

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: P672795

Luminaire Tested: **CCP-SA-2D-722-U-RW**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672795  
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-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ RW distribution lens  
Light Source: (32) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

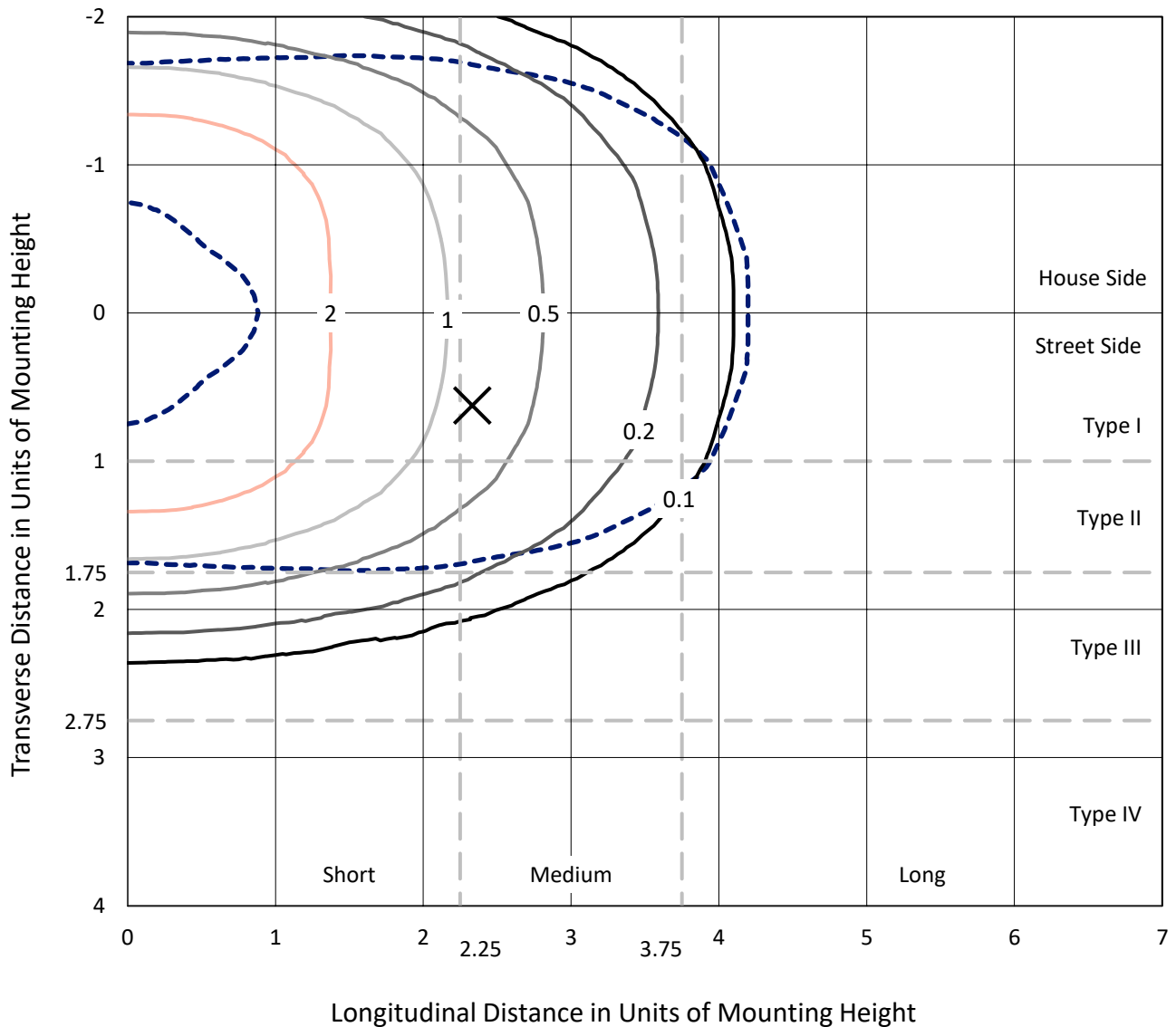
Lumens per Lamp: N/A  
Luminaire Lumens: 8356.8 lumens  
Efficiency: N/A  
Efficacy: 103.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G3

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: P672795  
 CATALOG NUMBER: CCP-SA-2D-722-U-RW

### Iso-Footcandle Lines of Horizontal Illumination

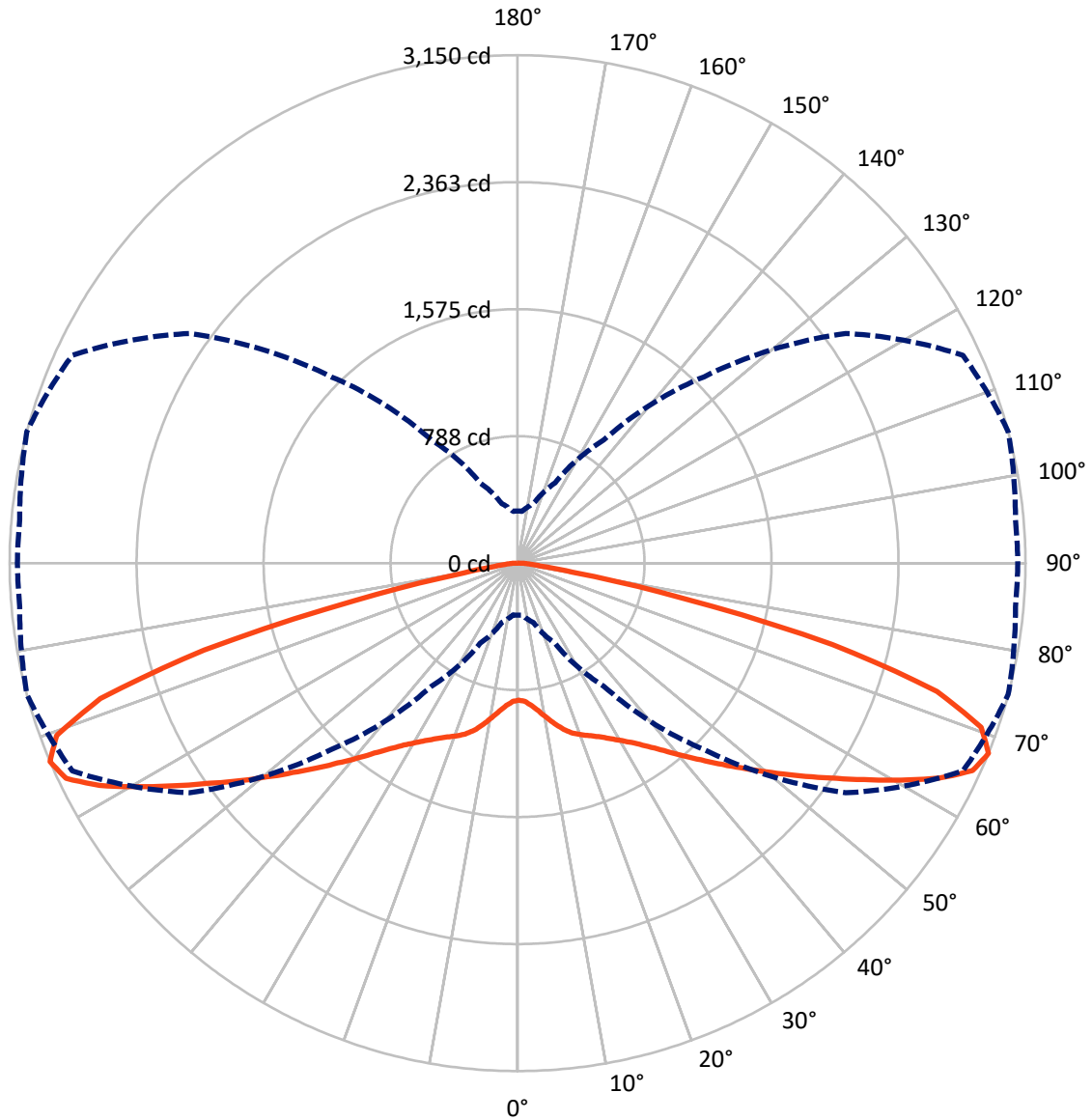
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.4 fc  
 Type II - Medium - N/A

REPORT NUMBER: P672795  
CATALOG NUMBER: CCP-SA-2D-722-U-RW

### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P672795

CATALOG NUMBER: CCP-SA-2D-722-U-RW

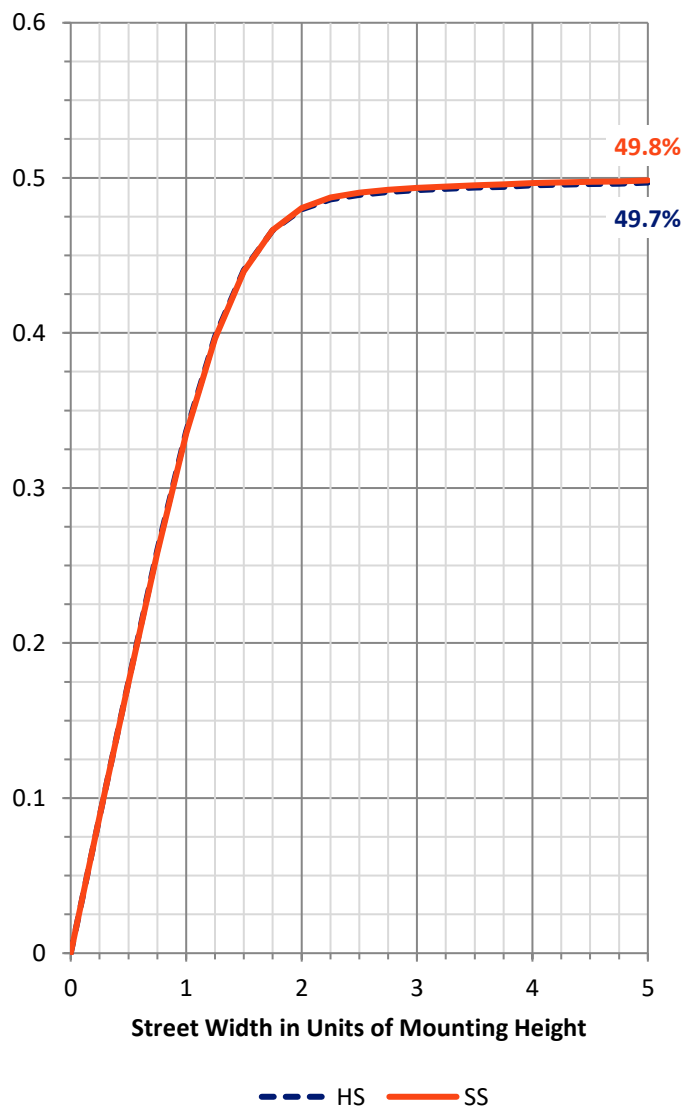
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4178.4	0.0	4178.4
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	4178.4	0.0	4178.4
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	8356.8	0.0	8356.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	84.1	1.0
10°-20°	283.5	3.4
20°-30°	553.5	6.6
30°-40°	954.9	11.4
40°-50°	1546.8	18.5
50°-60°	2103.6	25.2
60°-70°	1940.7	23.2
70°-80°	812.1	9.7
80°-90°	77.5	0.9
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°	8356.8	100.0
0°-180°	8356.8	100.0



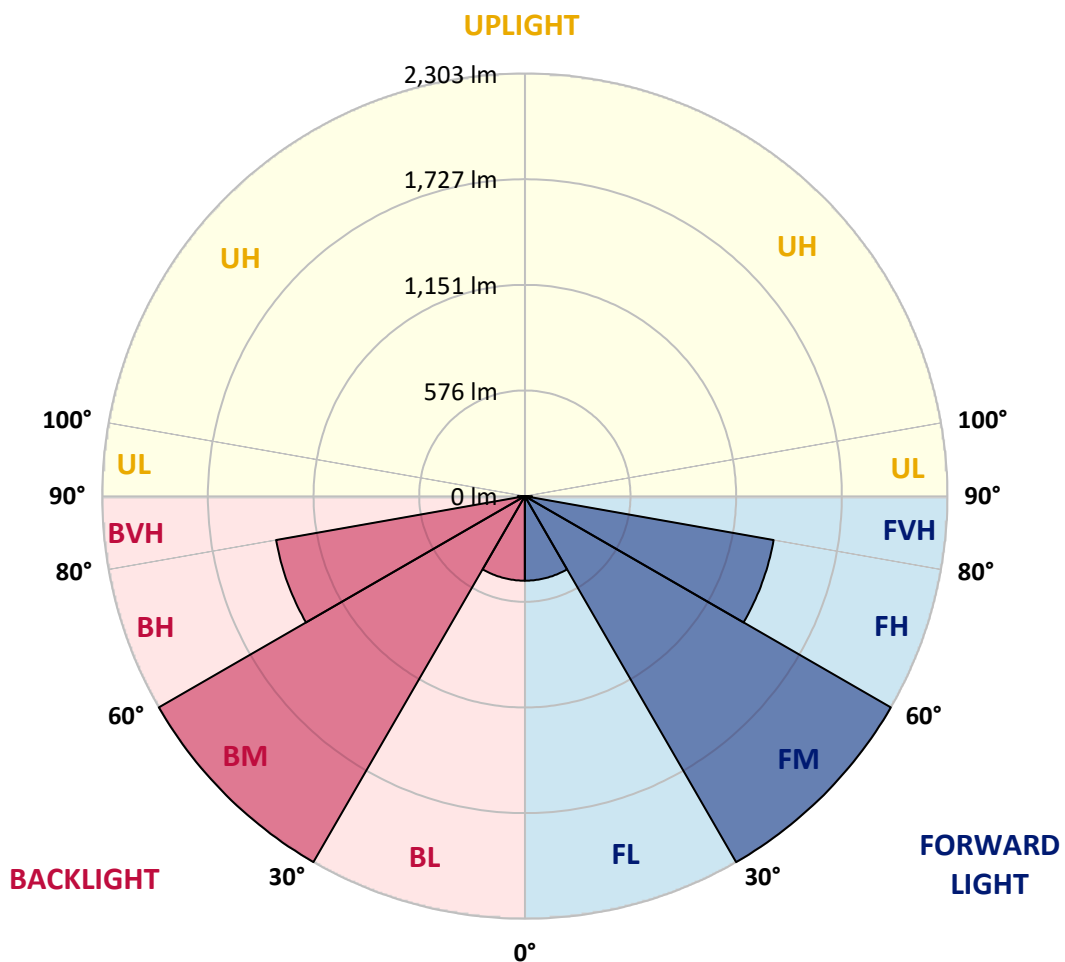
REPORT NUMBER: P672795  
 CATALOG NUMBER: CCP-SA-2D-722-U-RW

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	460.6	5.5			
FM (30°-60°)	2302.7	27.6			
FH (60°-80°)	1376.4	16.5			G1/1800
FVH (80°-90°)	38.8	0.5			G1/100
BL (0°-30°)	460.6	5.5	B1/500		
BM (30°-60°)	2302.7	27.6	B2/2500		
BH (60°-80°)	1376.4	16.5	B3/2500		G3/2500
BVH (80°-90°)	38.8	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type II Medium





REPORT NUMBER: P672795  
 CATALOG NUMBER: CCP-SA-2D-722-U-RW

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	850.2	850.2	850.2	850.2	850.2	850.2	850.2	850.2	850.2	850.2	850.2
2.5°	844.8	844.8	847.2	850.2	851.4	853.8	854.4	854.4	858.0	857.4	858.0
5°	842.4	842.4	846.6	852.0	858.0	865.2	872.4	876.6	885.6	887.4	888.0
7.5°	844.8	845.4	851.4	860.4	870.6	883.8	897.6	909.1	924.1	929.5	933.1
10°	853.8	854.4	862.2	874.8	890.4	909.7	929.5	947.5	971.5	982.4	984.2
12.5°	867.6	868.2	879.6	900.0	922.3	946.3	968.5	991.4	1021.4	1037.6	1041.2
15°	888.6	886.8	904.8	934.9	966.1	996.2	1016.0	1038.2	1070.1	1091.1	1096.5
17.5°	917.5	918.7	940.9	979.4	1017.8	1048.4	1068.3	1080.9	1108.5	1130.2	1135.6
20°	953.5	958.9	987.2	1031.6	1076.7	1109.1	1122.9	1121.1	1136.8	1155.4	1159.6
22.5°	1004.6	1008.2	1042.4	1092.3	1144.0	1177.6	1183.0	1163.2	1162.6	1174.6	1180.0
25°	1064.7	1067.7	1103.7	1161.4	1216.1	1251.5	1246.1	1211.9	1193.8	1194.4	1198.1
27.5°	1135.0	1141.0	1178.2	1237.1	1293.6	1326.0	1318.2	1268.3	1232.9	1222.1	1219.7
30°	1226.3	1232.9	1270.8	1327.2	1377.1	1405.9	1393.9	1330.8	1278.0	1259.9	1256.3
32.5°	1345.3	1344.7	1383.7	1438.4	1473.2	1491.9	1468.4	1396.9	1330.2	1306.2	1301.4
35°	1467.8	1473.8	1512.3	1565.2	1591.6	1592.8	1555.5	1475.0	1395.7	1354.3	1345.3
37.5°	1606.0	1609.0	1653.5	1703.4	1720.8	1711.2	1655.9	1566.4	1475.0	1431.2	1415.6
40°	1747.8	1750.8	1802.5	1850.6	1869.8	1846.9	1774.2	1667.3	1568.8	1520.7	1511.7
42.5°	1879.4	1887.2	1944.9	2001.4	2020.0	1993.6	1905.8	1777.9	1667.9	1621.6	1609.6
45°	1988.7	1997.2	2062.0	2134.1	2167.2	2145.6	2046.4	1902.2	1782.1	1732.2	1711.8
47.5°	2071.1	2081.9	2151.0	2237.5	2301.8	2297.6	2196.0	2033.8	1904.6	1845.7	1827.1
50°	2127.5	2139.0	2213.5	2306.6	2403.3	2435.8	2348.0	2179.2	2041.0	1974.9	1962.3
52.5°	2131.7	2142.0	2227.3	2343.2	2472.4	2543.9	2497.6	2332.4	2191.2	2122.7	2113.7
55°	2038.0	2045.2	2158.8	2313.2	2500.6	2626.8	2634.0	2499.4	2351.6	2282.5	2278.3
57.5°	1822.9	1833.1	1968.9	2173.2	2453.8	2680.3	2752.4	2674.3	2533.1	2468.2	2464.6
60°	1472.6	1485.8	1640.9	1912.4	2284.4	2666.5	2852.7	2838.3	2731.4	2668.3	2665.9
62.5°	1038.8	1043.6	1205.3	1504.5	1952.7	2519.9	2901.4	2998.1	2936.9	2873.2	2876.8
65°	610.4	617.1	735.4	1004.6	1481.0	2182.8	2817.3	3109.3	3101.5	3043.2	3049.2
67.5°	322.6	322.6	382.1	549.2	931.3	1634.3	2482.6	3048.0	3150.1	3099.1	3102.1
70°	222.9	222.3	233.1	275.8	450.0	1013.0	1857.2	2727.2	3051.0	3031.8	3039.6
72.5°	188.7	187.5	188.1	194.1	228.9	457.8	1127.8	2100.5	2720.0	2749.4	2756.0
75°	165.2	163.4	162.2	161.0	164.0	207.9	514.3	1296.0	2016.4	2201.4	2197.8
77.5°	142.4	141.2	140.0	135.8	131.0	136.4	210.3	582.8	1037.0	1223.9	1210.7
80°	117.2	117.2	119.0	113.0	103.9	100.3	125.6	217.5	344.3	359.3	330.5
82.5°	91.9	91.9	100.9	92.5	81.7	72.7	87.1	116.0	140.0	113.6	92.5
85°	64.9	65.5	84.1	76.9	63.1	42.1	54.1	69.1	78.7	49.9	39.1
87.5°	26.4	28.2	52.3	41.5	39.7	21.0	25.2	30.6	39.1	21.0	16.8
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)