

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: P672649

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672649
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-722-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5293.7 lumens
Efficiency: N/A
Efficacy: 115.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

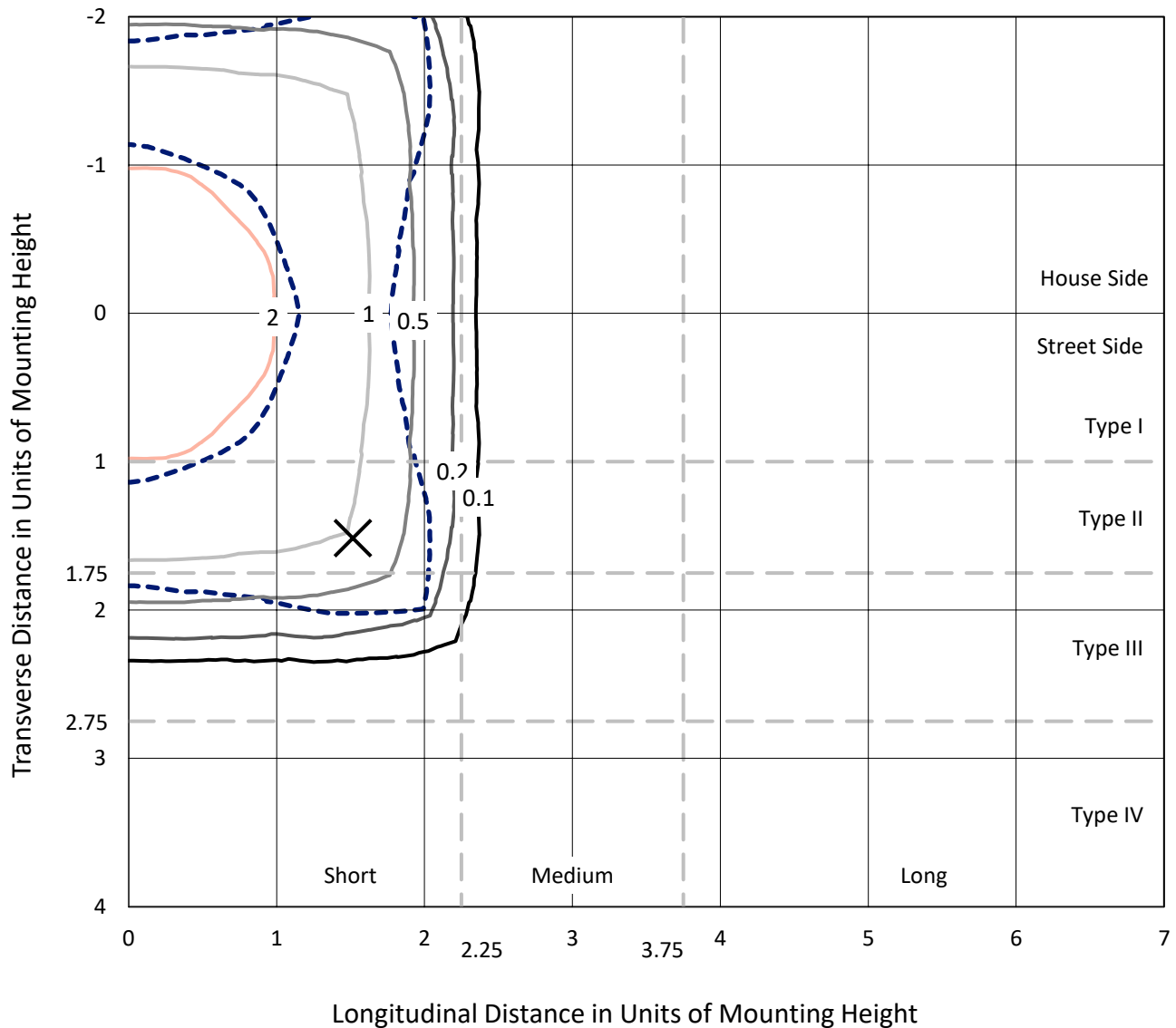
Input Watts (W): 46
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

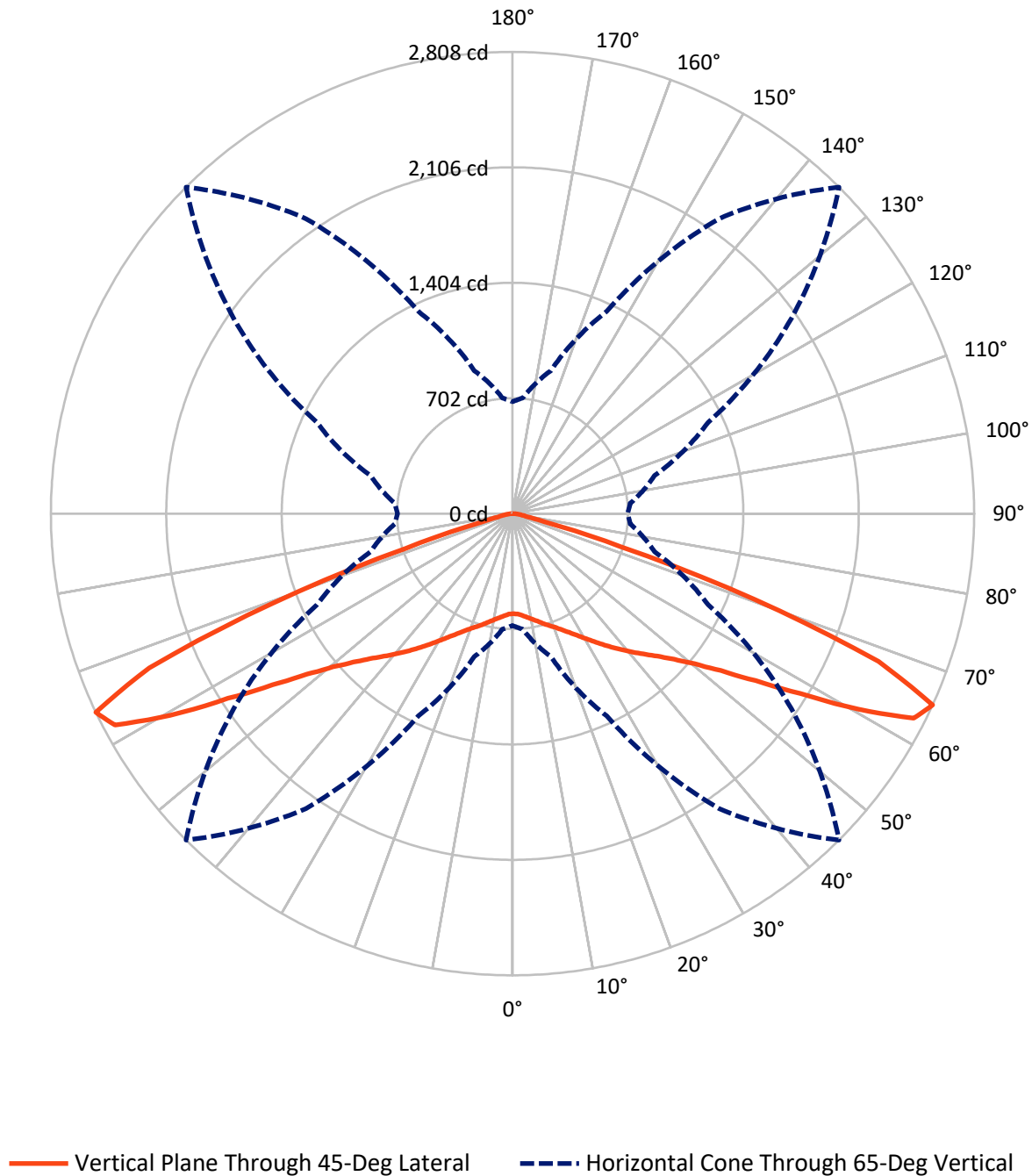


Based on 15 foot mounting height. Maximum calculated value = 2.8 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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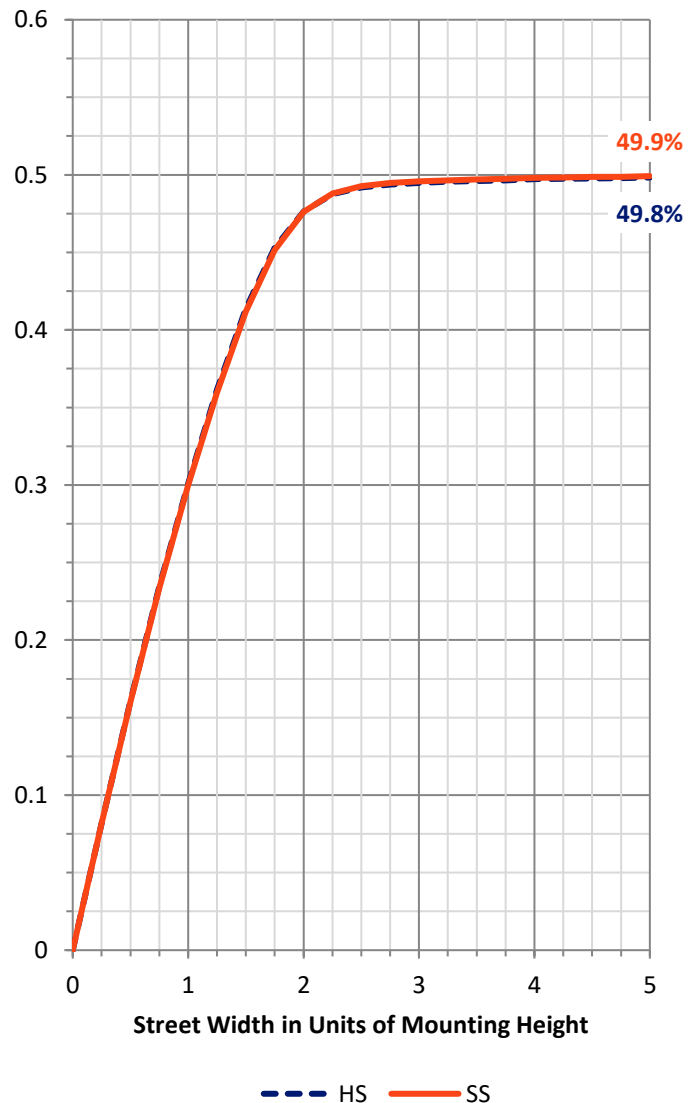
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2646.9	0.0	2646.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2646.9	0.0	2646.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	5293.7	0.0	5293.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.3	1.1
10°-20°	196.8	3.7
20°-30°	373.2	7.1
30°-40°	626.0	11.8
40°-50°	990.5	18.7
50°-60°	1556.2	29.4
60°-70°	1314.8	24.8
70°-80°	153.1	2.9
80°-90°	22.8	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°	5293.7	100.0
0°-180°	5293.7	100.0

Coefficient of Utilization



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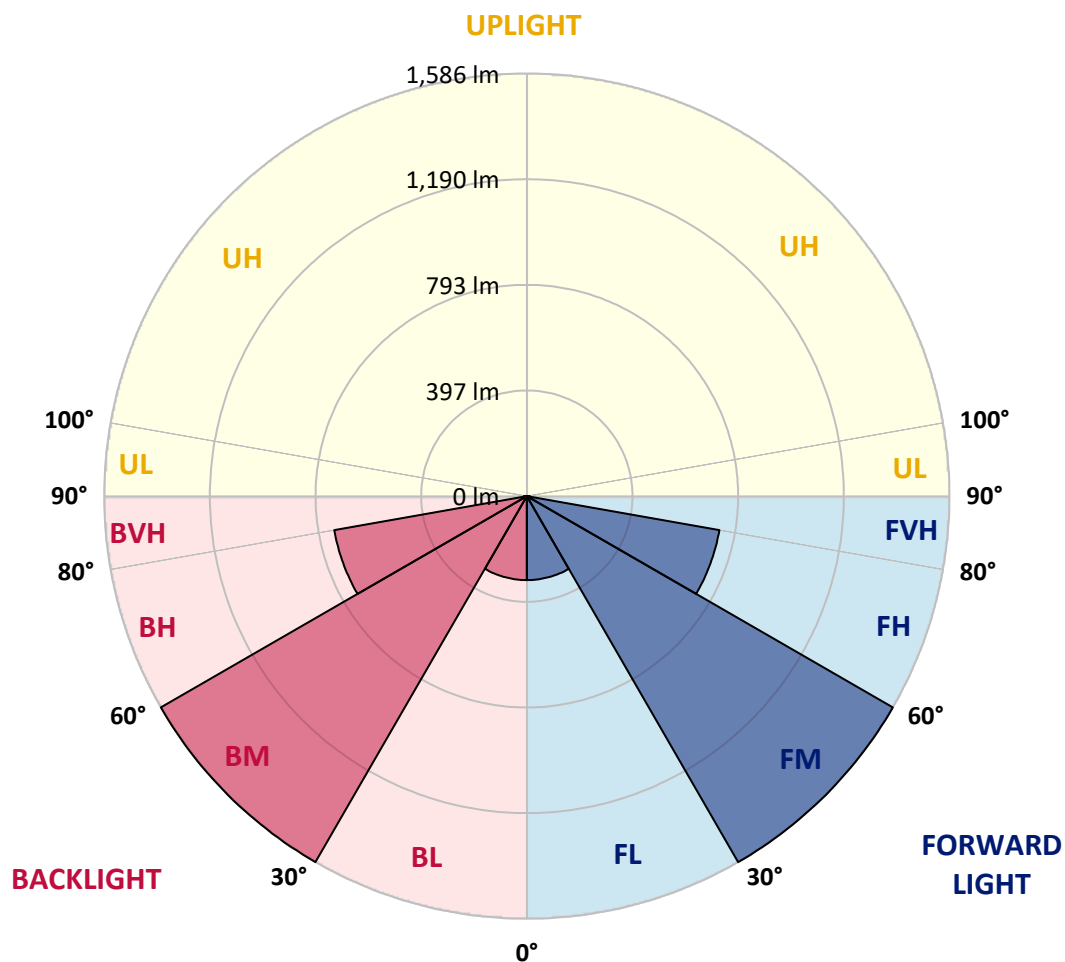
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	315.2	6.0			
FM	(30°-60°)	1586.3	30.0			
FH	(60°-80°)	734.0	13.9			G1/1800
FVH	(80°-90°)	11.4	0.2			G1/100
BL	(0°-30°)	315.2	6.0	B1/500		
BM	(30°-60°)	1586.3	30.0	B2/2500		
BH	(60°-80°)	734.0	13.9	B2/1000		G1/1800
BVH	(80°-90°)	11.4	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	608.7	608.7	608.7	608.7	608.7	608.7	608.7	608.7	608.7	608.7	608.7
2.5°	612.0	610.2	612.0	612.0	610.9	611.3	609.8	609.4	611.3	609.8	609.4
5°	624.7	623.2	624.7	623.6	621.7	622.1	619.9	619.1	621.3	619.1	619.5
7.5°	639.2	636.6	637.3	638.5	636.6	636.6	634.7	633.6	634.7	632.5	634.0
10°	651.5	649.2	650.4	651.8	651.5	652.6	650.7	650.0	648.9	646.3	648.5
12.5°	667.5	666.7	668.2	670.1	669.3	670.8	666.7	665.6	665.2	662.3	664.9
15°	688.3	686.4	689.1	691.3	690.2	692.8	689.4	687.9	686.1	682.4	684.6
17.5°	709.1	707.7	711.4	712.5	712.9	715.1	712.5	710.3	709.5	706.9	705.4
20°	734.1	732.2	735.2	737.4	735.6	738.2	737.0	735.6	734.8	730.7	730.4
22.5°	762.0	759.4	763.8	766.4	763.8	766.4	764.2	763.8	764.2	758.3	759.0
25°	793.2	793.6	798.1	799.9	798.4	799.9	796.6	798.8	797.7	791.4	789.1
27.5°	833.4	831.9	836.8	842.3	838.6	838.6	837.1	839.4	839.0	833.0	831.6
30°	880.3	879.9	887.0	890.3	885.1	882.9	882.5	888.1	888.5	882.2	879.5
32.5°	929.4	929.4	938.0	942.1	934.6	933.1	931.6	939.1	938.0	929.4	923.8
35°	983.4	981.1	992.7	998.6	991.2	986.7	986.0	992.7	991.2	979.3	972.6
37.5°	1036.6	1038.0	1051.4	1058.1	1049.2	1043.6	1045.5	1050.0	1050.3	1037.3	1030.2
40°	1101.7	1102.0	1118.8	1124.0	1112.5	1103.9	1106.5	1116.5	1115.8	1099.8	1090.9
42.5°	1174.6	1173.1	1193.9	1198.4	1182.8	1166.4	1174.2	1189.8	1193.6	1175.7	1166.4
45°	1252.7	1255.0	1276.5	1281.4	1256.8	1236.0	1252.7	1276.2	1281.0	1261.7	1250.1
47.5°	1347.6	1350.2	1376.2	1378.1	1350.2	1323.0	1345.4	1375.9	1377.7	1350.9	1337.6
50°	1455.9	1464.8	1493.8	1497.5	1470.0	1435.0	1467.0	1494.2	1487.1	1451.4	1439.1
52.5°	1578.6	1585.7	1631.1	1646.7	1622.5	1585.0	1610.6	1627.4	1604.7	1557.8	1538.8
55°	1683.2	1695.1	1755.4	1803.0	1821.2	1793.0	1790.0	1765.4	1702.2	1630.7	1611.0
57.5°	1712.6	1724.1	1817.5	1940.3	2048.6	2062.7	1997.2	1874.1	1737.9	1627.8	1607.7
60°	1593.2	1608.8	1745.3	1977.9	2288.5	2416.5	2179.9	1883.4	1645.2	1497.5	1472.2
62.5°	1251.2	1280.3	1456.6	1821.2	2385.3	2738.7	2255.0	1723.0	1365.8	1191.3	1157.8
65°	680.5	705.4	900.0	1357.3	2189.2	2807.6	2070.9	1311.9	893.3	718.1	699.8
67.5°	255.2	273.5	362.8	670.8	1547.8	2400.2	1571.9	751.2	405.5	291.0	265.3
70°	108.6	110.9	131.3	233.7	703.6	1561.5	804.8	255.2	135.4	109.4	106.4
72.5°	78.1	78.5	84.1	103.4	214.3	685.0	243.3	107.2	82.6	74.4	74.4
75°	62.5	62.9	66.2	74.8	101.2	201.7	104.9	75.2	64.0	58.4	57.7
77.5°	49.1	49.9	53.2	58.4	67.7	92.3	71.1	59.2	51.3	46.1	45.4
80°	36.5	37.6	42.0	44.6	47.6	61.4	51.7	46.1	40.9	35.3	34.2
82.5°	24.2	25.3	31.3	33.1	32.7	38.7	35.7	35.3	31.3	23.4	22.3
85°	14.5	15.3	20.1	21.6	20.1	19.0	22.7	24.6	22.0	15.3	14.1
87.5°	6.3	6.3	8.9	9.3	8.9	7.1	10.8	12.7	13.0	7.8	7.1
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)