

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: P1305612

Luminaire Tested: P3SQAS05R359024DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305612
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R359024DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

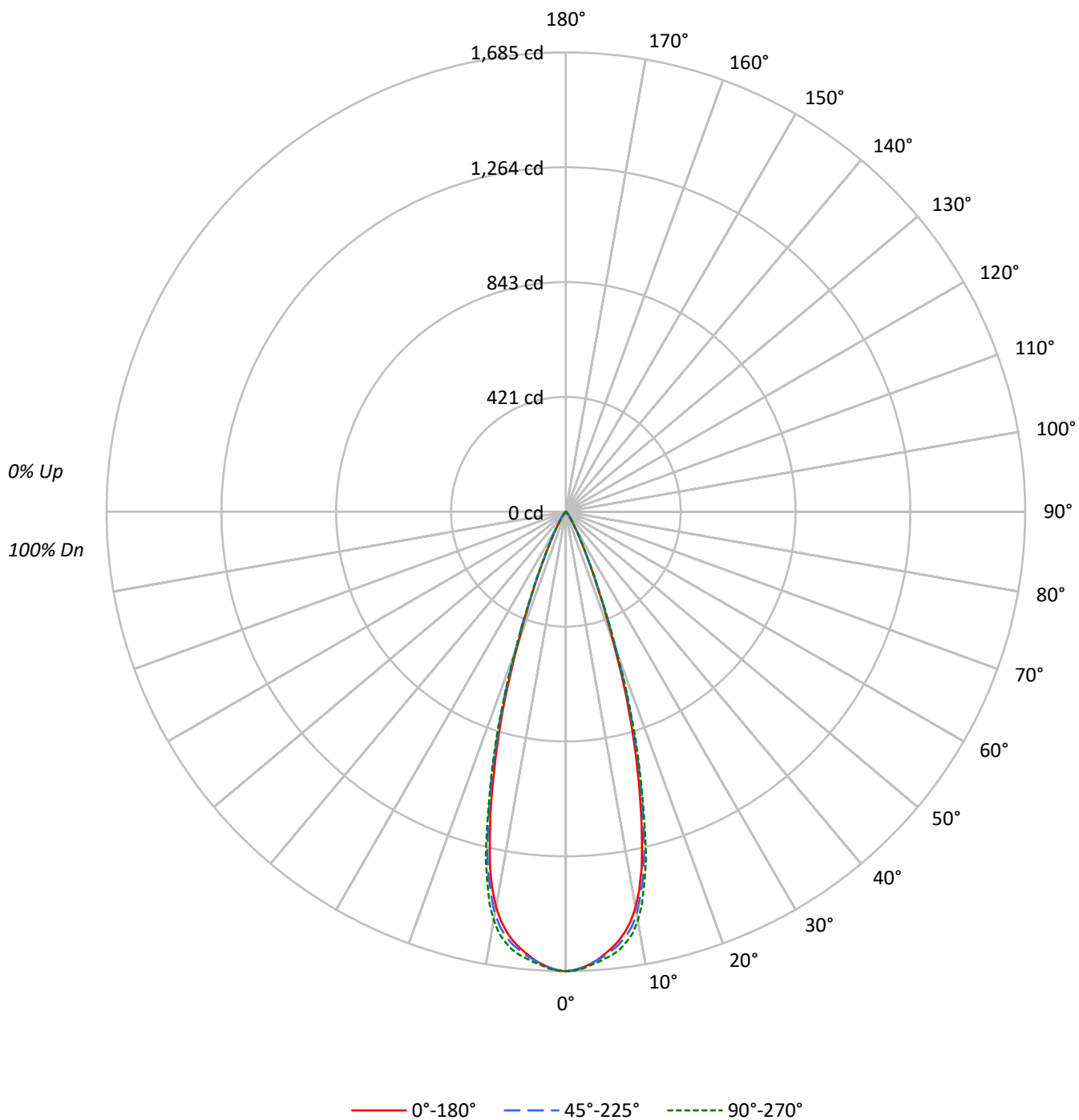
Lumens per Lamp: N/A
Luminaire Lumens: 565.9 lumens
Efficiency: N/A
Efficacy: 78.6 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1305612

CATALOG NUMBER: P3SQAS05R359024DE010 E3SQCD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1305612

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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	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94
4	103	98	94	91	102	97	93	90	95	92	89		93	90	88		91
5	100	94	90	86	99	93	89	86	91	88	85		90	87	85		89
6	97	90	86	83	96	90	86	83	88	85	82		87	84	82		86
7	94	87	83	80	93	87	82	79	85	82	79		84	81	79		83
8	91	84	80	77	90	84	80	77	83	79	76		82	78	76		81
9	88	81	77	74	88	81	77	74	80	76	74		79	76	74		79
10	86	79	75	72	85	78	74	72	78	74	71		77	74	71		76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	290195	290195	290195
5°	281605	282590	284509
10°	257597	262074	266097
15°	184913	191670	193649
20°	93012	98437	98676
25°	35250	36333	36504
30°	14318	16426	14060
35°	5193	7884	5025
40°	2181	3372	2091
45°	536	1388	536
50°	348	589	348
55°	390	390	390
60°	448	448	448
65°	367	367	367
70°	201	201	201
75°	266	266	266
80°	397	397	397
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1388 cd/sqm

TEST NUMBER: P1305612

CATALOG NUMBER: P3SQAS05R359024DE010 E3SQCD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.3	26.9
10°-20°	283.8	50.2
20°-30°	102.1	18.0
30°-40°	21.4	3.8
40°-50°	3.7	0.7
50°-60°	1.2	0.2
60°-70°	0.9	0.2
70°-80°	0.4	0.1
80°-90°	0.1	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°	538.2	95.1
0°-40°	559.7	98.9
0°-60°	564.6	99.8
0°-90°	565.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	565.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1685	1685	1685	1685	1685	
5°	1629	1632	1635	1646	1646	151
15°	1037	1055	1075	1086	1086	276
25°	186	188	191	193	192	99
35°	25	29	38	29	24	19
45°	2	4	6	4	2	3
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

TEST NUMBER: P1305612

CATALOG NUMBER: P3SQAS05R359024DE010 E3SQCD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1685.0	1685.0	1685.0	1685.0	1685.0
1°	1684.1	1684.1	1680.6	1684.5	1683.2
2°	1674.8	1675.7	1673.5	1678.4	1677.9
3°	1662.0	1664.2	1662.5	1669.5	1667.3
4°	1648.3	1650.1	1649.2	1658.0	1657.2
5°	1628.9	1632.0	1634.6	1645.7	1645.7
6°	1609.0	1612.1	1617.9	1629.8	1633.8
7°	1586.1	1590.0	1599.3	1615.2	1617.9
8°	1556.9	1561.3	1574.1	1591.4	1594.9
9°	1520.7	1527.3	1541.9	1562.6	1564.9
10°	1473.0	1478.3	1498.6	1515.8	1521.6
11°	1411.2	1415.6	1433.7	1461.5	1465.0
12°	1336.1	1341.4	1364.8	1382.9	1386.4
13°	1241.1	1251.3	1279.5	1297.2	1306.9
14°	1143.5	1157.2	1177.5	1202.7	1196.5
15°	1037.1	1055.2	1075.0	1086.5	1086.1
17.5°	776.0	786.6	804.3	810.9	819.7
20°	507.5	521.2	537.1	543.3	538.4
22.5°	314.9	318.4	323.3	326.0	325.1
25°	185.5	188.2	191.2	193.0	192.1
27.5°	111.7	117.9	122.3	117.0	114.0
30°	72.0	74.6	82.6	75.5	70.7
32.5°	42.8	49.0	55.7	47.3	41.1
35°	24.7	29.2	37.5	28.7	23.9
37.5°	15.9	18.1	24.3	17.7	15.5
40°	9.7	12.4	15.0	11.5	9.3
42.5°	4.9	7.5	8.8	6.6	4.9
45°	2.2	3.5	5.7	3.5	2.2
47.5°	1.3	1.8	3.5	1.8	1.3
50°	1.3	1.3	2.2	1.3	1.3
52.5°	1.3	1.3	1.3	1.3	1.3
55°	1.3	1.3	1.3	1.3	1.3
57.5°	1.3	1.3	1.3	1.3	1.3
60°	1.3	1.3	1.3	1.3	1.3
62.5°	0.9	0.9	0.9	0.9	0.9
65°	0.9	0.9	0.9	0.9	0.9
67.5°	0.9	0.9	0.9	0.9	0.9
70°	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	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: P1305612

CATALOG NUMBER: P3SQAS05R359024DE010 E3SQCD1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)