

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: P672893

Luminaire Tested: **CCP-SA-2C-835-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672893
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-835-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (32) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

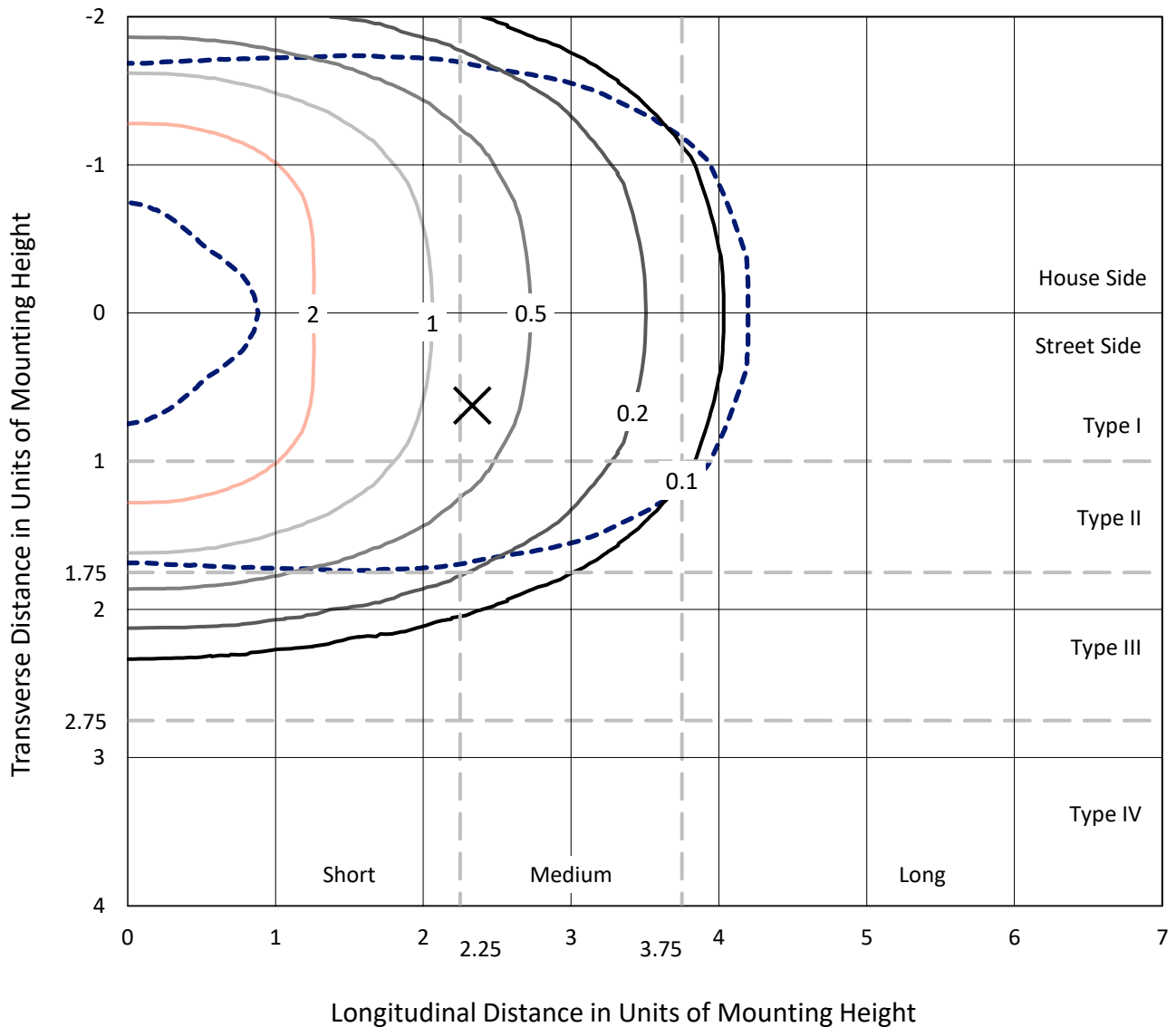
Lumens per Lamp: N/A
Luminaire Lumens: 7578.6 lumens
Efficiency: N/A
Efficacy: 122.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

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

REPORT NUMBER: P672893
 CATALOG NUMBER: CCP-SA-2C-835-U-RW

Iso-Footcandle Lines of Horizontal Illumination

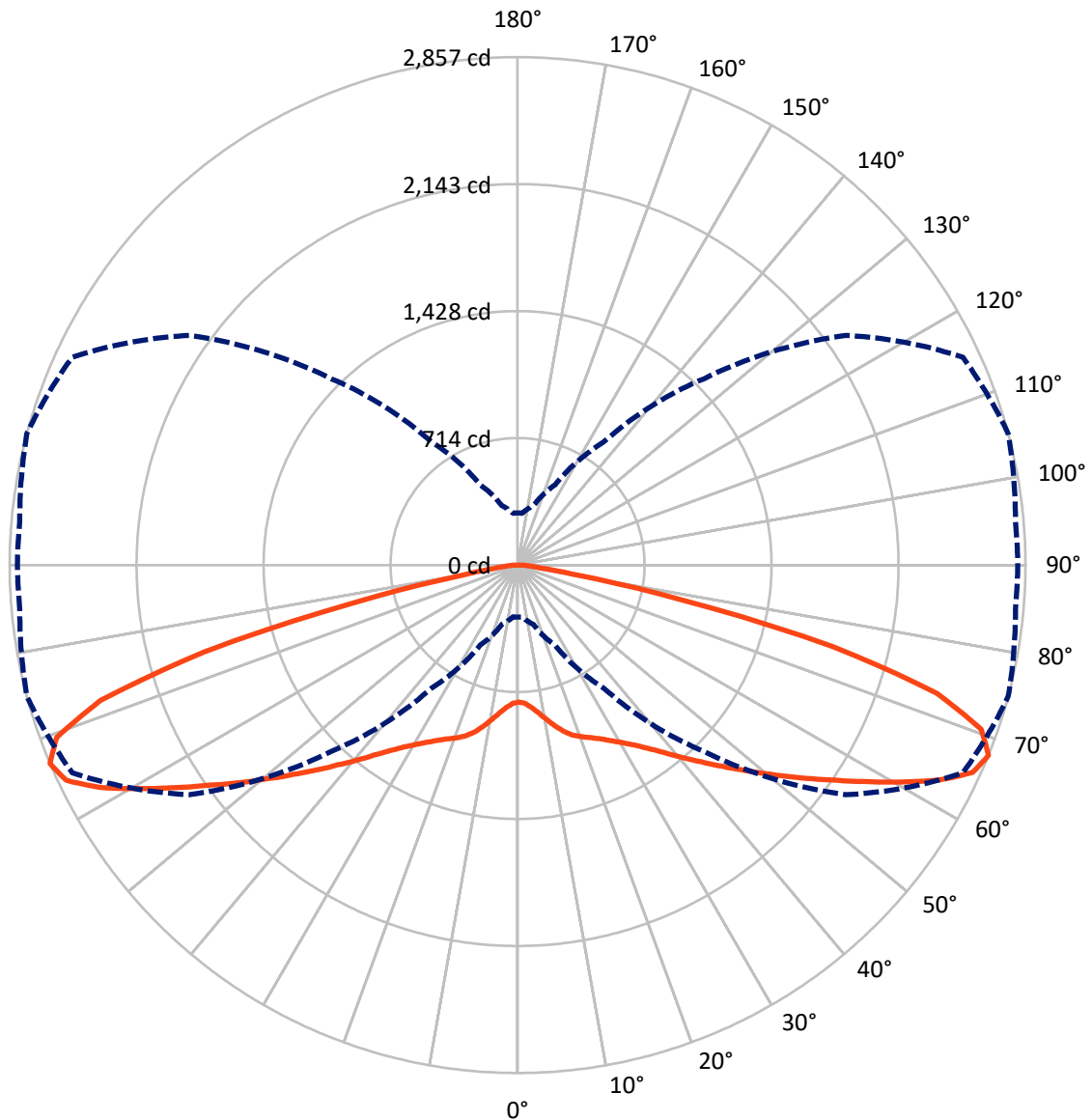
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4 fc
 Type II - Medium - N/A

REPORT NUMBER: P672893
CATALOG NUMBER: CCP-SA-2C-835-U-RW

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672893

CATALOG NUMBER: CCP-SA-2C-835-U-RW

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3789.3	0.0	3789.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3789.3	0.0	3789.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	7578.6	0.0	7578.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.3	1.0
10°-20°	257.1	3.4
20°-30°	502.0	6.6
30°-40°	866.0	11.4
40°-50°	1402.8	18.5
50°-60°	1907.8	25.2
60°-70°	1760.0	23.2
70°-80°	736.4	9.7
80°-90°	70.3	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°	7578.6	100.0
0°-180°	7578.6	100.0



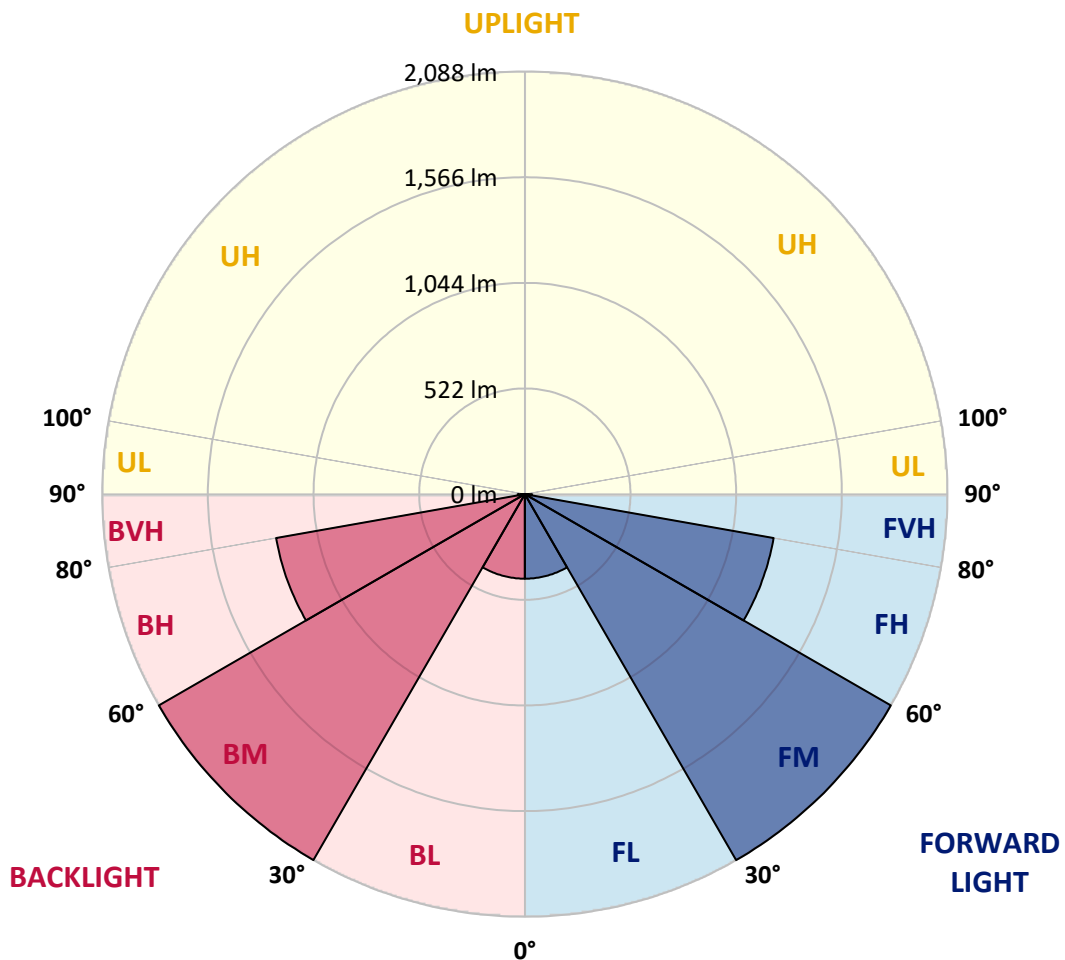
REPORT NUMBER: P672893
 CATALOG NUMBER: CCP-SA-2C-835-U-RW

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	417.7	5.5			
FM (30°-60°)	2088.3	27.6			
FH (60°-80°)	1248.2	16.5			G1/1800
FVH (80°-90°)	35.2	0.5			G1/100
BL (0°-30°)	417.7	5.5	B1/500		
BM (30°-60°)	2088.3	27.6	B2/2500		
BH (60°-80°)	1248.2	16.5	B3/2500		G3/2500
BVH (80°-90°)	35.2	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





REPORT NUMBER: P672893
 CATALOG NUMBER: CCP-SA-2C-835-U-RW

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	771.0	771.0	771.0	771.0	771.0	771.0	771.0	771.0	771.0	771.0	771.0
2.5°	766.1	766.1	768.3	771.0	772.1	774.3	774.8	774.8	778.1	777.6	778.1
5°	763.9	763.9	767.7	772.6	778.1	784.6	791.2	795.0	803.2	804.8	805.3
7.5°	766.1	766.7	772.1	780.3	789.5	801.5	814.1	824.4	838.0	842.9	846.2
10°	774.3	774.8	781.9	793.4	807.5	825.0	842.9	859.3	881.1	890.9	892.5
12.5°	786.8	787.4	797.7	816.2	836.4	858.2	878.4	899.1	926.3	941.0	944.3
15°	805.9	804.2	820.6	847.8	876.2	903.4	921.4	941.6	970.4	989.5	994.4
17.5°	832.0	833.1	853.3	888.2	923.0	950.8	968.8	980.2	1005.3	1024.9	1029.8
20°	864.7	869.6	895.2	935.6	976.4	1005.9	1018.4	1016.8	1030.9	1047.8	1051.6
22.5°	911.0	914.3	945.4	990.6	1037.5	1068.0	1072.9	1054.9	1054.4	1065.2	1070.2
25°	965.5	968.3	1001.0	1053.3	1102.8	1135.0	1130.1	1099.0	1082.7	1083.2	1086.5
27.5°	1029.3	1034.7	1068.5	1121.9	1173.1	1202.6	1195.5	1150.3	1118.1	1108.3	1106.1
30°	1112.1	1118.1	1152.4	1203.7	1248.9	1275.0	1264.1	1206.9	1159.0	1142.6	1139.4
32.5°	1220.0	1219.5	1254.9	1304.5	1336.1	1352.9	1331.7	1266.9	1206.4	1184.6	1180.2
35°	1331.2	1336.6	1371.5	1419.4	1443.4	1444.5	1410.7	1337.7	1265.8	1228.2	1220.0
37.5°	1456.5	1459.2	1499.5	1544.7	1560.6	1551.8	1501.7	1420.5	1337.7	1297.9	1283.7
40°	1585.1	1587.8	1634.7	1678.2	1695.7	1675.0	1609.0	1512.1	1422.7	1379.1	1370.9
42.5°	1704.4	1711.5	1763.8	1815.0	1831.9	1807.9	1728.4	1612.3	1512.6	1470.6	1459.7
45°	1803.6	1811.2	1870.0	1935.4	1965.4	1945.8	1855.9	1725.1	1616.1	1570.9	1552.4
47.5°	1878.2	1888.0	1950.7	2029.2	2087.5	2083.6	1991.6	1844.4	1727.3	1673.9	1657.0
50°	1929.4	1939.8	2007.4	2091.8	2179.5	2209.0	2129.4	1976.3	1851.0	1791.0	1779.6
52.5°	1933.3	1942.5	2019.9	2125.1	2242.2	2307.0	2265.1	2115.2	1987.2	1925.1	1916.9
55°	1848.2	1854.8	1957.8	2097.8	2267.8	2382.2	2388.8	2266.7	2132.7	2070.0	2066.2
57.5°	1653.2	1662.4	1785.6	1970.8	2225.3	2430.7	2496.1	2425.3	2297.2	2238.4	2235.1
60°	1335.5	1347.5	1488.1	1734.4	2071.7	2418.2	2587.1	2574.0	2477.0	2419.8	2417.7
62.5°	942.1	946.5	1093.0	1364.4	1770.9	2285.2	2631.2	2719.0	2663.4	2605.6	2608.9
65°	553.6	559.6	666.9	911.0	1343.1	1979.6	2555.0	2819.8	2812.7	2759.8	2765.3
67.5°	292.6	292.6	346.5	498.0	844.6	1482.1	2251.5	2764.2	2856.8	2810.5	2813.2
70°	202.2	201.6	211.4	250.1	408.1	918.7	1684.2	2473.2	2766.9	2749.5	2756.6
72.5°	171.1	170.0	170.5	176.0	207.6	415.2	1022.7	1904.9	2466.7	2493.4	2499.4
75°	149.8	148.2	147.1	146.0	148.8	188.5	466.4	1175.3	1828.6	1996.5	1993.2
77.5°	129.1	128.0	127.0	123.1	118.8	123.7	190.7	528.5	940.5	1109.9	1097.9
80°	106.3	106.3	107.9	102.4	94.3	91.0	113.9	197.2	312.2	325.8	299.7
82.5°	83.4	83.4	91.5	83.9	74.1	65.9	79.0	105.2	127.0	103.0	83.9
85°	58.8	59.4	76.3	69.7	57.2	38.1	49.0	62.7	71.4	45.2	35.4
87.5°	24.0	25.6	47.4	37.6	36.0	19.1	22.9	27.8	35.4	19.1	15.3
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)