

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: P672871

Luminaire Tested: **CCP-SA-2C-827-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672871
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-827-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (32) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

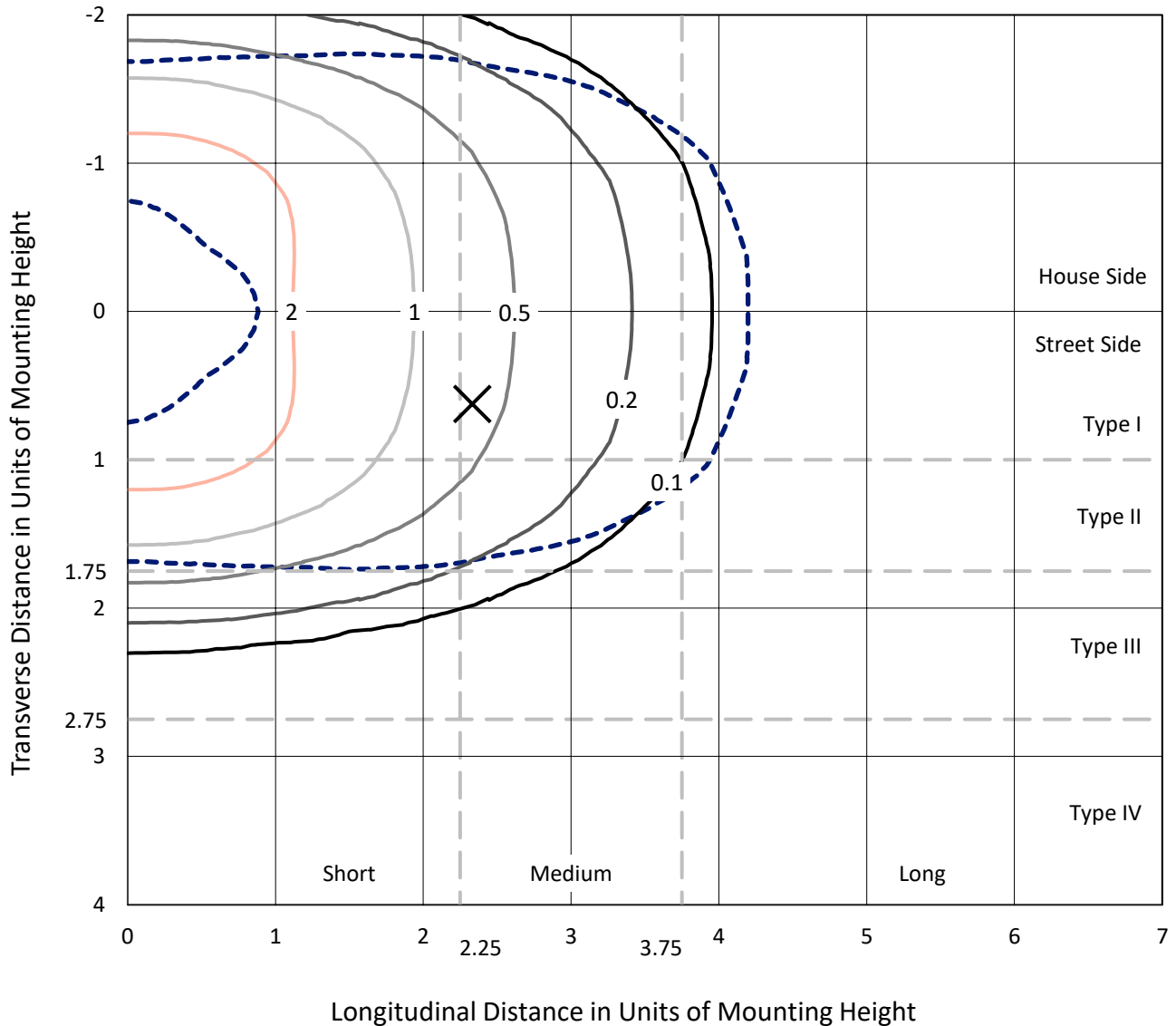
Lumens per Lamp: N/A
Luminaire Lumens: 6761 lumens
Efficiency: N/A
Efficacy: 108.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

Input Watts (W): 62.1
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

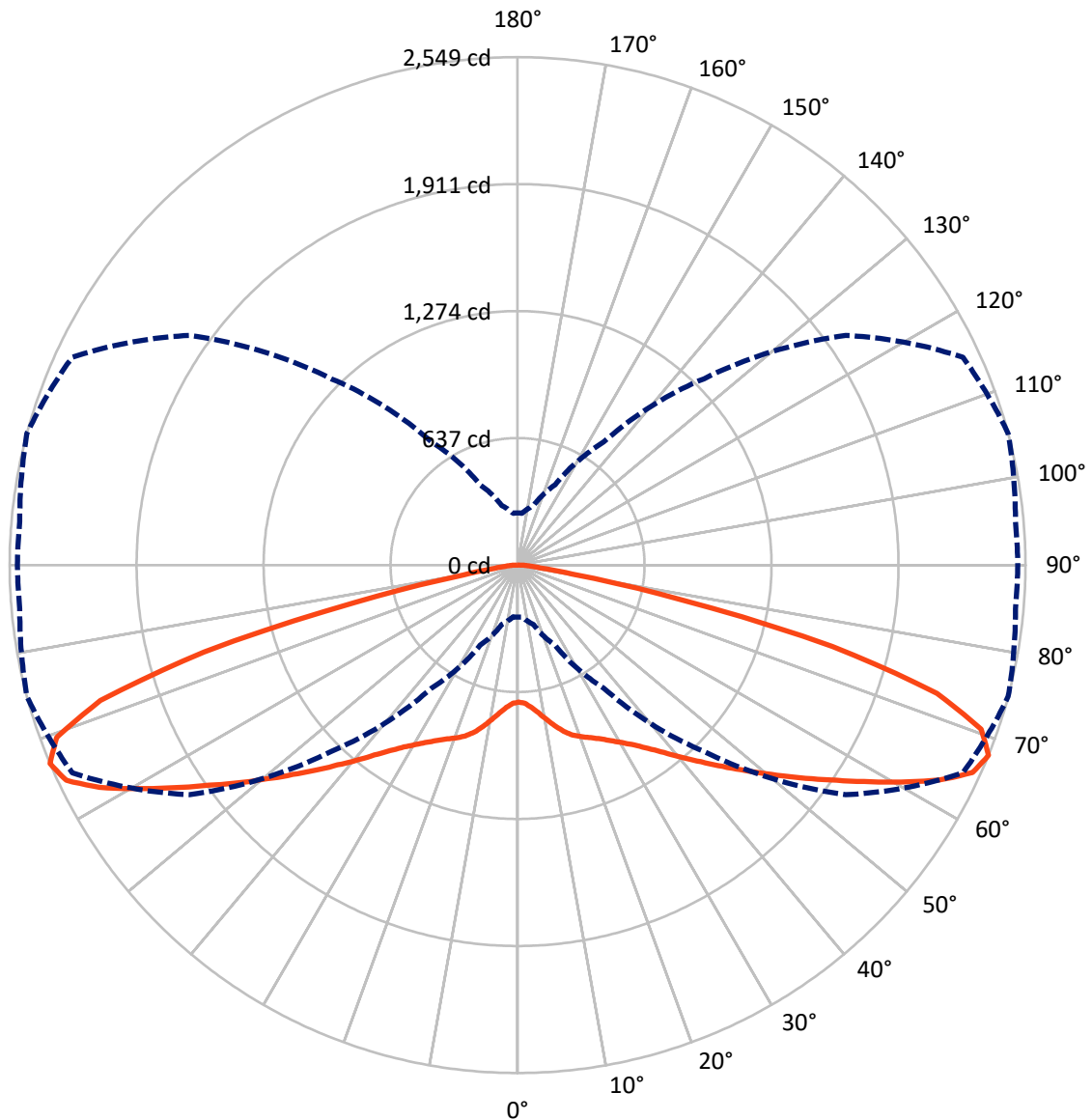
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.5 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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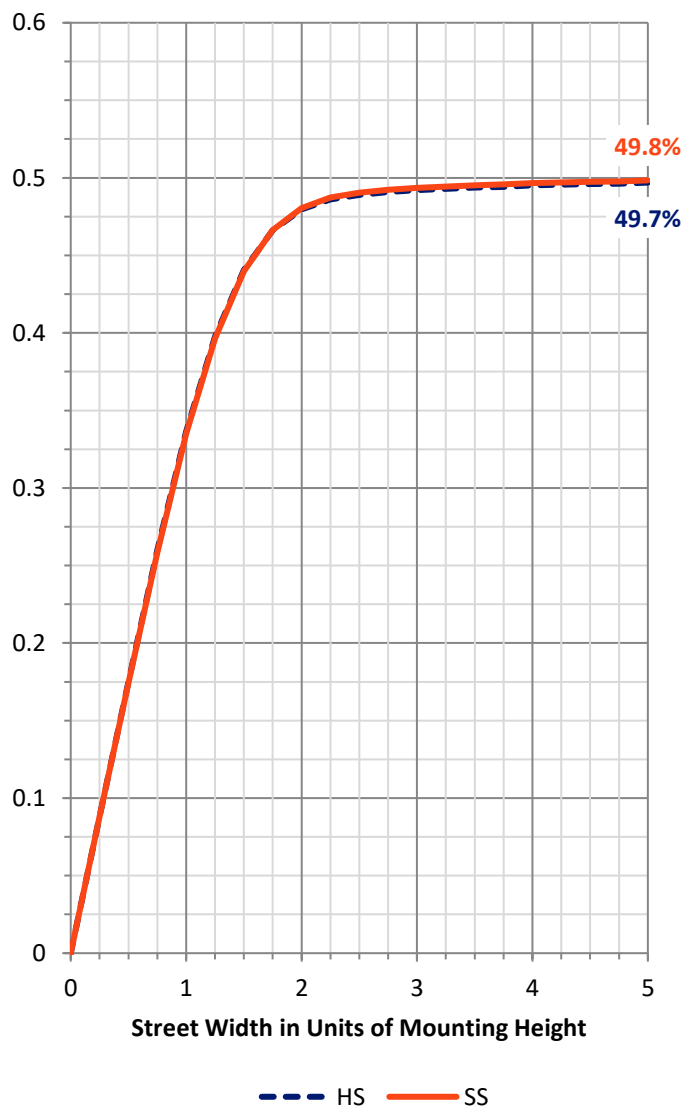
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3380.5	0.0	3380.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3380.5	0.0	3380.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6761.0	0.0	6761.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.1	1.0
10°-20°	229.3	3.4
20°-30°	447.8	6.6
30°-40°	772.6	11.4
40°-50°	1251.4	18.5
50°-60°	1702.0	25.2
60°-70°	1570.1	23.2
70°-80°	657.0	9.7
80°-90°	62.7	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°	6761.0	100.0
0°-180°	6761.0	100.0



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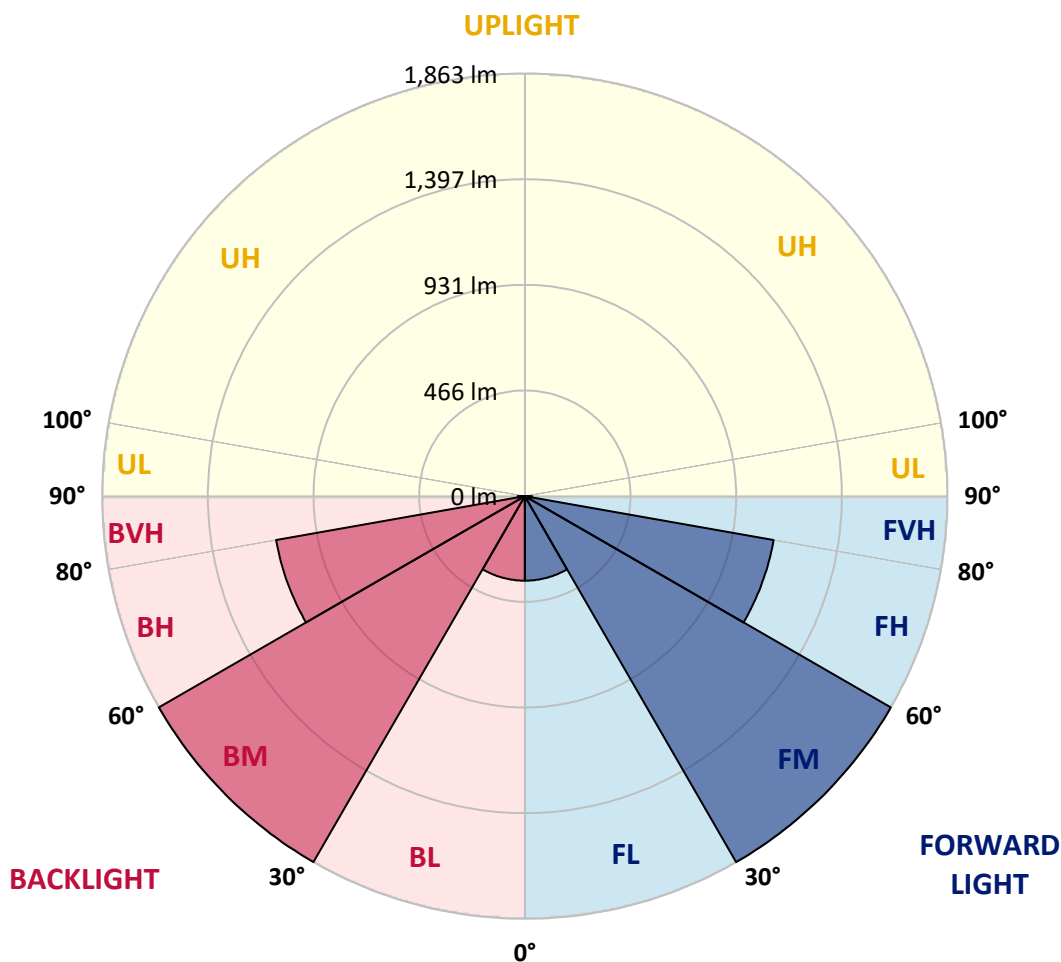
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	372.6	5.5			
FM (30°-60°)	1863.0	27.6			
FH (60°-80°)	1113.6	16.5			G1/1800
FVH (80°-90°)	31.4	0.5			G1/100
BL (0°-30°)	372.6	5.5	B1/500		
BM (30°-60°)	1863.0	27.6	B2/2500		
BH (60°-80°)	1113.6	16.5	B3/2500		G3/2500
BVH (80°-90°)	31.4	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°	687.8	687.8	687.8	687.8	687.8	687.8	687.8	687.8	687.8	687.8	687.8
2.5°	683.5	683.5	685.4	687.8	688.8	690.7	691.2	691.2	694.1	693.7	694.1
5°	681.5	681.5	684.9	689.3	694.1	700.0	705.8	709.2	716.5	718.0	718.5
7.5°	683.5	683.9	688.8	696.1	704.4	715.1	726.2	735.5	747.6	752.0	754.9
10°	690.7	691.2	697.6	707.8	720.4	736.0	752.0	766.6	786.0	794.8	796.2
12.5°	701.9	702.4	711.6	728.2	746.2	765.6	783.6	802.1	826.4	839.5	842.4
15°	718.9	717.5	732.1	756.4	781.6	806.0	822.0	840.0	865.7	882.8	887.1
17.5°	742.3	743.2	761.2	792.3	823.5	848.2	864.3	874.5	896.9	914.4	918.7
20°	771.4	775.8	798.7	834.6	871.1	897.3	908.5	907.1	919.7	934.8	938.2
22.5°	812.8	815.7	843.4	883.7	925.5	952.8	957.1	941.1	940.6	950.3	954.7
25°	861.4	863.8	893.0	939.6	983.9	1012.5	1008.2	980.5	965.9	966.4	969.3
27.5°	918.2	923.1	953.2	1000.9	1046.6	1072.8	1066.5	1026.2	997.5	988.7	986.8
30°	992.1	997.5	1028.1	1073.8	1114.1	1137.5	1127.7	1076.7	1033.9	1019.3	1016.4
32.5°	1088.4	1087.9	1119.5	1163.7	1191.9	1207.0	1188.0	1130.2	1076.2	1056.8	1052.9
35°	1187.5	1192.4	1223.5	1266.3	1287.7	1288.6	1258.5	1193.4	1129.2	1095.7	1088.4
37.5°	1299.3	1301.8	1337.7	1378.1	1392.2	1384.4	1339.7	1267.3	1193.4	1157.9	1145.2
40°	1414.1	1416.5	1458.3	1497.2	1512.7	1494.3	1435.4	1348.9	1269.2	1230.3	1223.0
42.5°	1520.5	1526.8	1573.5	1619.2	1634.3	1612.9	1541.9	1438.4	1349.4	1312.0	1302.3
45°	1609.0	1615.8	1668.3	1726.6	1753.4	1735.9	1655.7	1539.0	1441.8	1401.4	1384.9
47.5°	1675.6	1684.3	1740.2	1810.2	1862.2	1858.8	1776.7	1645.4	1540.9	1493.3	1478.2
50°	1721.3	1730.5	1790.8	1866.1	1944.4	1970.6	1899.7	1763.1	1651.3	1597.8	1587.6
52.5°	1724.7	1732.9	1802.0	1895.8	2000.3	2058.1	2020.7	1887.0	1772.8	1717.4	1710.1
55°	1648.8	1654.7	1746.6	1871.5	2023.1	2125.2	2131.1	2022.2	1902.6	1846.7	1843.3
57.5°	1474.8	1483.1	1592.9	1758.2	1985.2	2168.5	2226.8	2163.6	2049.4	1996.9	1994.0
60°	1191.4	1202.1	1327.5	1547.3	1848.1	2157.3	2308.0	2296.3	2209.8	2158.8	2156.8
62.5°	840.5	844.4	975.1	1217.2	1579.8	2038.7	2347.4	2425.6	2376.0	2324.5	2327.4
65°	493.9	499.2	595.0	812.8	1198.2	1766.0	2279.3	2515.6	2509.2	2462.1	2466.9
67.5°	261.0	261.0	309.2	444.3	753.5	1322.2	2008.6	2466.0	2548.6	2507.3	2509.7
70°	180.3	179.9	188.6	223.1	364.1	819.6	1502.5	2206.4	2468.4	2452.9	2459.2
72.5°	152.6	151.7	152.1	157.0	185.2	370.4	912.4	1699.4	2200.6	2224.4	2229.7
75°	133.7	132.2	131.2	130.3	132.7	168.2	416.1	1048.5	1631.3	1781.1	1778.1
77.5°	115.2	114.2	113.3	109.9	106.0	110.3	170.1	471.5	839.0	990.2	979.5
80°	94.8	94.8	96.2	91.4	84.1	81.2	101.6	176.0	278.5	290.7	267.4
82.5°	74.4	74.4	81.7	74.9	66.1	58.8	70.5	93.8	113.3	91.9	74.9
85°	52.5	53.0	68.1	62.2	51.0	34.0	43.7	55.9	63.7	40.3	31.6
87.5°	21.4	22.8	42.3	33.5	32.1	17.0	20.4	24.8	31.6	17.0	13.6
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)