

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: P1306145

Luminaire Tested: P3SQASS17R609024DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306145
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: P3SQASS17R609024DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

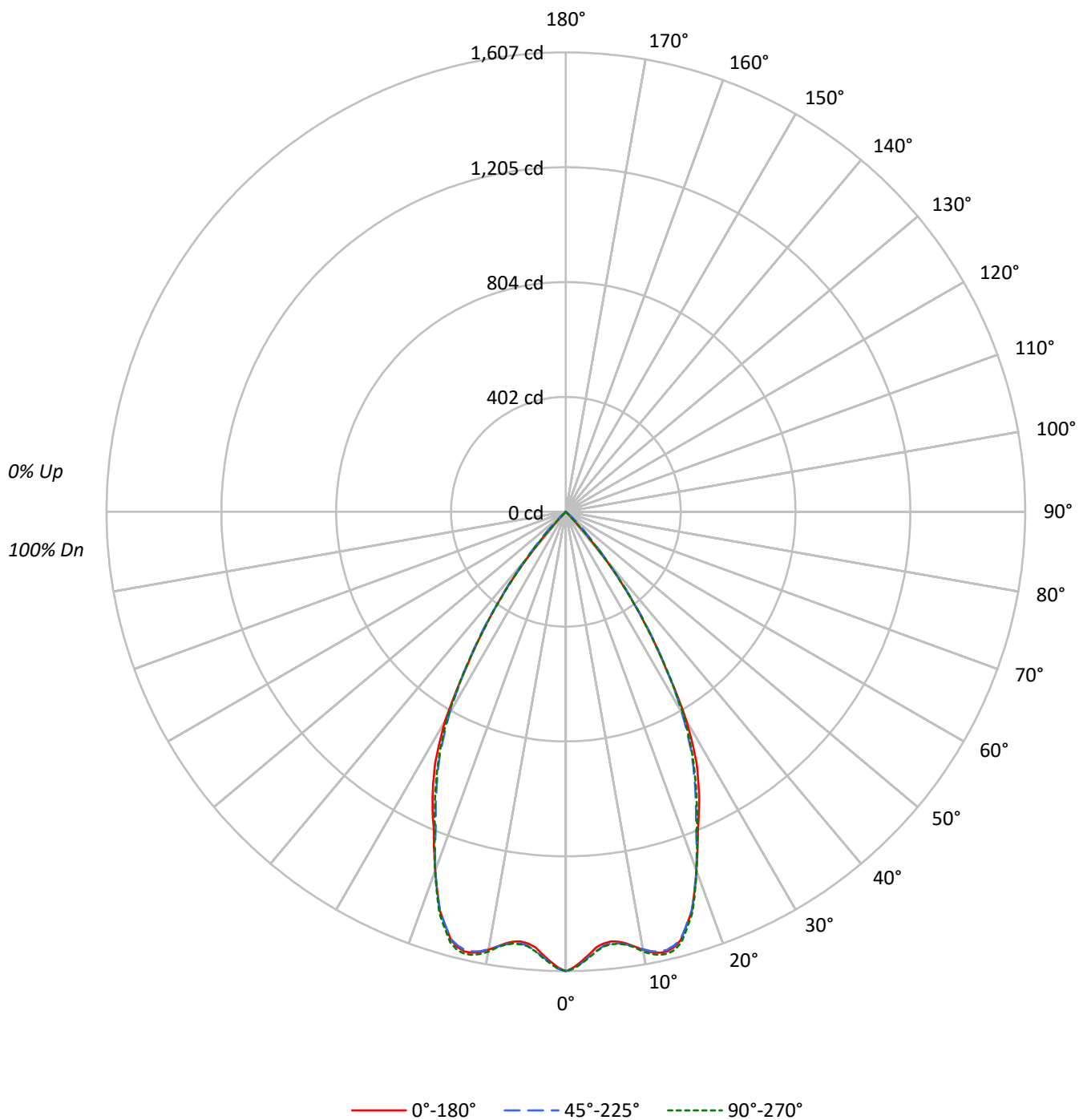
Lumens per Lamp: N/A
Luminaire Lumens: 1424.0 lumens
Efficiency: N/A
Efficacy: 67.2 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1306145

CATALOG NUMBER: P3SQASS17R609024DE010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1306145

CATALOG NUMBER: P3SQASS17R609024DE010 E3SQCD1MB

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°	276745	276745	276745
5°	262087	263470	263850
10°	272077	271675	273267
15°	276576	276184	278198
20°	244764	244764	245168
25°	209751	203500	205229
30°	167803	161698	164183
35°	104092	106237	103861
40°	45706	50292	46988
45°	560	16318	1388
50°	0	1822	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: 16318 cd/sqm

TEST NUMBER: P1306145

CATALOG NUMBER: P3SQASS17R609024DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.8	10.3
10°-20°	425.4	29.9
20°-30°	493.9	34.7
30°-40°	311.0	21.8
40°-50°	46.7	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°	1066.1	74.9
0°-40°	1377.1	96.7
0°-60°	1424.0	100.0
0°-90°	1424.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1424.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1607	1607	1607	1607	1607	
5°	1516	1522	1524	1527	1526	146
15°	1551	1546	1549	1559	1560	425
25°	1104	1091	1071	1075	1080	502
35°	495	496	505	495	494	309
45°	2	22	67	28	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	

TEST NUMBER: P1306145

CATALOG NUMBER: P3SQASS17R609024DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1606.9	1606.9	1606.9	1606.9	1606.9
1°	1594.4	1598.9	1598.9	1600.1	1598.9
2°	1572.8	1579.6	1579.6	1583.0	1580.8
3°	1551.2	1556.9	1558.0	1562.6	1561.5
4°	1527.4	1536.5	1539.9	1542.1	1541.0
5°	1516.0	1521.7	1524.0	1527.4	1526.2
6°	1511.5	1516.0	1518.3	1521.7	1521.7
7°	1514.9	1518.3	1521.7	1524.0	1521.7
8°	1525.1	1528.5	1528.5	1533.1	1529.7
9°	1539.9	1541.0	1541.0	1546.7	1543.3
10°	1555.8	1553.5	1553.5	1561.5	1562.6
11°	1569.4	1567.1	1566.0	1573.9	1576.2
12°	1577.4	1572.8	1572.8	1583.0	1584.2
13°	1578.5	1572.8	1572.8	1583.0	1586.4
14°	1569.4	1562.6	1563.7	1575.1	1578.5
15°	1551.2	1545.6	1549.0	1559.2	1560.3
17.5°	1464.9	1461.5	1463.8	1470.6	1471.7
20°	1335.5	1333.2	1335.5	1335.5	1337.7
22.5°	1207.1	1201.5	1190.1	1196.9	1198.1
25°	1103.8	1091.3	1070.9	1075.4	1080.0
27.5°	990.2	974.3	952.8	958.4	959.6
30°	843.8	835.8	813.1	818.8	825.6
32.5°	651.8	673.4	659.8	658.6	659.8
35°	495.1	496.3	505.3	495.1	494.0
37.5°	346.4	347.5	354.3	343.0	344.1
40°	203.3	218.0	223.7	219.2	209.0
42.5°	63.6	112.4	127.2	110.2	70.4
45°	2.3	21.6	67.0	28.4	5.7
47.5°	0.0	1.1	31.8	2.3	0.0
50°	0.0	0.0	6.8	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



TEST NUMBER: P1306145
CATALOG NUMBER: P3SQASS17R609024DE010 E3SQCD1MB

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)