

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: P1313627

Luminaire Tested: P3SQAS17R609730DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313627
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: P3SQAS17R609730DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

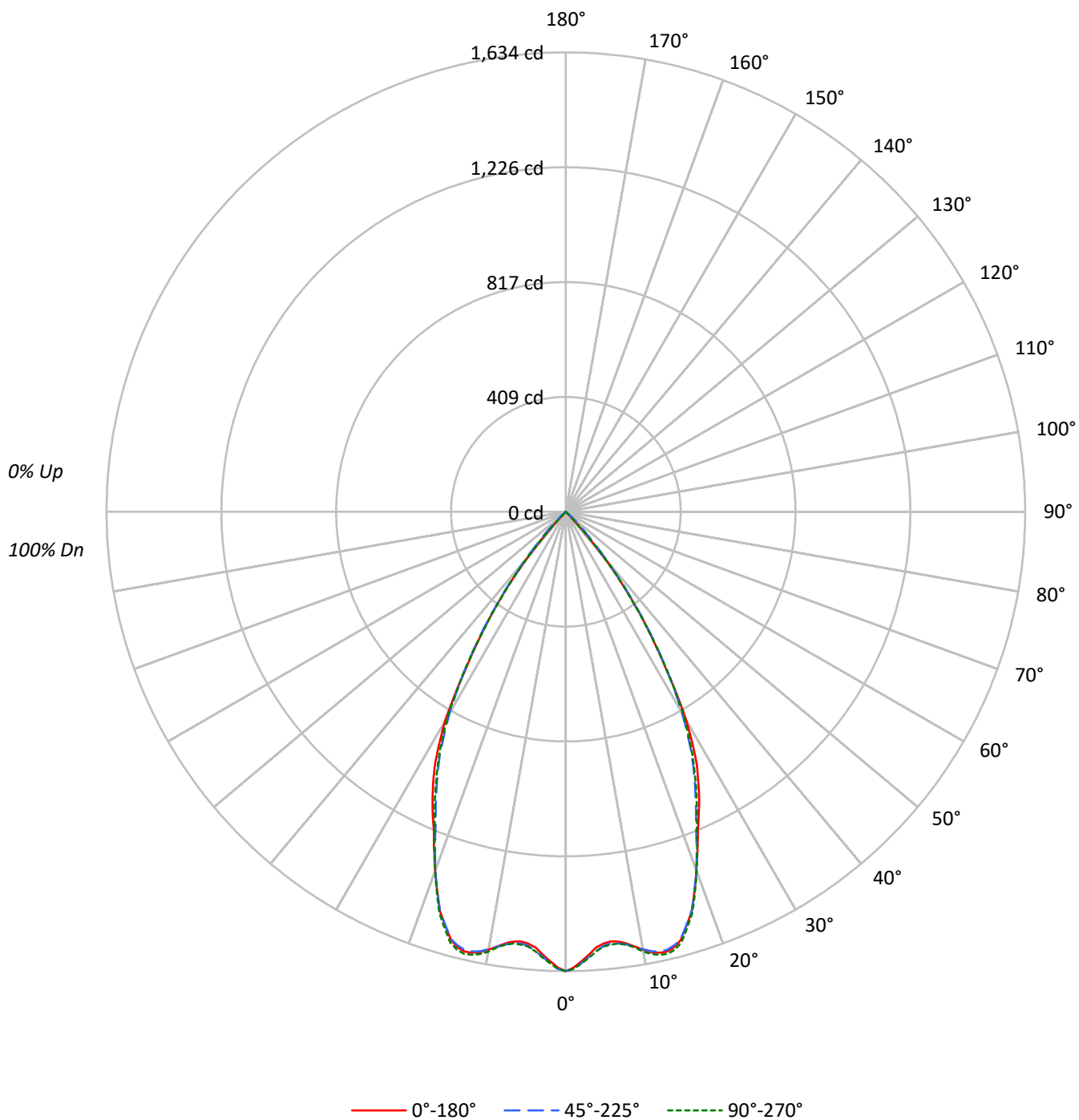
Lumens per Lamp: N/A
Luminaire Lumens: 1448.0 lumens
Efficiency: N/A
Efficacy: 68.3 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	281412	281412	281412
5°	266513	267913	268311
10°	276659	276257	277866
15°	281247	280837	282888
20°	248888	248888	249310
25°	213286	206920	208687
30°	170627	164422	166948
35°	105858	108045	105606
40°	46470	51147	47774
45°	560	16586	1413
50°	0	1849	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: 16586 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.2	10.3
10°-20°	432.6	29.9
20°-30°	502.2	34.7
30°-40°	316.3	21.8
40°-50°	47.5	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°	1084.0	74.9
0°-40°	1400.3	96.7
0°-60°	1448.0	100.0
0°-90°	1448.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1448.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1634	1634	1634	1634	1634	
5°	1542	1547	1550	1553	1552	149
15°	1577	1572	1575	1586	1587	432
25°	1122	1110	1089	1094	1098	510
35°	504	505	514	504	502	314
45°	2	22	68	29	6	31
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°	1634.0	1634.0	1634.0	1634.0	1634.0
1°	1621.3	1625.9	1625.9	1627.0	1625.9
2°	1599.3	1606.2	1606.2	1609.7	1607.4
3°	1577.4	1583.2	1584.3	1588.9	1587.8
4°	1553.1	1562.4	1565.8	1568.1	1567.0
5°	1541.6	1547.4	1549.7	1553.1	1552.0
6°	1537.0	1541.6	1543.9	1547.4	1547.4
7°	1540.4	1543.9	1547.4	1549.7	1547.4
8°	1550.8	1554.3	1554.3	1558.9	1555.4
9°	1565.8	1567.0	1567.0	1572.8	1569.3
10°	1582.0	1579.7	1579.7	1587.8	1588.9
11°	1595.9	1593.5	1592.4	1600.5	1602.8
12°	1603.9	1599.3	1599.3	1609.7	1610.9
13°	1605.1	1599.3	1599.3	1609.7	1613.2
14°	1595.9	1588.9	1590.1	1601.6	1605.1
15°	1577.4	1571.6	1575.1	1585.5	1586.6
17.5°	1489.6	1486.2	1488.5	1495.4	1496.5
20°	1358.0	1355.7	1358.0	1358.0	1360.3
22.5°	1227.5	1221.7	1210.2	1217.1	1218.3
25°	1122.4	1109.7	1088.9	1093.5	1098.2
27.5°	1006.9	990.8	968.8	974.6	975.8
30°	858.0	849.9	826.8	832.6	839.5
32.5°	662.8	684.8	670.9	669.8	670.9
35°	503.5	504.6	513.9	503.5	502.3
37.5°	352.2	353.4	360.3	348.7	349.9
40°	206.7	221.7	227.5	222.9	212.5
42.5°	64.7	114.3	129.3	112.0	71.6
45°	2.3	21.9	68.1	28.9	5.8
47.5°	0.0	1.2	32.3	2.3	0.0
50°	0.0	0.0	6.9	0.0	0.0
52.5°	0.0	0.0	1.2	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)