

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: P1308821

Luminaire Tested: P3SQAS05R359035DE010 E3SQPH1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308821
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R359035DE010 E3SQPH1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3SQPH1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

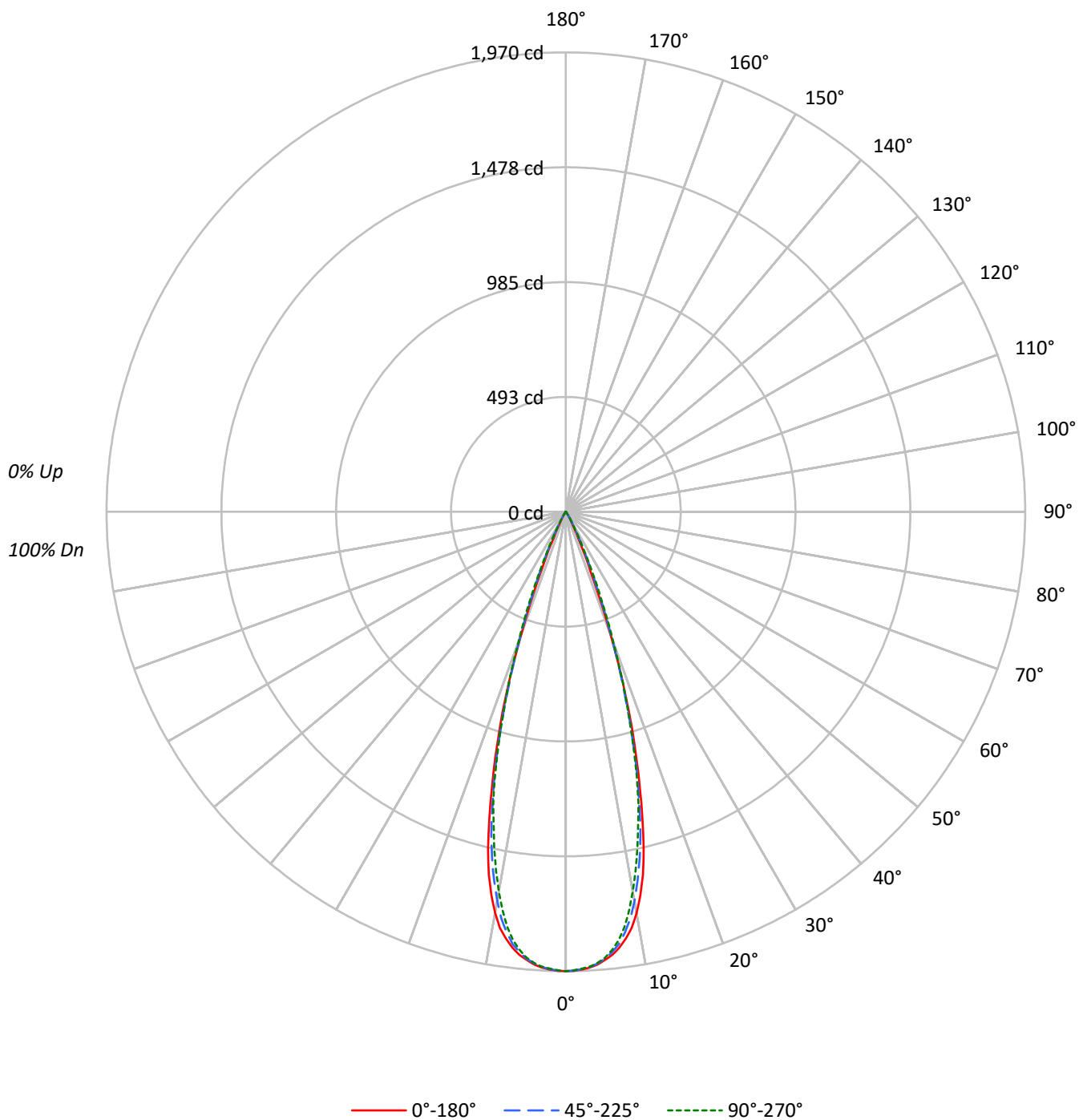
Lumens per Lamp: N/A
Luminaire Lumens: 598.0 lumens
Efficiency: N/A
Efficacy: 83.1 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1308821

CATALOG NUMBER: P3SQAS05R359035DE010 E3SQPH1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1308821

CATALOG NUMBER: P3SQAS05R359035DE010 E3SQPH1MB

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93	92	91
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90	89	87
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87	86	85
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	82
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	81	80
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	79	78	77
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	76	75	74
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	74	73	72
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	72	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	339313	339313	339313
5°	333486	332778	332069
10°	305637	296438	289233
15°	218843	211872	209304
20°	101480	104980	108664
25°	24076	34262	35725
30°	7060	8094	9108
35°	1619	2607	2376
40°	337	697	472
45°	122	122	122
50°	134	0	134
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: 0°

Vertical Angle: 52.5°

Luminance: 141 cd/sqm

TEST NUMBER: P1308821

CATALOG NUMBER: P3SQAS05R359035DE010 E3SQPH1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	176.9	29.6
10°-20°	316.2	52.9
20°-30°	95.1	15.9
30°-40°	9.1	1.5
40°-50°	0.6	0.1
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°	588.2	98.4
0°-40°	597.3	99.9
0°-60°	598.0	100.0
0°-90°	598.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	598.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1970	1970	1970	1970	1970	
5°	1929	1928	1925	1922	1921	179
15°	1227	1218	1188	1183	1174	324
25°	127	140	180	188	188	82
35°	8	10	12	13	11	7
45°	0	0	0	0	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	

TEST NUMBER: P1308821

CATALOG NUMBER: P3SQAS05R359035DE010 E3SQPH1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1970.2	1970.2	1970.2	1970.2	1970.2
1°	1969.2	1969.2	1968.1	1968.1	1966.1
2°	1964.5	1965.1	1963.0	1962.5	1960.9
3°	1957.3	1955.8	1955.8	1954.8	1953.7
4°	1946.0	1942.9	1941.9	1942.4	1940.3
5°	1929.0	1928.5	1924.9	1922.3	1920.8
6°	1910.5	1906.8	1899.1	1892.4	1890.9
7°	1882.6	1874.9	1868.2	1854.3	1852.2
8°	1848.6	1836.3	1821.9	1802.3	1801.3
9°	1806.9	1786.8	1766.7	1740.5	1731.2
10°	1747.7	1729.1	1695.1	1672.0	1653.9
11°	1674.0	1650.8	1611.2	1583.4	1568.4
12°	1590.6	1569.0	1522.6	1497.4	1476.2
13°	1483.4	1465.4	1422.2	1394.3	1377.9
14°	1359.3	1345.9	1304.7	1292.4	1286.7
15°	1227.4	1218.2	1188.3	1183.2	1173.9
17.5°	903.5	888.0	871.0	874.1	877.2
20°	553.7	575.4	572.8	584.1	592.9
22.5°	276.1	303.9	336.4	355.9	365.7
25°	126.7	139.6	180.3	188.0	188.0
27.5°	63.9	67.0	85.0	86.5	90.7
30°	35.5	38.1	40.7	45.3	45.8
32.5°	18.0	21.1	22.1	24.7	23.7
35°	7.7	10.3	12.4	13.4	11.3
37.5°	3.6	4.6	6.7	6.2	4.6
40°	1.5	2.1	3.1	2.6	2.1
42.5°	1.0	1.0	1.5	1.0	1.0
45°	0.5	0.5	0.5	0.5	0.5
47.5°	0.5	0.5	0.0	0.5	0.5
50°	0.5	0.0	0.0	0.0	0.5
52.5°	0.5	0.0	0.0	0.0	0.5
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: P1308821

CATALOG NUMBER: P3SQAS05R359035DE010 E3SQPH1MB

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)