

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: P672837

Luminaire Tested: **CCP-SA-2B-740-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672837
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-740-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ RW distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

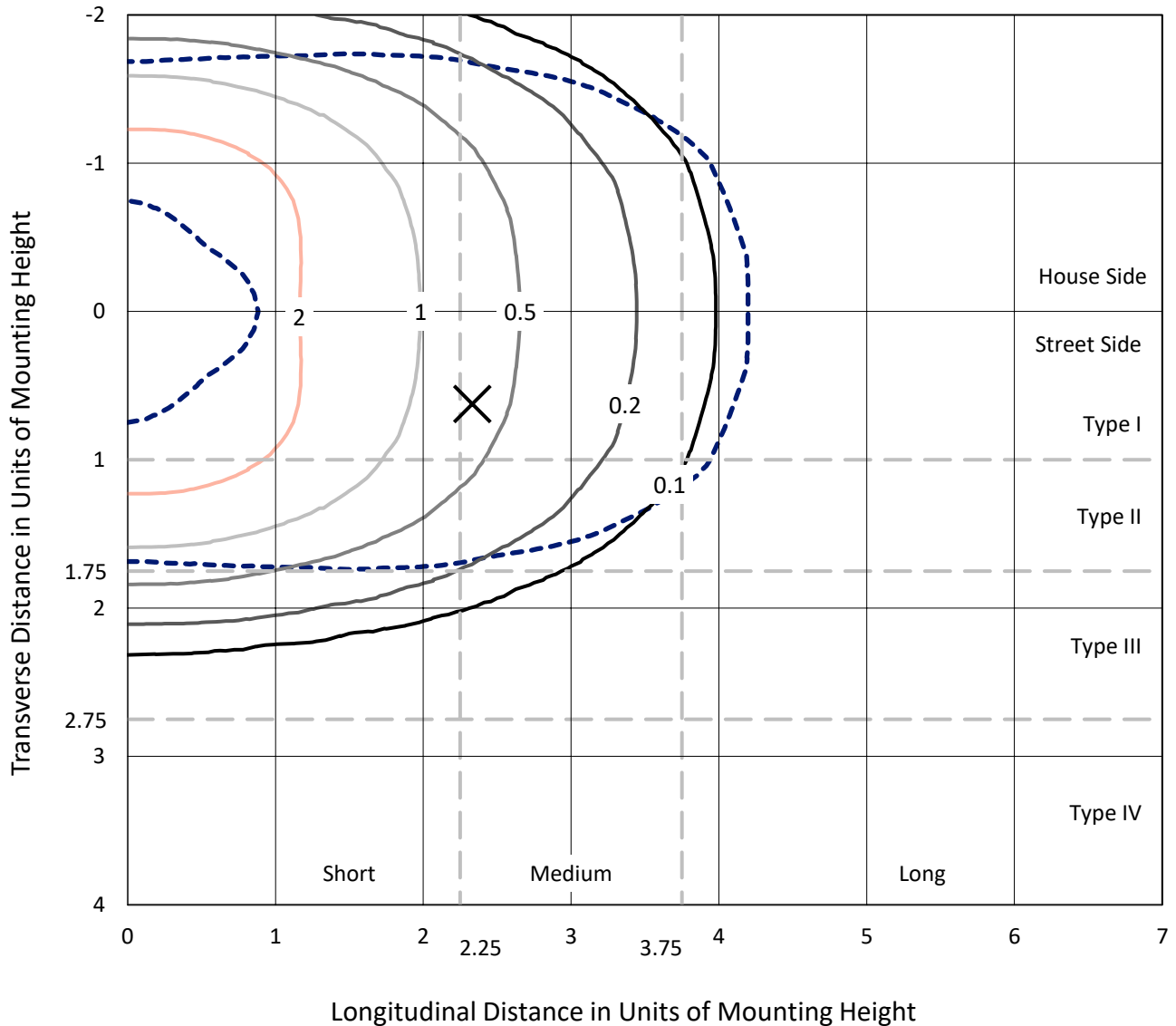
Lumens per Lamp: N/A
Luminaire Lumens: 7025.3 lumens
Efficiency: N/A
Efficacy: 152.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

Input Watts (W): 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

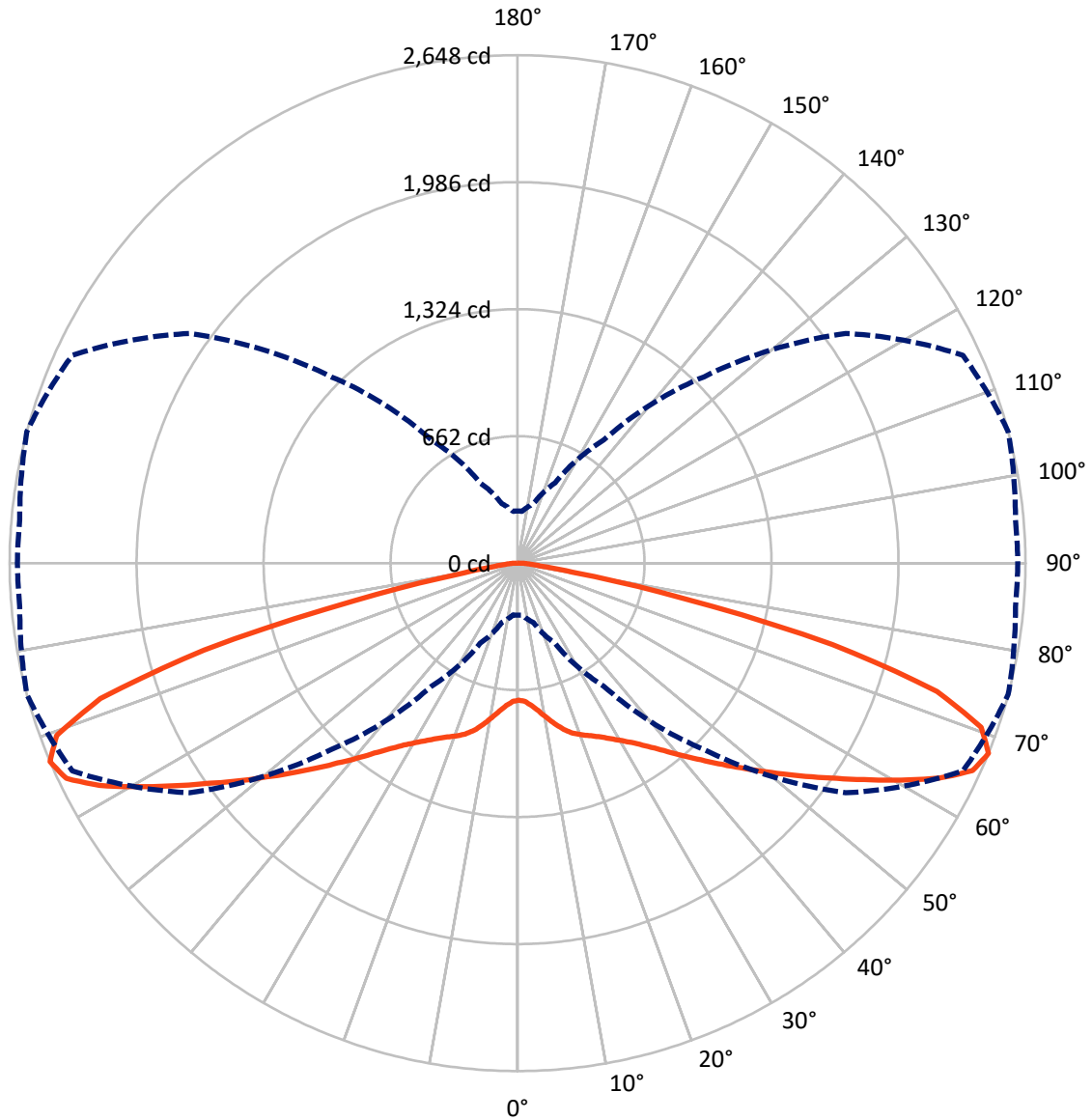
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.7 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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

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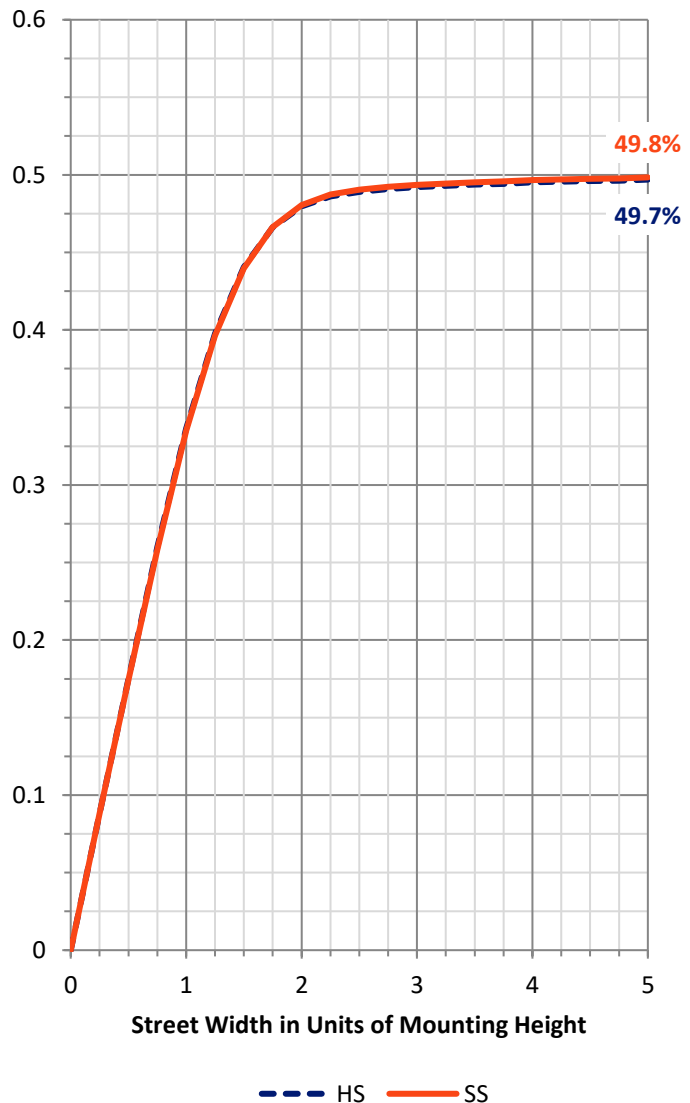
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3512.6	0.0	3512.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3512.6	0.0	3512.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	7025.3	0.0	7025.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.7	1.0
10°-20°	238.3	3.4
20°-30°	465.3	6.6
30°-40°	802.8	11.4
40°-50°	1300.3	18.5
50°-60°	1768.5	25.2
60°-70°	1631.5	23.2
70°-80°	682.7	9.7
80°-90°	65.2	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°	7025.3	100.0
0°-180°	7025.3	100.0



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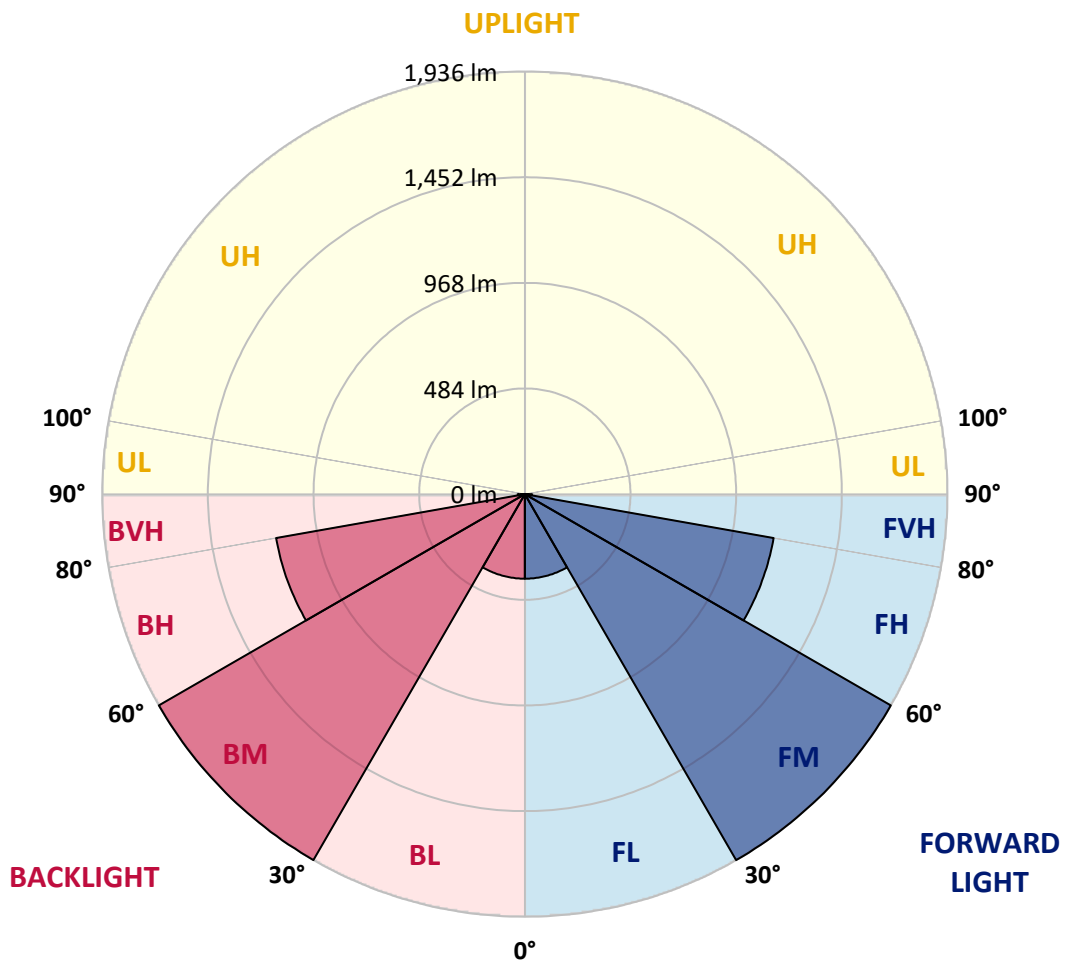
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	387.2	5.5			
FM (30°-60°)	1935.8	27.6			
FH (60°-80°)	1157.1	16.5			G1/1800
FVH (80°-90°)	32.6	0.5			G1/100
BL (0°-30°)	387.2	5.5	B1/500		
BM (30°-60°)	1935.8	27.6	B2/2500		
BH (60°-80°)	1157.1	16.5	B3/2500		G3/2500
BVH (80°-90°)	32.6	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	714.7	714.7	714.7	714.7	714.7	714.7	714.7	714.7	714.7	714.7	714.7
2.5°	710.2	710.2	712.2	714.7	715.7	717.7	718.2	718.2	721.3	720.8	721.3
5°	708.1	708.1	711.7	716.2	721.3	727.3	733.4	736.9	744.5	746.0	746.5
7.5°	710.2	710.7	715.7	723.3	731.9	743.0	754.6	764.2	776.8	781.4	784.4
10°	717.7	718.2	724.8	735.4	748.6	764.7	781.4	796.5	816.7	825.8	827.3
12.5°	729.4	729.9	739.5	756.6	775.3	795.5	814.2	833.4	858.7	872.3	875.3
15°	747.0	745.5	760.7	785.9	812.2	837.5	854.1	872.8	899.6	917.3	921.8
17.5°	771.3	772.3	791.0	823.3	855.6	881.4	898.1	908.7	931.9	950.1	954.6
20°	801.6	806.1	829.9	867.3	905.1	932.4	944.0	942.5	955.6	971.3	974.8
22.5°	844.5	847.6	876.3	918.3	961.7	990.0	994.5	977.9	977.4	987.5	992.0
25°	895.0	897.6	927.9	976.4	1022.3	1052.1	1047.6	1018.8	1003.6	1004.1	1007.2
27.5°	954.1	959.2	990.5	1040.0	1087.5	1114.8	1108.2	1066.3	1036.5	1027.4	1025.3
30°	1030.9	1036.5	1068.3	1115.8	1157.7	1181.9	1171.8	1118.8	1074.3	1059.2	1056.2
32.5°	1130.9	1130.4	1163.2	1209.2	1238.5	1254.2	1234.5	1174.4	1118.3	1098.1	1094.0
35°	1234.0	1239.0	1271.3	1315.8	1338.0	1339.0	1307.7	1240.0	1173.3	1138.5	1130.9
37.5°	1350.1	1352.7	1390.0	1432.0	1446.6	1438.5	1392.0	1316.8	1240.0	1203.1	1190.0
40°	1469.3	1471.9	1515.3	1555.7	1571.9	1552.7	1491.6	1401.6	1318.8	1278.4	1270.8
42.5°	1579.9	1586.5	1635.0	1682.5	1698.1	1675.9	1602.2	1494.6	1402.2	1363.3	1353.2
45°	1671.9	1678.9	1733.5	1794.1	1821.9	1803.7	1720.4	1599.1	1498.1	1456.2	1439.0
47.5°	1741.1	1750.2	1808.2	1881.0	1935.0	1931.5	1846.1	1709.8	1601.2	1551.7	1536.0
50°	1788.6	1798.1	1860.8	1939.1	2020.4	2047.7	1973.9	1832.0	1715.8	1660.3	1649.6
52.5°	1792.1	1800.7	1872.4	1969.9	2078.5	2138.6	2099.7	1960.8	1842.1	1784.5	1776.9
55°	1713.3	1719.4	1814.8	1944.6	2102.2	2208.3	2214.3	2101.2	1977.0	1918.9	1915.3
57.5°	1532.5	1541.1	1655.2	1826.9	2062.8	2253.2	2313.9	2248.2	2129.5	2074.9	2071.9
60°	1238.0	1249.1	1379.4	1607.7	1920.4	2241.6	2398.2	2386.1	2296.2	2243.1	2241.1
62.5°	873.3	877.4	1013.2	1264.8	1641.6	2118.4	2439.1	2520.4	2468.9	2415.4	2418.4
65°	513.2	518.7	618.2	844.5	1245.1	1835.0	2368.4	2613.9	2607.3	2558.3	2563.4
67.5°	271.2	271.2	321.2	461.7	782.9	1373.9	2087.1	2562.4	2648.2	2605.3	2607.8
70°	187.4	186.9	196.0	231.8	378.3	851.6	1561.3	2292.6	2564.9	2548.7	2555.3
72.5°	158.6	157.6	158.1	163.1	192.4	384.9	948.1	1765.8	2286.6	2311.3	2316.9
75°	138.9	137.4	136.4	135.4	137.9	174.8	432.4	1089.5	1695.1	1850.7	1847.6
77.5°	119.7	118.7	117.7	114.2	110.1	114.7	176.8	489.9	871.8	1028.9	1017.8
80°	98.5	98.5	100.0	95.0	87.4	84.4	105.6	182.8	289.4	302.0	277.8
82.5°	77.3	77.3	84.9	77.8	68.7	61.1	73.2	97.5	117.7	95.5	77.8
85°	54.6	55.1	70.7	64.7	53.0	35.4	45.5	58.1	66.2	41.9	32.8
87.5°	22.2	23.7	43.9	34.9	33.3	17.7	21.2	25.8	32.8	17.7	14.1
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)