

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P672651

Luminaire Tested: **CCP-SA-2D-722-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672651
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2D-722-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5NQ
distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

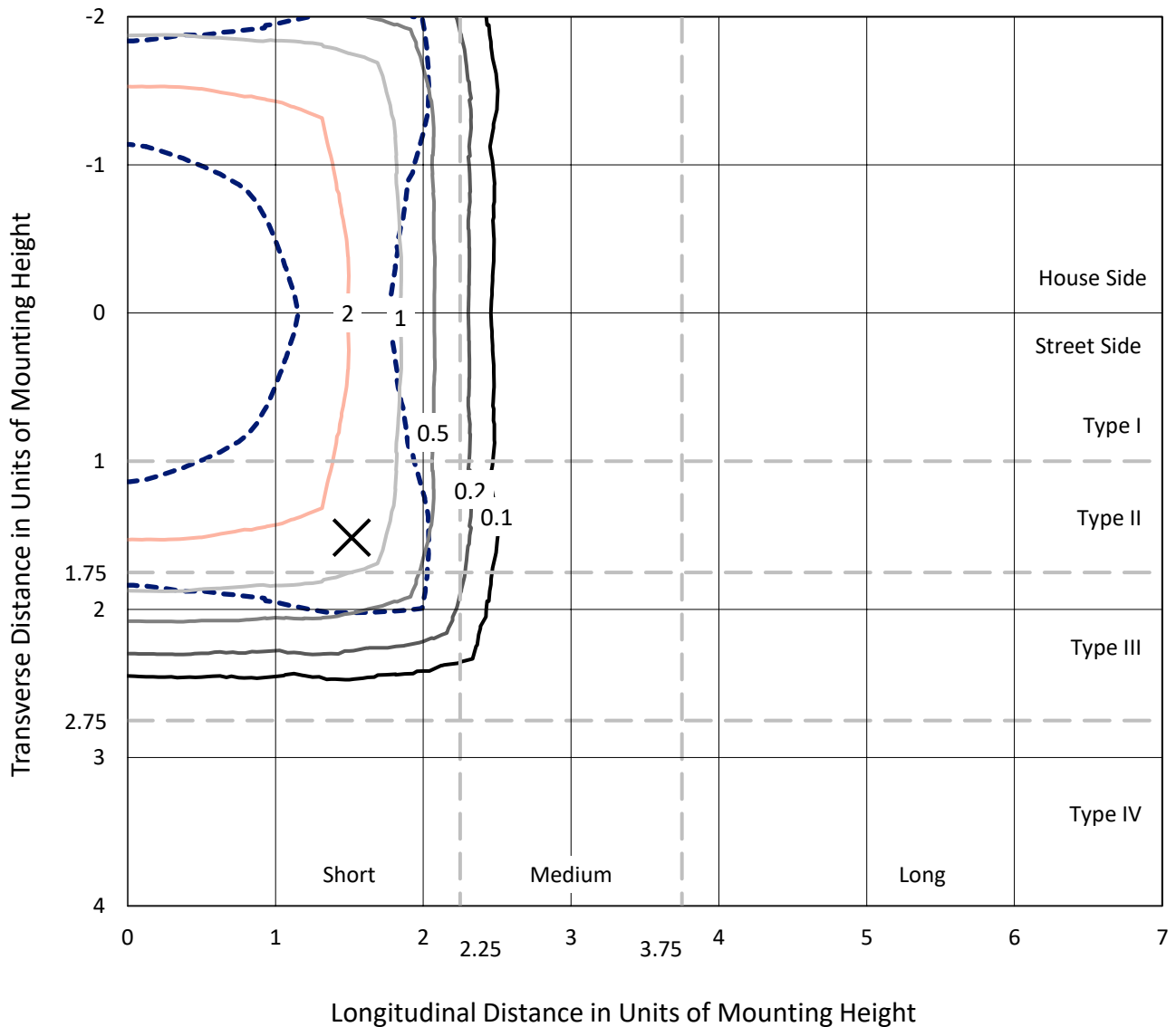
Lumens per Lamp: N/A
Luminaire Lumens: 8548.8 lumens
Efficiency: N/A
Efficacy: 105.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 80.8
Input Voltage (V): 120
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: 25 FT

REPORT NUMBER: P672651
 CATALOG NUMBER: CCP-SA-2D-722-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination

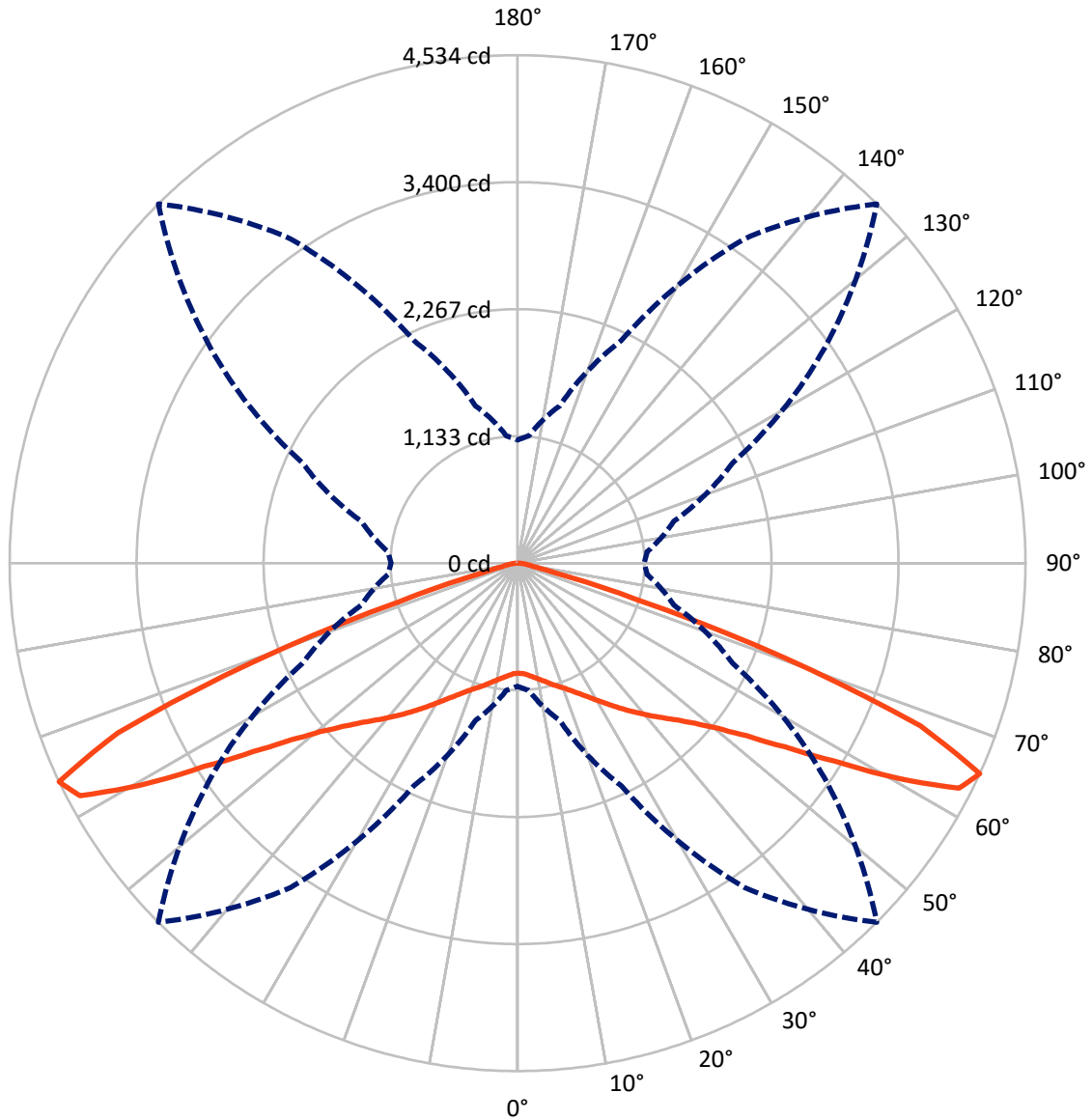
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.5 fc
 Type V - Short - N/A

REPORT NUMBER: P672651
CATALOG NUMBER: CCP-SA-2D-722-U-5NQ

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P672651

CATALOG NUMBER: CCP-SA-2D-722-U-5NQ

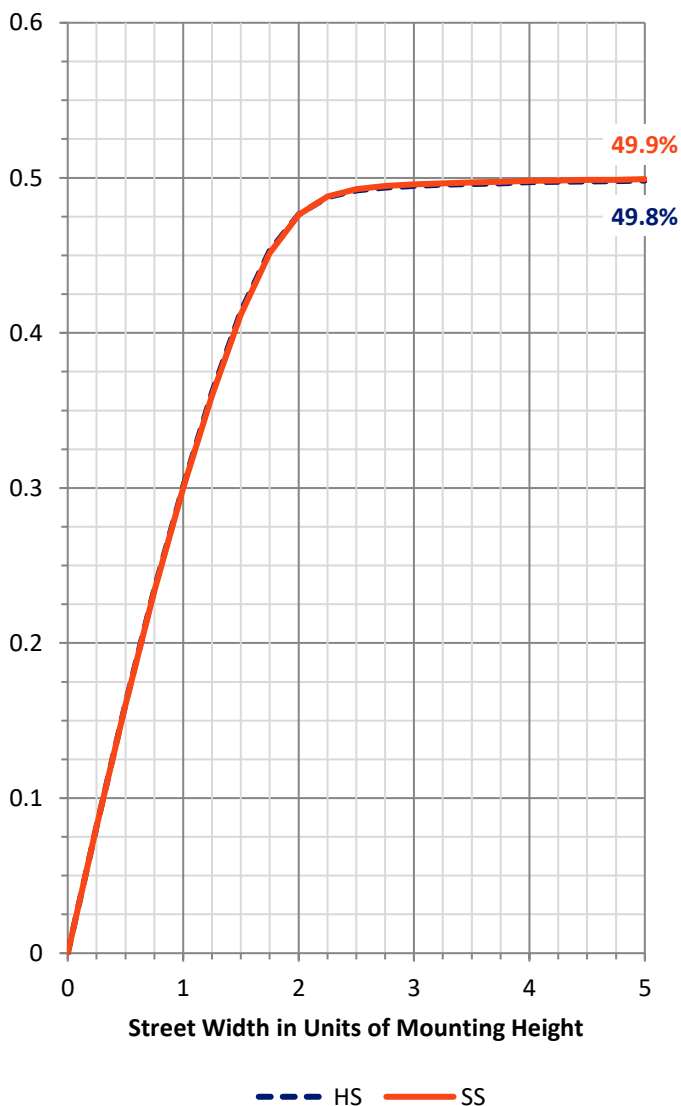
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4274.4	0.0	4274.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4274.4	0.0	4274.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	8548.8	0.0	8548.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.3	1.1
10°-20°	317.8	3.7
20°-30°	602.8	7.1
30°-40°	1010.9	11.8
40°-50°	1599.6	18.7
50°-60°	2513.0	29.4
60°-70°	2123.3	24.8
70°-80°	247.2	2.9
80°-90°	36.8	0.4
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°-90°	8548.8	100.0
0°-180°	8548.8	100.0



REPORT NUMBER: P672651

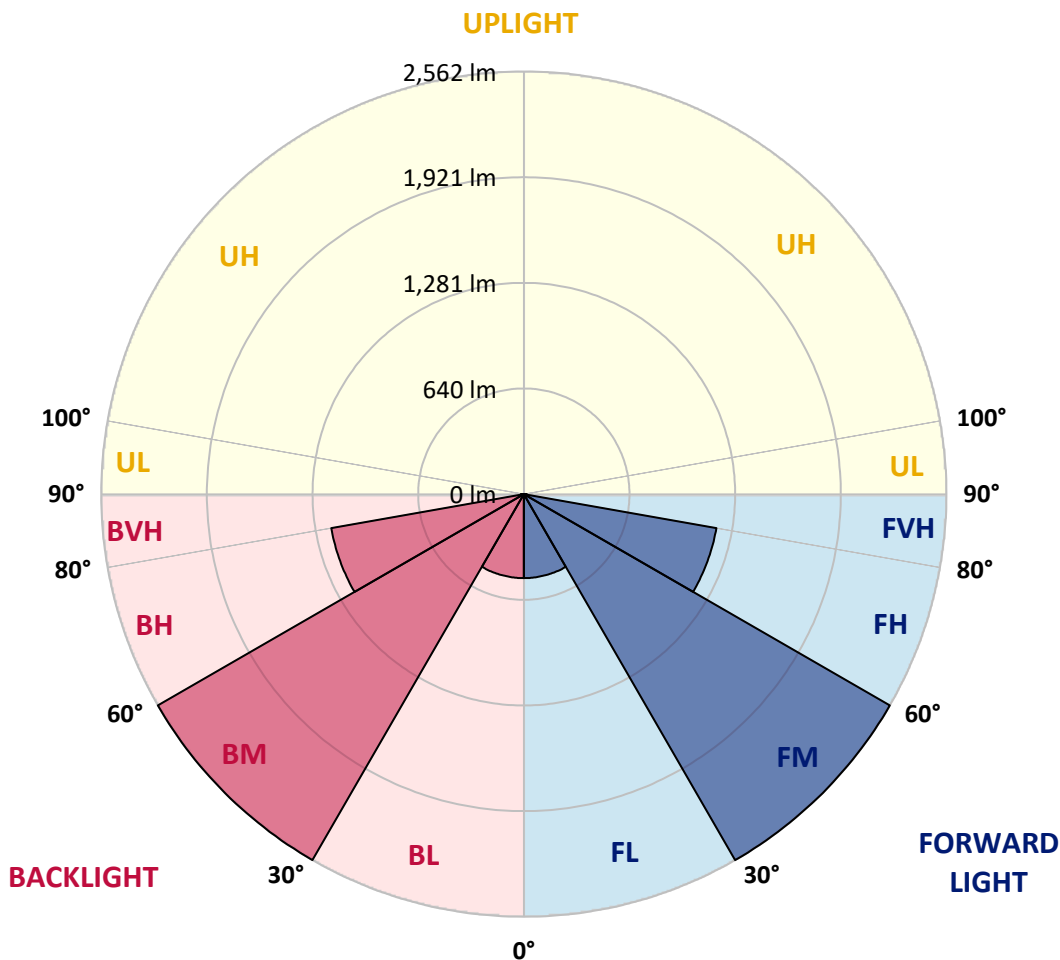
CATALOG NUMBER: CCP-SA-2D-722-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	509.0	6.0			
FM (30°-60°)	2561.8	30.0			
FH (60°-80°)	1185.3	13.9			G1/1800
FVH (80°-90°)	18.4	0.2			G1/100
BL (0°-30°)	509.0	6.0	B2/1000		
BM (30°-60°)	2561.8	30.0	B3/5000		
BH (60°-80°)	1185.3	13.9	B3/2500		G1/1800
BVH (80°-90°)	18.4	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	983.0	983.0	983.0	983.0	983.0	983.0	983.0	983.0	983.0	983.0	983.0
2.5°	988.4	985.4	988.4	988.4	986.6	987.2	984.8	984.2	987.2	984.8	984.2
5°	1008.8	1006.4	1008.8	1007.0	1004.0	1004.6	1001.0	999.8	1003.4	999.8	1000.4
7.5°	1032.2	1028.0	1029.2	1031.0	1028.0	1028.0	1025.0	1023.2	1025.0	1021.4	1023.8
10°	1052.1	1048.5	1050.3	1052.7	1052.1	1053.9	1050.9	1049.7	1047.9	1043.7	1047.3
12.5°	1077.9	1076.7	1079.1	1082.1	1080.9	1083.3	1076.7	1074.9	1074.3	1069.5	1073.7
15°	1111.5	1108.5	1112.7	1116.4	1114.5	1118.8	1113.3	1110.9	1107.9	1101.9	1105.5
17.5°	1145.2	1142.8	1148.8	1150.6	1151.2	1154.8	1150.6	1147.0	1145.8	1141.6	1139.2
20°	1185.4	1182.4	1187.3	1190.9	1187.9	1192.1	1190.3	1187.9	1186.6	1180.0	1179.4
22.5°	1230.5	1226.3	1233.5	1237.7	1233.5	1237.7	1234.1	1233.5	1234.1	1224.5	1225.7
25°	1281.0	1281.6	1288.8	1291.8	1289.4	1291.8	1286.4	1290.0	1288.2	1278.0	1274.4
27.5°	1345.9	1343.5	1351.3	1360.3	1354.3	1354.3	1351.9	1355.5	1354.9	1345.3	1342.9
30°	1421.6	1421.0	1432.4	1437.8	1429.4	1425.8	1425.2	1434.2	1434.8	1424.6	1420.4
32.5°	1500.9	1500.9	1514.7	1521.3	1509.3	1506.9	1504.5	1516.5	1514.7	1500.9	1491.9
35°	1588.0	1584.4	1603.0	1612.6	1600.6	1593.4	1592.2	1603.0	1600.6	1581.4	1570.6
37.5°	1673.9	1676.3	1698.0	1708.8	1694.4	1685.3	1688.3	1695.6	1696.2	1675.1	1663.7
40°	1779.1	1779.7	1806.7	1815.1	1796.5	1782.7	1786.9	1803.1	1801.9	1776.1	1761.6
42.5°	1896.8	1894.4	1928.1	1935.3	1910.1	1883.6	1896.2	1921.5	1927.5	1898.6	1883.6
45°	2023.0	2026.6	2061.5	2069.3	2029.6	1996.0	2023.0	2060.9	2068.7	2037.4	2018.8
47.5°	2176.2	2180.4	2222.5	2225.5	2180.4	2136.6	2172.6	2221.9	2224.9	2181.6	2160.0
50°	2351.1	2365.5	2412.4	2418.4	2373.9	2317.4	2369.1	2413.0	2401.5	2343.9	2324.0
52.5°	2549.3	2560.8	2634.1	2659.3	2620.2	2559.6	2601.0	2628.1	2591.4	2515.7	2485.1
55°	2718.2	2737.4	2834.7	2911.6	2941.1	2895.4	2890.6	2851.0	2748.8	2633.5	2601.6
57.5°	2765.6	2784.3	2935.1	3133.4	3308.2	3331.0	3225.3	3026.4	2806.5	2628.7	2596.2
60°	2572.8	2598.0	2818.5	3194.0	3695.7	3902.4	3520.3	3041.4	2656.9	2418.4	2377.5
62.5°	2020.6	2067.5	2352.3	2941.1	3852.0	4422.7	3641.7	2782.5	2205.7	1923.9	1869.8
65°	1098.9	1139.2	1453.4	2191.8	3535.3	4533.9	3344.2	2118.5	1442.6	1159.6	1130.2
67.5°	412.2	441.6	585.8	1083.3	2499.5	3876.0	2538.5	1213.1	654.9	469.9	428.4
70°	175.4	179.0	212.1	377.3	1136.2	2521.7	1299.6	412.2	218.7	176.6	171.8
72.5°	126.2	126.8	135.8	167.0	346.1	1106.1	392.9	173.0	133.4	120.2	120.2
75°	100.9	101.5	106.9	120.8	163.4	325.7	169.4	121.4	103.3	94.3	93.1
77.5°	79.3	80.5	85.9	94.3	109.4	149.0	114.8	95.5	82.9	74.5	73.3
80°	58.9	60.7	67.9	72.1	76.9	99.1	83.5	74.5	66.1	57.1	55.3
82.5°	39.1	40.9	50.5	53.5	52.9	62.5	57.7	57.1	50.5	37.9	36.1
85°	23.4	24.6	32.4	34.8	32.4	30.6	36.7	39.7	35.4	24.6	22.8
87.5°	10.2	10.2	14.4	15.0	14.4	11.4	17.4	20.4	21.0	12.6	11.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)