

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: P1305610

Luminaire Tested: P3SQAS05R359024DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305610
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R359024DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

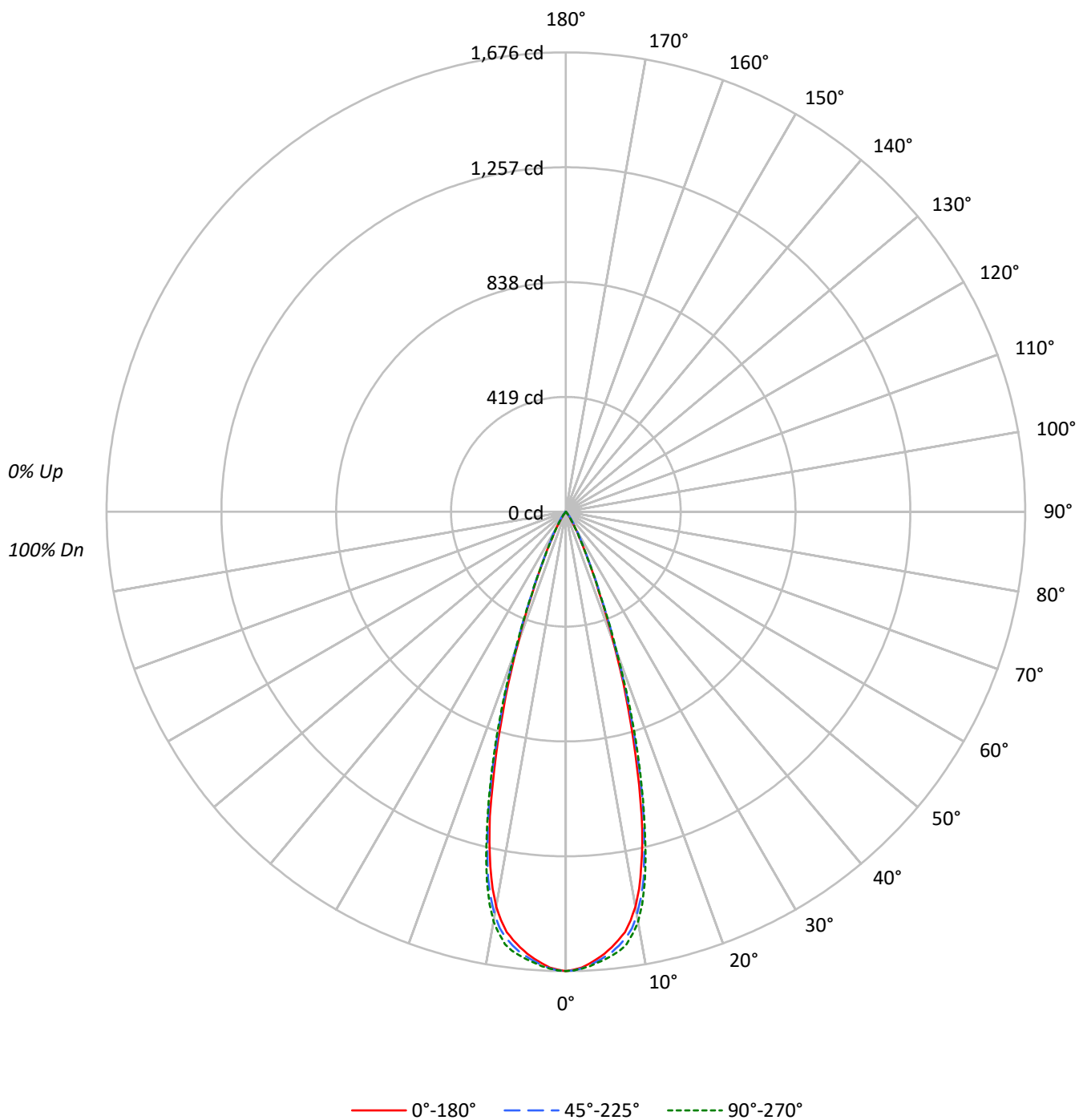
Lumens per Lamp: N/A
Luminaire Lumens: 558.0 lumens
Efficiency: N/A
Efficacy: 77.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	115	113	111	109	113	111	109	107	107	105	104		103	102	101		100
2	111	107	104	102	109	106	103	100	102	100	98		100	98	96		97
3	107	102	99	96	105	101	98	95	99	96	94		96	94	92		94
4	104	98	94	91	102	97	93	90	95	92	89		93	91	88		92
5	100	94	90	87	99	93	90	87	92	88	86		90	87	85		89
6	97	91	86	83	96	90	86	83	89	85	83		88	84	82		86
7	94	88	83	80	93	87	83	80	86	82	80		85	82	79		84
8	91	85	80	77	91	84	80	77	83	80	77		82	79	77		81
9	89	82	78	75	88	81	77	75	81	77	74		80	77	74		79
10	86	79	75	72	85	79	75	72	78	75	72		78	74	72		77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	288628	288628	288628
5°	279876	281864	283386
10°	255744	261165	265642
15°	183914	191956	193542
20°	93635	98327	98584
25°	35516	36276	35269
30°	13801	15989	13443
35°	4731	7443	4457
40°	1596	2878	1484
45°	97	974	97
50°	0	107	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: 974 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.7	27.2
10°-20°	282.6	50.7
20°-30°	101.6	18.2
30°-40°	19.8	3.6
40°-50°	2.2	0.4
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°	535.9	96.0
0°-40°	555.8	99.6
0°-60°	558.0	100.0
0°-90°	558.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	558.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1676	1676	1676	1676	1676	
5°	1619	1623	1630	1638	1639	150
15°	1032	1049	1077	1084	1086	274
25°	187	189	191	190	186	98
35°	22	26	35	26	21	17
45°	0	1	4	1	0	1
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°	1675.9	1675.9	1675.9	1675.9	1675.9
1°	1671.1	1673.3	1673.7	1676.8	1673.3
2°	1664.0	1665.3	1667.1	1669.7	1668.0
3°	1650.3	1652.9	1656.9	1660.4	1660.4
4°	1635.7	1639.2	1644.1	1650.3	1649.8
5°	1618.9	1623.3	1630.4	1637.9	1639.2
6°	1597.7	1603.0	1614.5	1625.1	1626.9
7°	1575.1	1583.1	1594.2	1609.6	1613.6
8°	1548.6	1554.8	1570.7	1588.8	1593.3
9°	1509.7	1519.0	1539.3	1556.1	1558.8
10°	1462.4	1469.1	1493.4	1511.1	1519.0
11°	1401.5	1411.2	1435.0	1453.2	1458.5
12°	1323.7	1337.8	1365.7	1378.9	1383.3
13°	1239.7	1251.6	1273.3	1289.6	1293.2
14°	1145.1	1156.6	1179.2	1192.4	1189.3
15°	1031.5	1048.8	1076.6	1084.1	1085.5
17.5°	761.9	773.0	797.7	809.7	818.1
20°	510.9	521.5	536.5	544.5	537.9
22.5°	310.7	319.5	327.5	327.1	324.8
25°	186.9	188.7	190.9	189.6	185.6
27.5°	109.2	114.0	120.7	116.2	109.6
30°	69.4	73.4	80.4	72.9	67.6
32.5°	36.7	46.4	53.9	43.8	38.5
35°	22.5	25.6	35.4	26.1	21.2
37.5°	13.7	15.9	22.1	15.5	12.4
40°	7.1	10.2	12.8	9.3	6.6
42.5°	2.2	4.9	7.1	4.4	2.2
45°	0.4	1.3	4.0	1.3	0.4
47.5°	0.0	0.0	1.8	0.4	0.0
50°	0.0	0.0	0.4	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)