

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: P672561

Luminaire Tested: **CCP-SA-2C-750-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672561
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-750-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

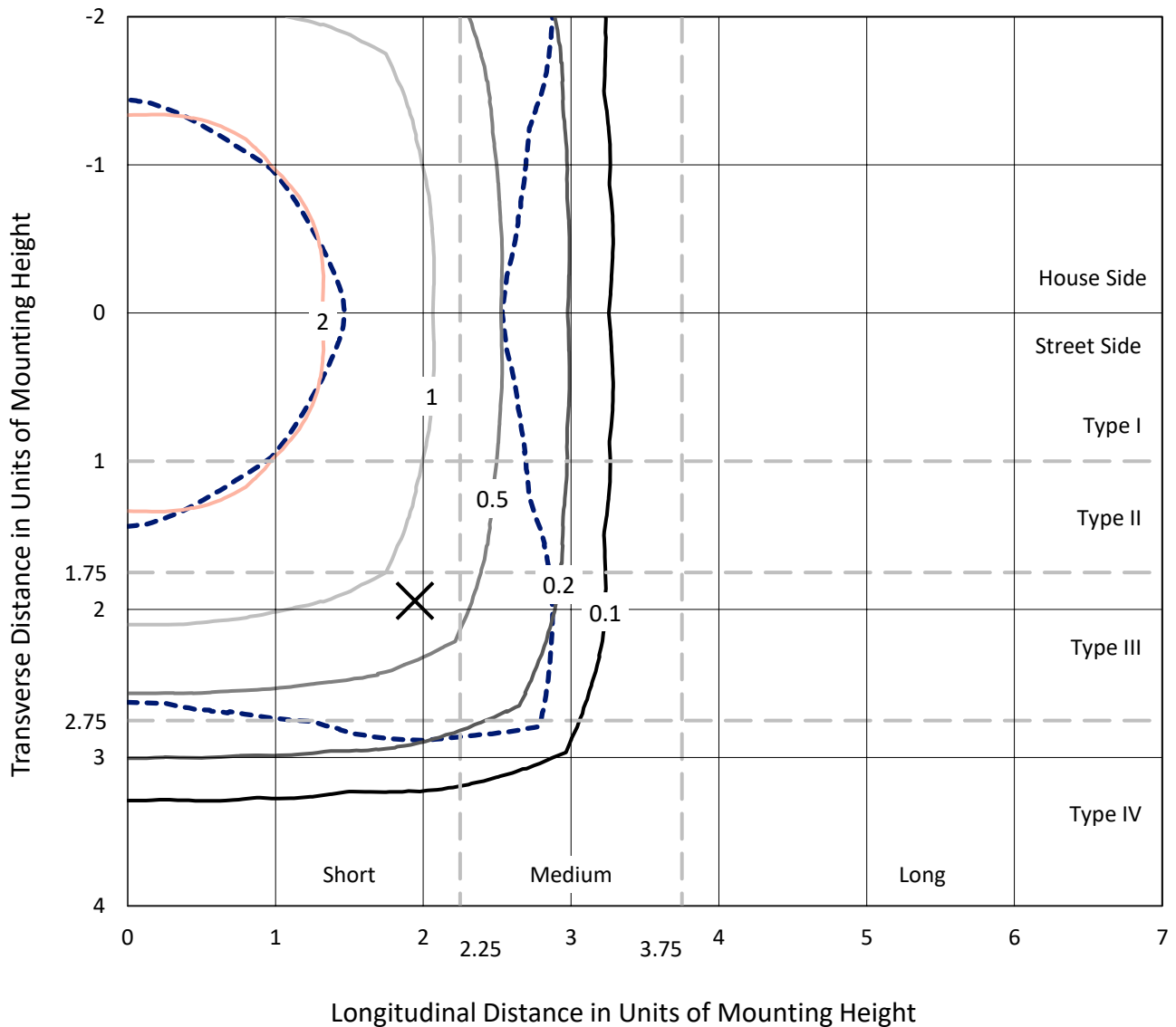
Lumens per Lamp: N/A
Luminaire Lumens: 9546.8 lumens
Efficiency: N/A
Efficacy: 153.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

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

REPORT NUMBER: P672561
 CATALOG NUMBER: CCP-SA-2C-750-U-5MQ

Iso-Footcandle Lines of Horizontal Illumination

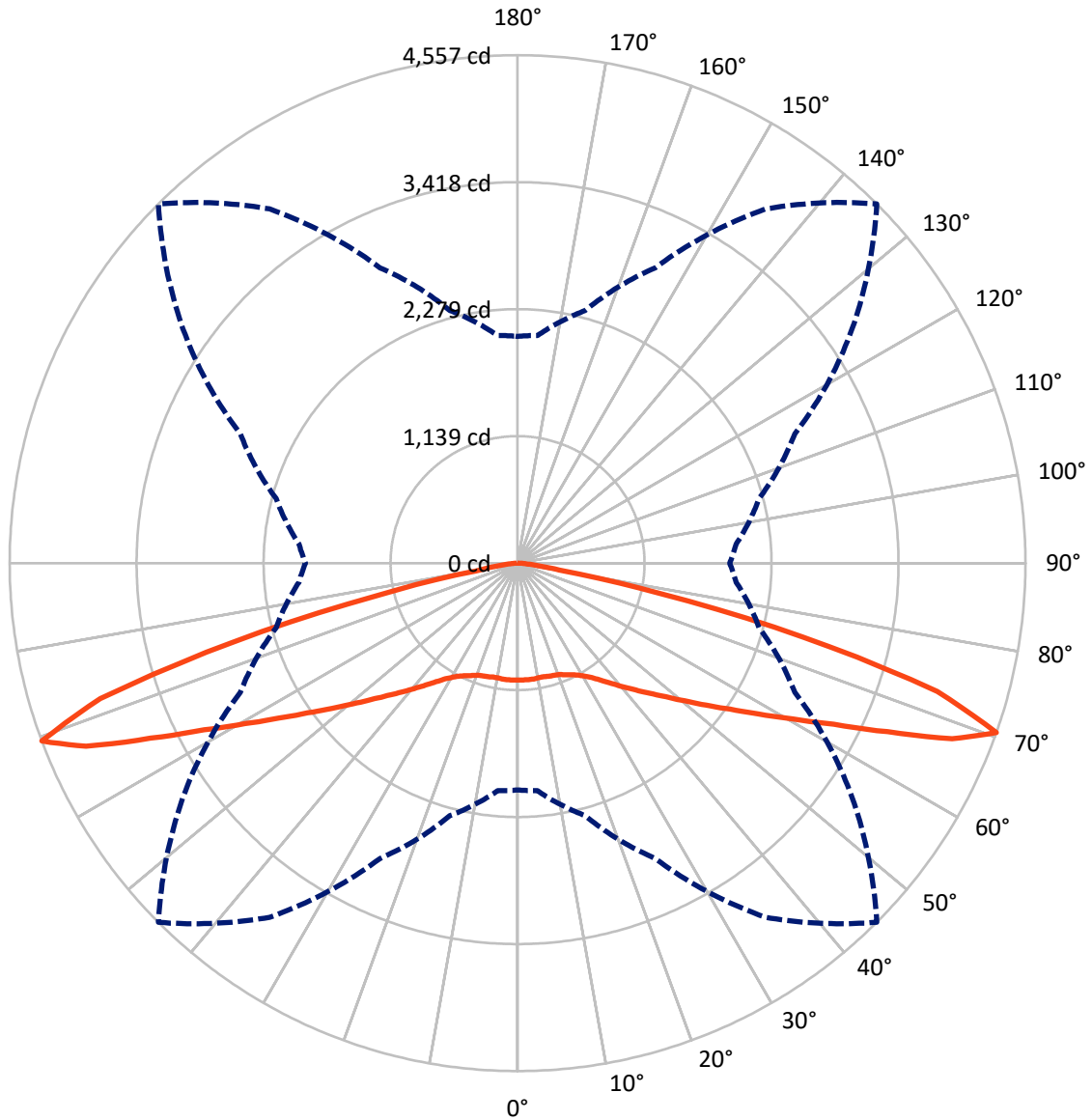
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.7 fc
 Type V - Short - N/A

REPORT NUMBER: P672561
CATALOG NUMBER: CCP-SA-2C-750-U-5MQ

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P672561
 CATALOG NUMBER: CCP-SA-2C-750-U-5MQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4773.4	0.0	4773.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4773.4	0.0	4773.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	9546.8	0.0	9546.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.9	1.0
10°-20°	295.6	3.1
20°-30°	504.7	5.3
30°-40°	805.4	8.4
40°-50°	1299.7	13.6
50°-60°	2081.2	21.8
60°-70°	3046.8	31.9
70°-80°	1340.0	14.0
80°-90°	73.4	0.8
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°	9546.8	100.0
0°-180°	9546.8	100.0



REPORT NUMBER: P672561

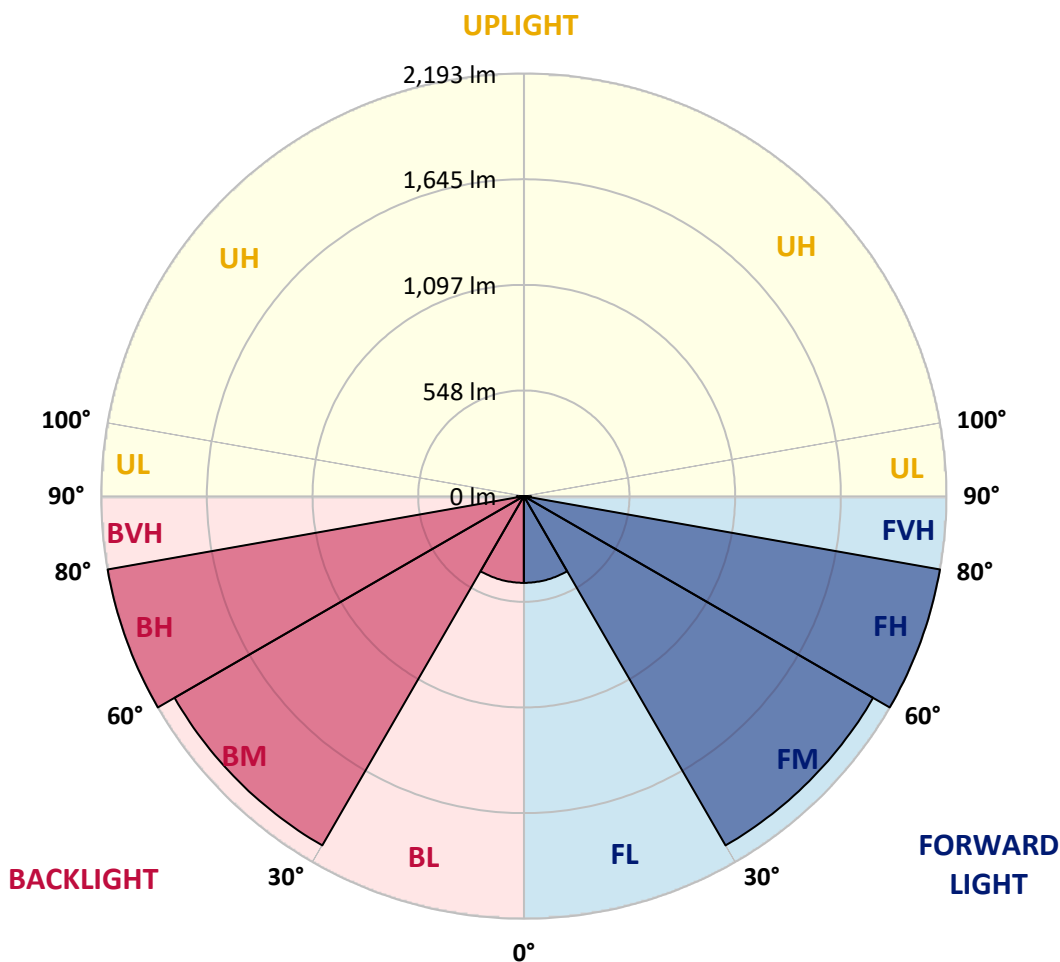
CATALOG NUMBER: CCP-SA-2C-750-U-5MQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	450.1	4.7			
FM (30°-60°)	2093.2	21.9			
FH (60°-80°)	2193.4	23.0			G2/5000
FVH (80°-90°)	36.7	0.4			G1/100
BL (0°-30°)	450.1	4.7	B1/500		
BM (30°-60°)	2093.2	21.9	B2/2500		
BH (60°-80°)	2193.4	23.0	B3/2500		G2/5000
BVH (80°-90°)	36.7	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





REPORT NUMBER: P672561

CATALOG NUMBER: CCP-SA-2C-750-U-5MQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1049.8	1049.8	1049.8	1049.8	1049.8	1049.8	1049.8	1049.8	1049.8	1049.8	1049.8
2.5°	1048.5	1047.8	1049.2	1049.8	1048.5	1049.2	1045.1	1045.1	1047.1	1045.1	1047.8
5°	1053.2	1051.9	1053.2	1053.2	1049.8	1049.8	1045.1	1043.7	1045.1	1041.7	1044.4
7.5°	1053.9	1051.2	1053.2	1052.5	1049.8	1049.8	1043.1	1040.4	1041.0	1037.7	1039.7
10°	1047.1	1045.8	1048.5	1047.1	1045.1	1045.1	1039.7	1035.6	1035.6	1032.2	1034.3
12.5°	1043.1	1041.7	1045.1	1045.8	1044.4	1045.1	1038.3	1032.9	1030.9	1026.8	1028.2
15°	1043.1	1040.4	1045.8	1047.1	1048.5	1053.2	1043.1	1033.6	1029.5	1024.1	1025.5
17.5°	1042.4	1041.0	1047.1	1051.9	1053.2	1058.6	1047.1	1037.0	1032.2	1024.1	1025.5
20°	1042.4	1041.7	1049.2	1058.0	1062.0	1066.7	1054.6	1045.1	1037.0	1028.2	1028.2
22.5°	1045.8	1045.1	1055.2	1068.1	1079.6	1087.7	1073.5	1058.0	1047.1	1035.6	1034.3
25°	1060.0	1058.6	1070.8	1086.4	1101.9	1110.0	1095.8	1080.3	1064.7	1051.9	1050.5
27.5°	1089.1	1088.4	1100.6	1119.5	1130.3	1136.4	1124.2	1110.7	1095.2	1080.3	1079.6
30°	1128.3	1128.3	1143.9	1163.5	1169.6	1174.3	1162.1	1152.7	1136.4	1120.2	1118.8
32.5°	1175.7	1178.4	1196.6	1218.3	1222.3	1225.0	1212.2	1206.1	1188.5	1170.9	1168.2
35°	1237.9	1238.6	1260.9	1282.5	1287.9	1290.6	1275.8	1270.4	1254.1	1235.2	1231.1
37.5°	1317.0	1315.0	1336.0	1360.3	1365.7	1369.1	1356.9	1352.9	1332.6	1313.6	1307.6
40°	1405.6	1407.0	1430.7	1453.7	1457.0	1458.4	1452.3	1446.2	1427.3	1405.6	1398.2
42.5°	1508.5	1508.5	1536.2	1563.3	1563.3	1556.5	1553.8	1552.4	1534.2	1509.8	1501.7
45°	1626.2	1627.5	1662.0	1682.3	1683.7	1665.4	1668.1	1676.2	1658.6	1627.5	1616.7
47.5°	1755.4	1757.4	1798.0	1820.3	1816.2	1792.6	1807.4	1811.5	1791.2	1751.3	1737.1
50°	1891.3	1897.4	1942.7	1982.0	1976.6	1942.1	1961.7	1963.0	1929.9	1883.9	1864.3
52.5°	2038.1	2052.3	2112.5	2154.5	2159.9	2116.6	2133.5	2132.1	2089.5	2026.6	2013.8
55°	2220.1	2228.2	2287.7	2347.2	2367.5	2314.1	2333.0	2323.6	2266.1	2194.4	2172.7
57.5°	2402.0	2414.2	2490.6	2557.6	2598.2	2552.9	2556.9	2532.6	2460.2	2373.6	2362.8
60°	2617.8	2623.2	2707.8	2795.0	2865.4	2838.3	2819.4	2768.7	2683.4	2596.8	2581.3
62.5°	2794.4	2805.2	2931.0	3059.5	3178.6	3183.3	3125.8	3050.1	2914.1	2769.3	2738.2
65°	2843.1	2860.7	3037.2	3290.9	3538.5	3648.7	3491.1	3259.8	2956.0	2737.5	2690.9
67.5°	2616.5	2650.3	2902.6	3324.0	3873.3	4204.1	3782.0	3160.3	2736.2	2481.2	2436.5
70°	2034.7	2049.6	2345.9	2924.2	3878.7	4557.2	3664.9	2744.3	2243.1	1969.1	1903.5
72.5°	1080.9	1088.4	1355.6	1969.1	3156.3	3936.9	3028.4	1920.4	1320.4	1071.5	996.4
75°	349.0	358.5	466.7	806.3	1741.2	2645.6	1785.8	798.9	455.2	367.3	347.7
77.5°	177.9	177.2	196.8	259.8	585.8	1296.7	619.6	280.0	196.8	176.6	171.1
80°	110.9	108.9	123.8	142.1	205.0	378.8	222.5	156.9	124.5	106.9	106.2
82.5°	62.9	62.9	83.2	91.3	115.7	156.3	129.9	107.6	85.2	63.6	61.6
85°	35.2	31.1	52.1	57.5	66.3	77.1	79.1	69.7	57.5	35.2	36.5
87.5°	12.9	14.2	24.4	23.0	26.4	18.3	32.5	36.5	32.5	16.9	14.2
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)