

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: P672834

Luminaire Tested: **CCP-SA-1E-740-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672834
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-740-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

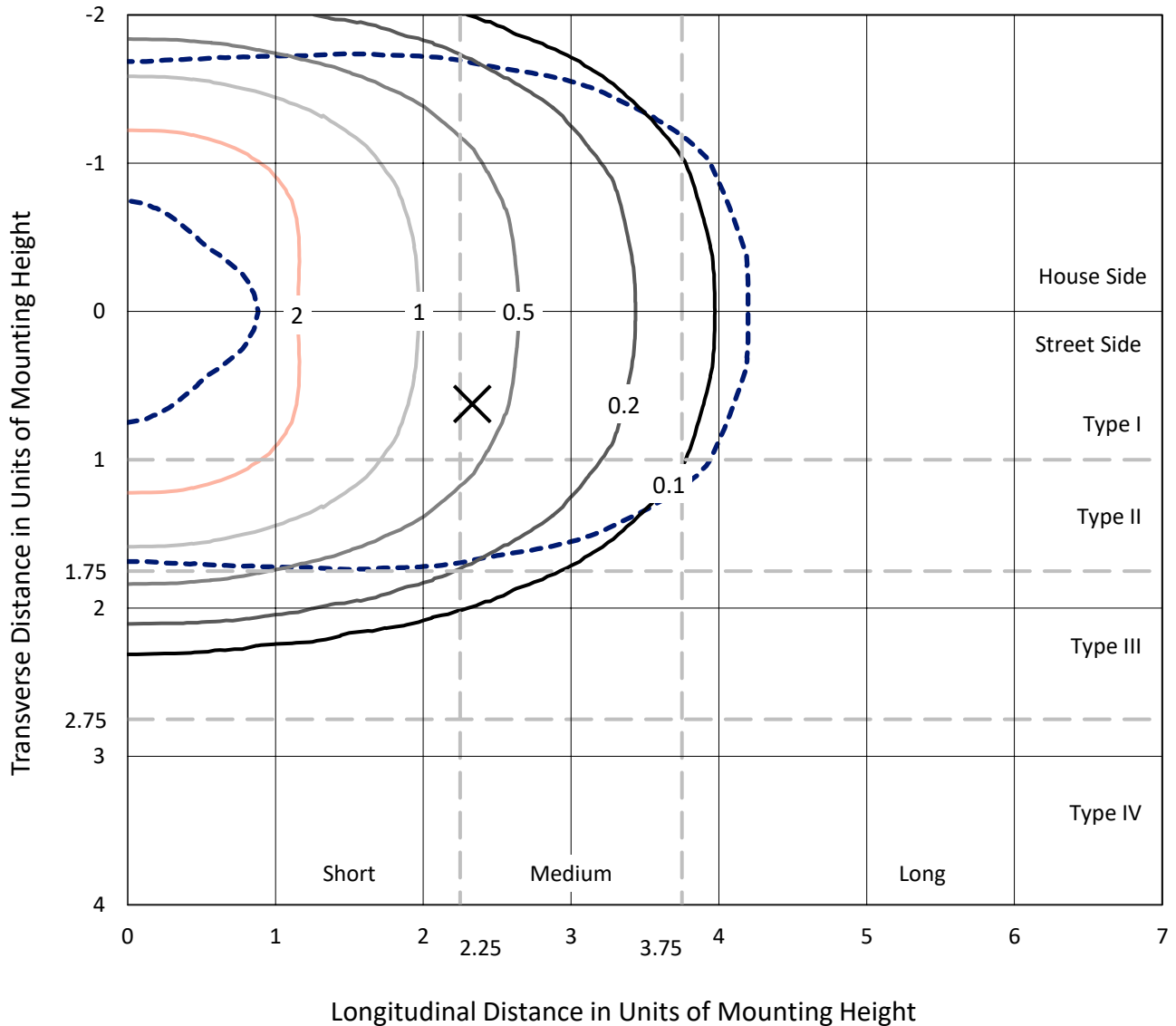
Lumens per Lamp: N/A
Luminaire Lumens: 6954.9 lumens
Efficiency: N/A
Efficacy: 124.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

Input Watts (W): 56.1
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

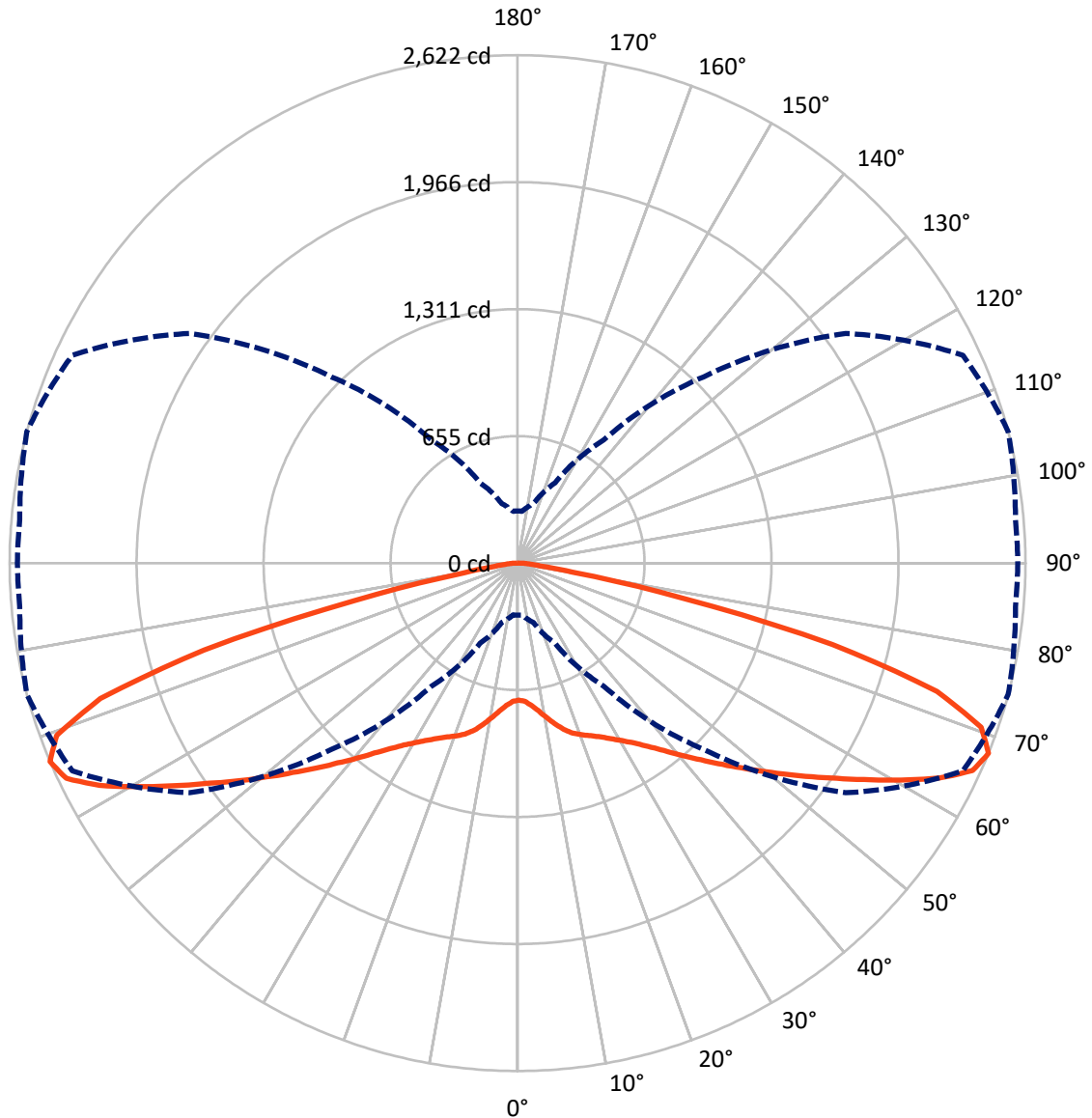
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.6 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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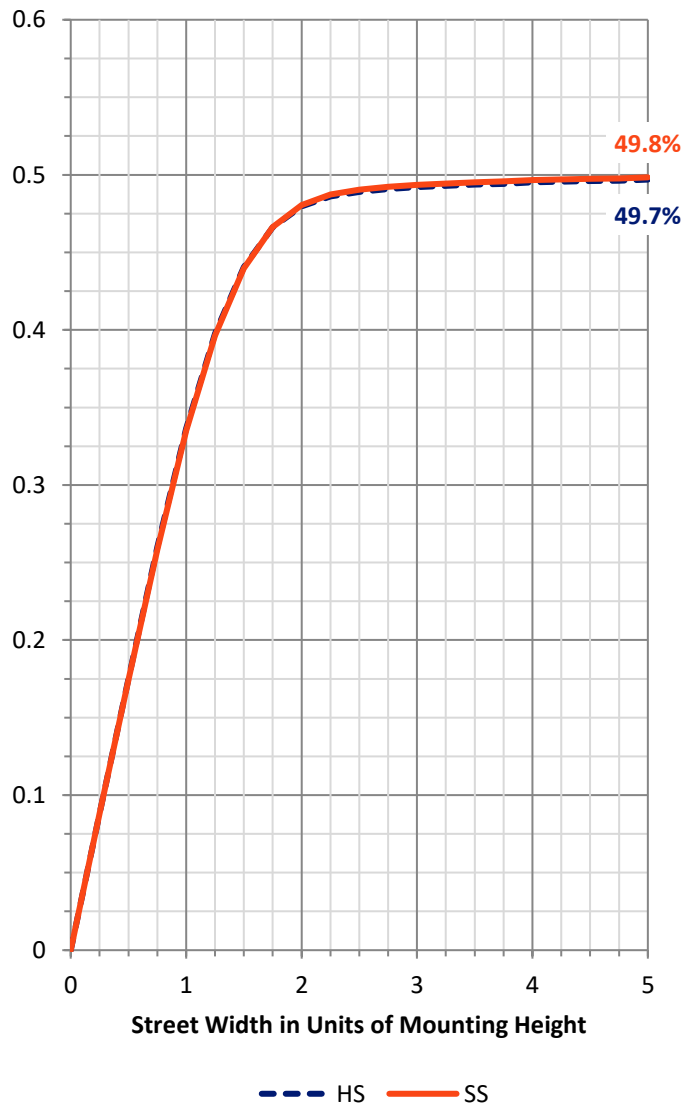
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3477.4	0.0	3477.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3477.4	0.0	3477.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	6954.9	0.0	6954.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.0	1.0
10°-20°	235.9	3.4
20°-30°	460.7	6.6
30°-40°	794.7	11.4
40°-50°	1287.3	18.5
50°-60°	1750.8	25.2
60°-70°	1615.1	23.2
70°-80°	675.8	9.7
80°-90°	64.5	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°	6954.9	100.0
0°-180°	6954.9	100.0



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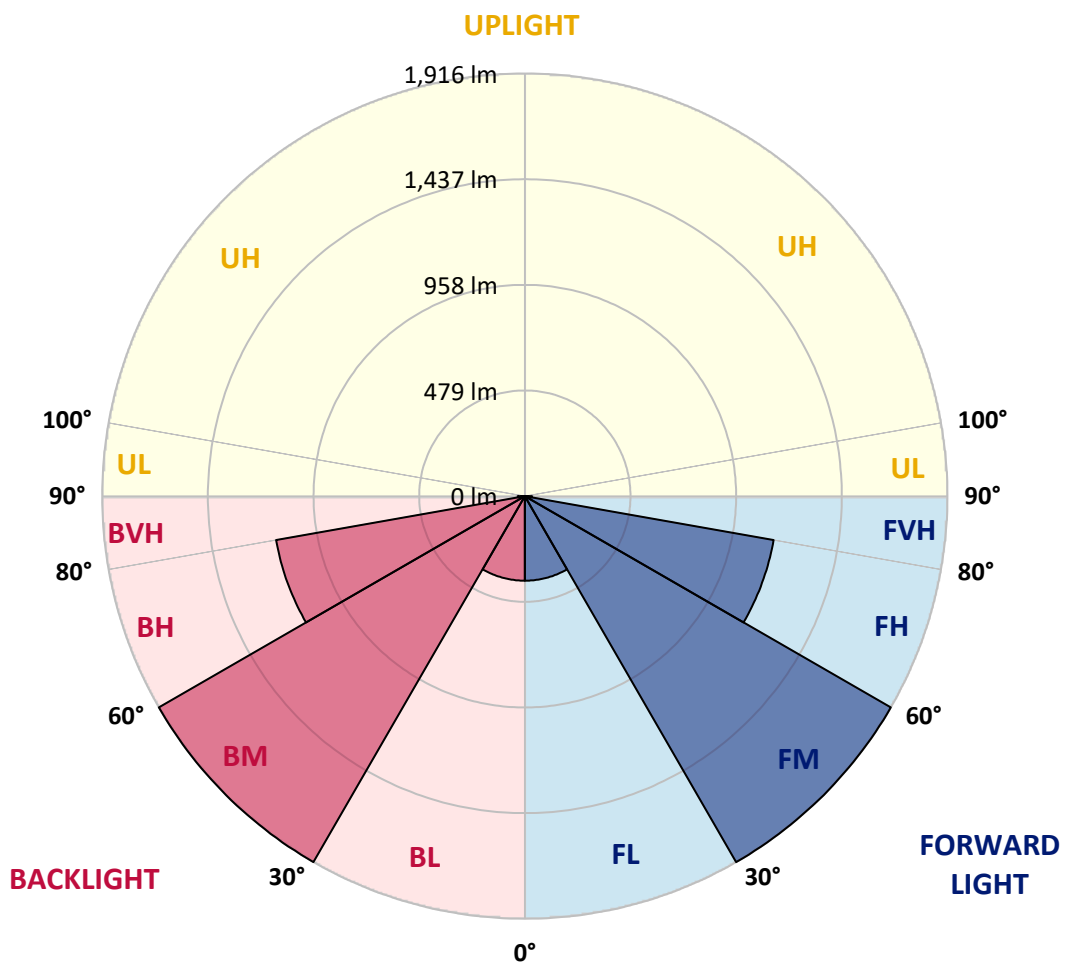
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	383.3	5.5			
FM (30°-60°)	1916.4	27.6			
FH (60°-80°)	1145.5	16.5			G1/1800
FVH (80°-90°)	32.3	0.5			G1/100
BL (0°-30°)	383.3	5.5	B1/500		
BM (30°-60°)	1916.4	27.6	B2/2500		
BH (60°-80°)	1145.5	16.5	B3/2500		G3/2500
BVH (80°-90°)	32.3	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°	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6
2.5°	703.1	703.1	705.1	707.6	708.6	710.6	711.1	711.1	714.1	713.6	714.1
5°	701.1	701.1	704.6	709.1	714.1	720.1	726.1	729.6	737.1	738.6	739.1
7.5°	703.1	703.6	708.6	716.1	724.6	735.6	747.1	756.6	769.1	773.6	776.6
10°	710.6	711.1	717.6	728.1	741.1	757.1	773.6	788.6	808.6	817.6	819.1
12.5°	722.1	722.6	732.1	749.1	767.6	787.6	806.1	825.1	850.1	863.6	866.6
15°	739.6	738.1	753.1	778.1	804.1	829.1	845.6	864.1	890.6	908.1	912.6
17.5°	763.6	764.6	783.1	815.1	847.1	872.6	889.1	899.6	922.6	940.6	945.1
20°	793.6	798.1	821.6	858.6	896.1	923.1	934.6	933.1	946.1	961.6	965.1
22.5°	836.1	839.1	867.6	909.1	952.1	980.1	984.6	968.1	967.6	977.6	982.1
25°	886.1	888.6	918.6	966.6	1012.1	1041.6	1037.1	1008.6	993.6	994.1	997.1
27.5°	944.6	949.6	980.6	1029.6	1076.6	1103.6	1097.1	1055.6	1026.1	1017.1	1015.1
30°	1020.6	1026.1	1057.6	1104.6	1146.1	1170.1	1160.1	1107.6	1063.6	1048.6	1045.6
32.5°	1119.6	1119.1	1151.6	1197.1	1226.1	1241.6	1222.1	1162.6	1107.1	1087.1	1083.1
35°	1221.6	1226.6	1258.6	1302.6	1324.6	1325.6	1294.6	1227.6	1161.6	1127.1	1119.6
37.5°	1336.6	1339.1	1376.1	1417.6	1432.1	1424.1	1378.1	1303.6	1227.6	1191.1	1178.1
40°	1454.6	1457.1	1500.1	1540.1	1556.1	1537.1	1476.6	1387.6	1305.6	1265.6	1258.1
42.5°	1564.1	1570.6	1618.6	1665.6	1681.1	1659.1	1586.1	1479.6	1388.1	1349.6	1339.6
45°	1655.1	1662.1	1716.1	1776.1	1803.6	1785.6	1703.1	1583.1	1483.1	1441.6	1424.6
47.5°	1723.6	1732.6	1790.1	1862.1	1915.6	1912.1	1827.6	1692.6	1585.1	1536.1	1520.6
50°	1770.6	1780.1	1842.1	1919.6	2000.2	2027.2	1954.2	1813.6	1698.6	1643.6	1633.1
52.5°	1774.1	1782.6	1853.6	1950.2	2057.7	2117.2	2078.7	1941.1	1823.6	1766.6	1759.1
55°	1696.1	1702.1	1796.6	1925.1	2081.2	2186.2	2192.2	2080.2	1957.2	1899.6	1896.1
57.5°	1517.1	1525.6	1638.6	1808.6	2042.2	2230.7	2290.7	2225.7	2108.2	2054.2	2051.2
60°	1225.6	1236.6	1365.6	1591.6	1901.1	2219.2	2374.2	2362.2	2273.2	2220.7	2218.7
62.5°	864.6	868.6	1003.1	1252.1	1625.1	2097.2	2414.7	2495.2	2444.2	2391.2	2394.2
65°	508.0	513.5	612.0	836.1	1232.6	1816.6	2344.7	2587.7	2581.2	2532.7	2537.7
67.5°	268.5	268.5	318.0	457.0	775.1	1360.1	2066.2	2536.7	2621.7	2579.2	2581.7
70°	185.5	185.0	194.0	229.5	374.5	843.1	1545.6	2269.7	2539.2	2523.2	2529.7
72.5°	157.0	156.0	156.5	161.5	190.5	381.0	938.6	1748.1	2263.7	2288.2	2293.7
75°	137.5	136.0	135.0	134.0	136.5	173.0	428.0	1078.6	1678.1	1832.1	1829.1
77.5°	118.5	117.5	116.5	113.0	109.0	113.5	175.0	485.0	863.1	1018.6	1007.6
80°	97.5	97.5	99.0	94.0	86.5	83.5	104.5	181.0	286.5	299.0	275.0
82.5°	76.5	76.5	84.0	77.0	68.0	60.5	72.5	96.5	116.5	94.5	77.0
85°	54.0	54.5	70.0	64.0	52.5	35.0	45.0	57.5	65.5	41.5	32.5
87.5°	22.0	23.5	43.5	34.5	33.0	17.5	21.0	25.5	32.5	17.5	14.0
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)