3	1424.4	1427.6	1426.6
6°	1412.8	1417.0	1419.1	1422.3	1422.3
7°	1416.0	1419.1	1422.3	1424.4	1422.3
8°	1425.5	1428.7	1428.7	1432.9	1429.8
9°	1439.3	1440.4	1440.4	1445.7	1442.5
10°	1454.2	1452.0	1452.0	1459.5	1460.5
11°	1466.9	1464.8	1463.7	1471.2	1473.3
12°	1474.3	1470.1	1470.1	1479.6	1480.7
13°	1475.4	1470.1	1470.1	1479.6	1482.8
14°	1466.9	1460.5	1461.6	1472.2	1475.4
15°	1449.9	1444.6	1447.8	1457.4	1458.4
17.5°	1369.3	1366.1	1368.2	1374.6	1375.6
20°	1248.3	1246.1	1248.3	1248.3	1250.4
22.5°	1128.3	1123.0	1112.4	1118.8	1119.8
25°	1031.7	1020.0	1000.9	1005.2	1009.4
27.5°	925.6	910.7	890.5	895.9	896.9
30°	788.6	781.2	760.0	765.3	771.7
32.5°	609.3	629.4	616.7	615.6	616.7
35°	462.8	463.8	472.3	462.8	461.7
37.5°	323.7	324.8	331.2	320.6	321.6
40°	190.0	203.8	209.1	204.9	195.3
42.5°	59.4	105.1	118.9	103.0	65.8
45°	2.1	20.2	62.6	26.5	5.3
47.5°	0.0	1.1	29.7	2.1	0.0
50°	0.0	0.0	6.4	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)