

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: P672793

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672793
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-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ RW distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

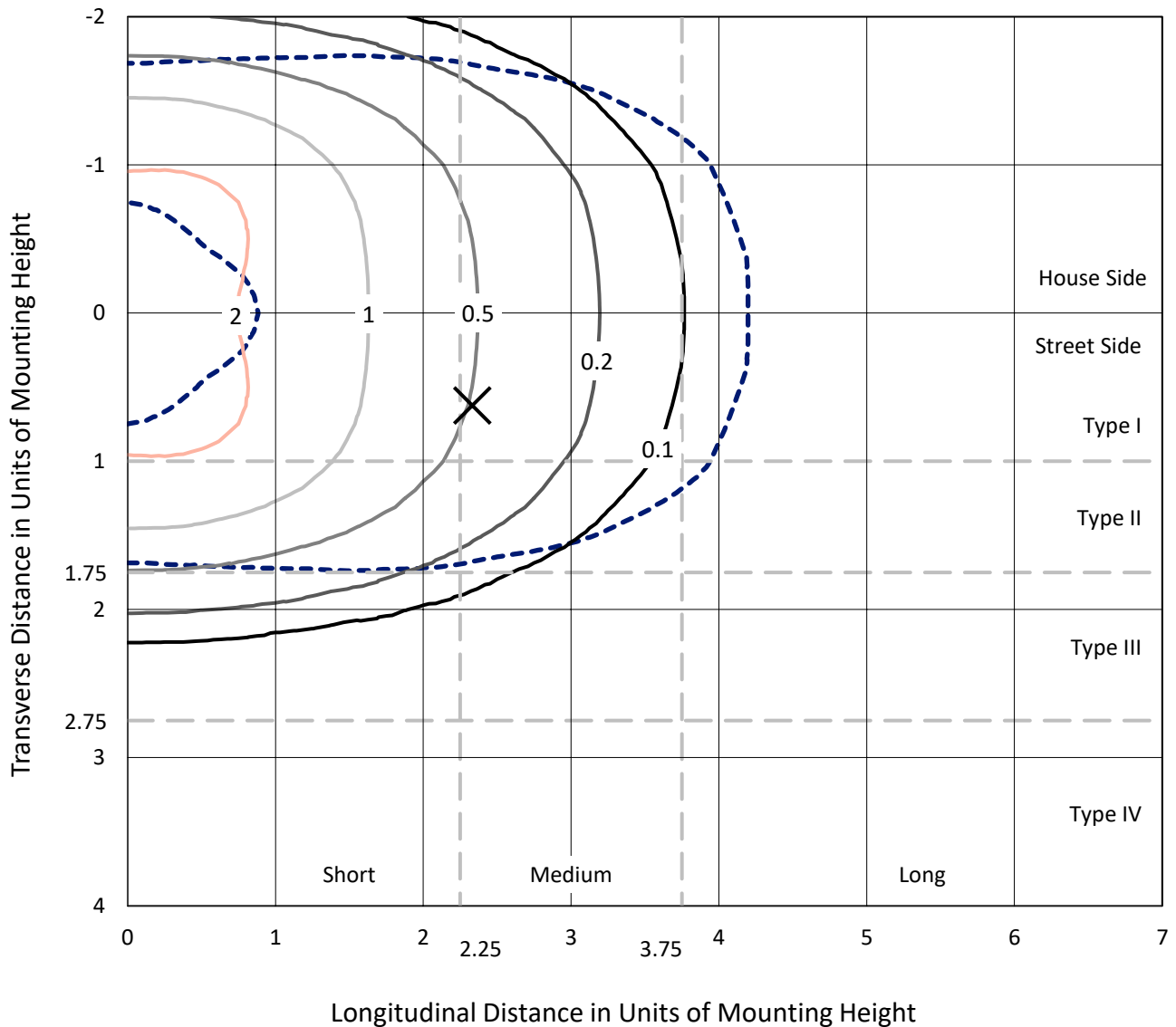
Lumens per Lamp: N/A
Luminaire Lumens: 5174.8 lumens
Efficiency: N/A
Efficacy: 112.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

REPORT NUMBER: P672793
 CATALOG NUMBER: CCP-SA-2B-722-U-RW

Iso-Footcandle Lines of Horizontal Illumination

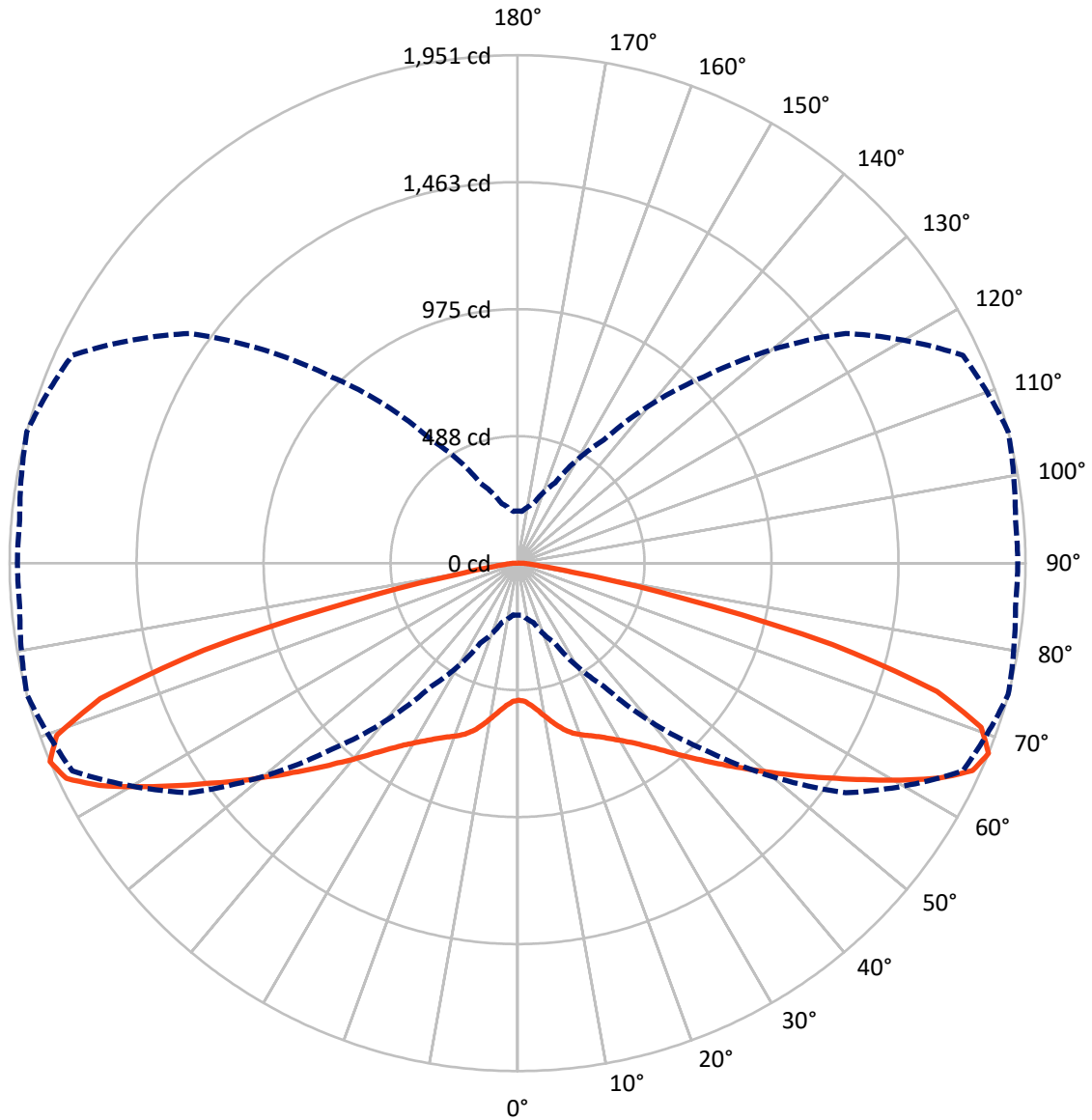
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
 Type II - Medium - N/A

REPORT NUMBER: P672793
CATALOG NUMBER: CCP-SA-2B-722-U-RW

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672793

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

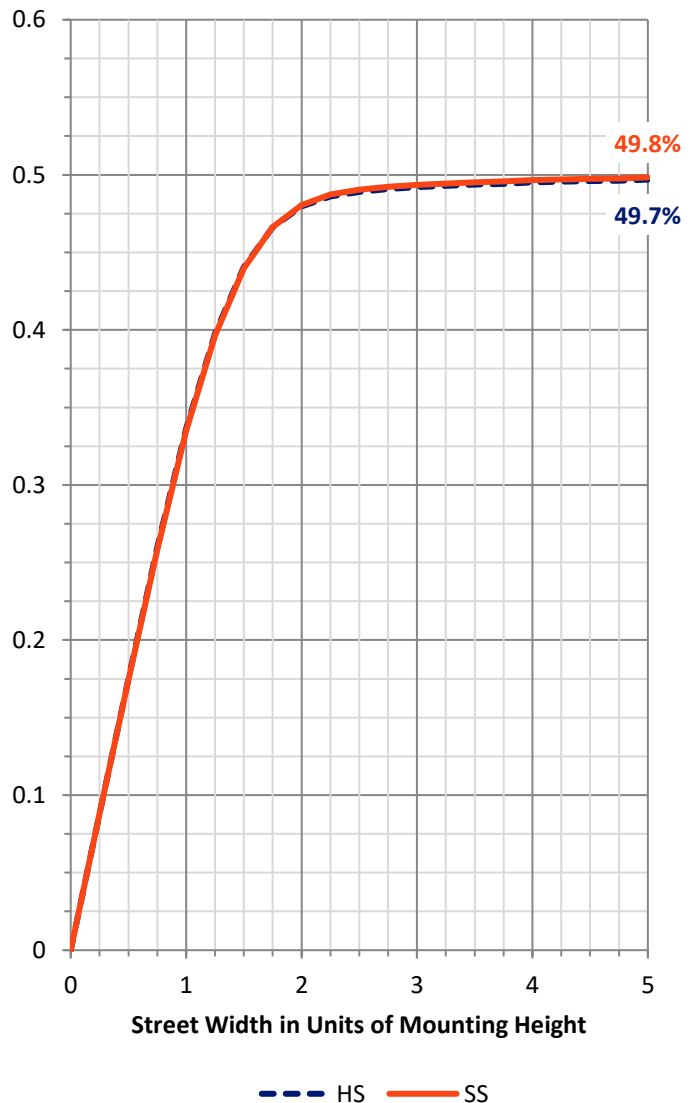
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2587.4	0.0	2587.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2587.4	0.0	2587.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	5174.8	0.0	5174.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.1	1.0
10°-20°	175.5	3.4
20°-30°	342.8	6.6
30°-40°	591.3	11.4
40°-50°	957.8	18.5
50°-60°	1302.7	25.2
60°-70°	1201.8	23.2
70°-80°	502.9	9.7
80°-90°	48.0	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°	5174.8	100.0
0°-180°	5174.8	100.0

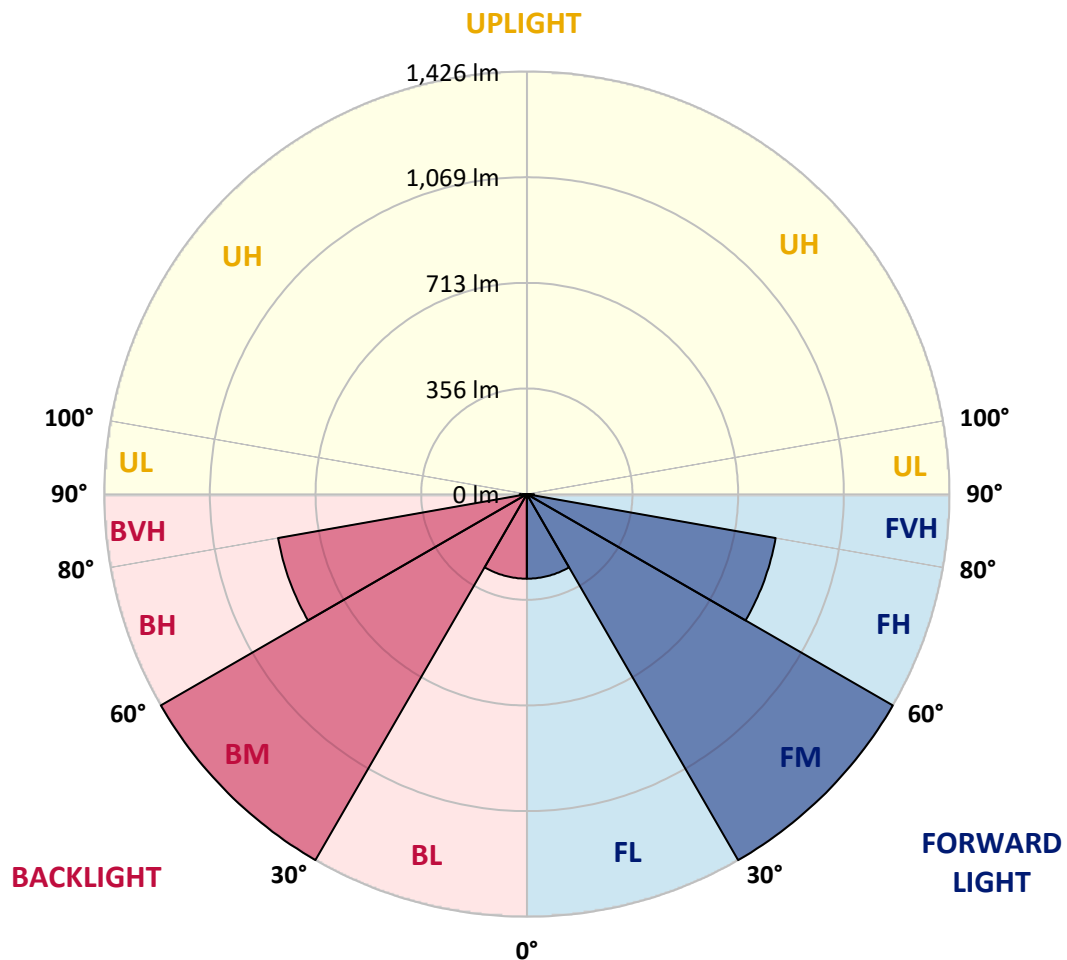


REPORT NUMBER: P672793
 CATALOG NUMBER: CCP-SA-2B-722-U-RW

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	285.2	5.5			
FM (30°-60°)	1425.9	27.6			
FH (60°-80°)	852.3	16.5			G1/1800
FVH (80°-90°)	24.0	0.5			G1/100
BL (0°-30°)	285.2	5.5	B1/500		
BM (30°-60°)	1425.9	27.6	B2/2500		
BH (60°-80°)	852.3	16.5	B2/1000		G2/1000
BVH (80°-90°)	24.0	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
 Type II Medium





REPORT NUMBER: P672793
 CATALOG NUMBER: CCP-SA-2B-722-U-RW

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	526.5	526.5	526.5	526.5	526.5	526.5	526.5	526.5	526.5	526.5	526.5
2.5°	523.1	523.1	524.6	526.5	527.2	528.7	529.1	529.1	531.3	530.9	531.3
5°	521.6	521.6	524.2	527.6	531.3	535.8	540.2	542.8	548.4	549.5	549.9
7.5°	523.1	523.5	527.2	532.8	539.1	547.3	555.8	562.9	572.2	575.6	577.8
10°	528.7	529.1	533.9	541.7	551.4	563.3	575.6	586.7	601.6	608.3	609.4
12.5°	537.2	537.6	544.7	557.3	571.1	586.0	599.8	613.9	632.5	642.5	644.8
15°	550.3	549.2	560.3	578.9	598.3	616.9	629.1	642.9	662.6	675.7	679.0
17.5°	568.1	568.9	582.6	606.4	630.3	649.2	661.5	669.3	686.4	699.8	703.2
20°	590.5	593.8	611.3	638.8	666.7	686.8	695.4	694.3	703.9	715.5	718.1
22.5°	622.1	624.3	645.5	676.4	708.4	729.2	732.6	720.3	719.9	727.4	730.7
25°	659.3	661.1	683.5	719.2	753.0	775.0	771.6	750.4	739.3	739.6	741.9
27.5°	702.8	706.5	729.6	766.1	801.0	821.1	816.3	785.4	763.5	756.8	755.3
30°	759.4	763.5	786.9	821.9	852.7	870.6	863.2	824.1	791.4	780.2	778.0
32.5°	833.0	832.7	856.8	890.7	912.3	923.8	909.3	865.0	823.7	808.8	805.9
35°	908.9	912.7	936.5	969.2	985.6	986.3	963.3	913.4	864.3	838.6	833.0
37.5°	994.5	996.4	1023.9	1054.8	1065.6	1059.6	1025.4	969.9	913.4	886.2	876.6
40°	1082.3	1084.2	1116.2	1145.9	1157.8	1143.7	1098.7	1032.5	971.4	941.7	936.1
42.5°	1163.8	1168.6	1204.3	1239.3	1250.8	1234.5	1180.2	1100.9	1032.8	1004.2	996.7
45°	1231.5	1236.7	1276.9	1321.5	1342.0	1328.6	1267.2	1177.9	1103.5	1072.6	1060.0
47.5°	1282.5	1289.2	1332.0	1385.5	1425.3	1422.7	1359.9	1259.4	1179.4	1143.0	1131.4
50°	1317.4	1324.5	1370.7	1428.3	1488.2	1508.3	1454.0	1349.4	1263.9	1222.9	1215.1
52.5°	1320.1	1326.4	1379.2	1451.0	1531.0	1575.3	1546.6	1444.3	1356.9	1314.5	1308.9
55°	1262.0	1266.5	1336.8	1432.4	1548.5	1626.6	1631.1	1547.7	1456.2	1413.4	1410.8
57.5°	1128.8	1135.1	1219.2	1345.7	1519.5	1659.7	1704.4	1656.0	1568.6	1528.4	1526.2
60°	911.9	920.1	1016.1	1184.3	1414.6	1651.2	1766.5	1757.6	1691.4	1652.3	1650.8
62.5°	643.3	646.3	746.3	931.6	1209.2	1560.4	1796.7	1856.6	1818.6	1779.2	1781.4
65°	378.0	382.1	455.4	622.1	917.1	1351.7	1744.6	1925.4	1920.5	1884.5	1888.2
67.5°	199.8	199.8	236.6	340.1	576.7	1012.0	1537.3	1887.4	1950.7	1919.1	1920.9
70°	138.0	137.7	144.4	170.8	278.7	627.3	1150.0	1688.8	1889.3	1877.4	1882.2
72.5°	116.8	116.1	116.5	120.2	141.8	283.5	698.3	1300.7	1684.3	1702.5	1706.6
75°	102.3	101.2	100.5	99.7	101.6	128.7	318.5	802.5	1248.6	1363.2	1361.0
77.5°	88.2	87.4	86.7	84.1	81.1	84.5	130.2	360.9	642.2	757.9	749.7
80°	72.6	72.6	73.7	69.9	64.4	62.1	77.8	134.7	213.2	222.5	204.6
82.5°	56.9	56.9	62.5	57.3	50.6	45.0	53.9	71.8	86.7	70.3	57.3
85°	40.2	40.6	52.1	47.6	39.1	26.0	33.5	42.8	48.7	30.9	24.2
87.5°	16.4	17.5	32.4	25.7	24.6	13.0	15.6	19.0	24.2	13.0	10.4
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)