

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: P672583

Luminaire Tested: **CCP-SA-2C-827-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672583
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-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ
distribution lens
Light Source: (32) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

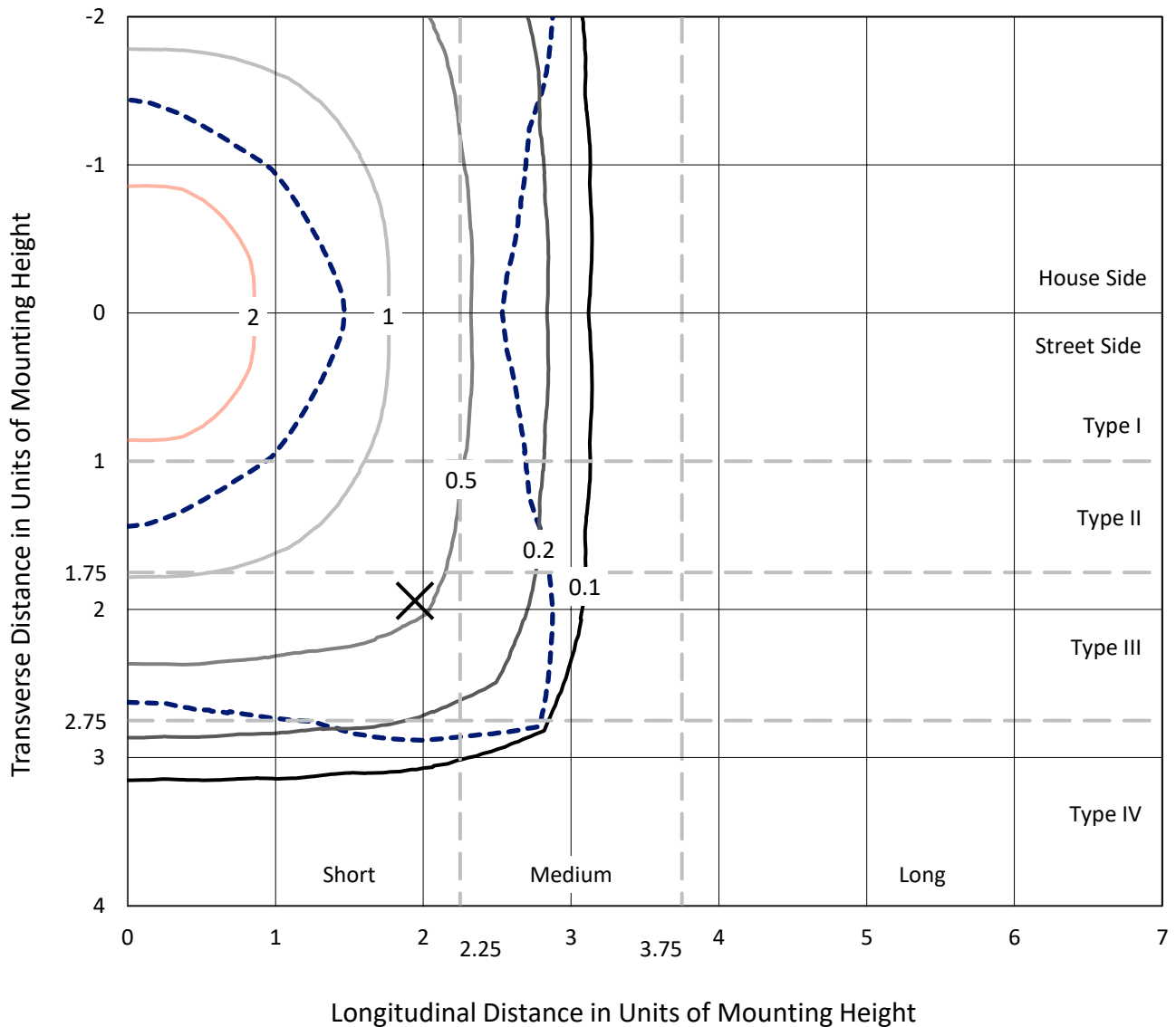
Lumens per Lamp: N/A
Luminaire Lumens: 6860.7 lumens
Efficiency: N/A
Efficacy: 110.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

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: P672583
 CATALOG NUMBER: CCP-SA-2C-827-U-5MQ

Iso-Footcandle Lines of Horizontal Illumination

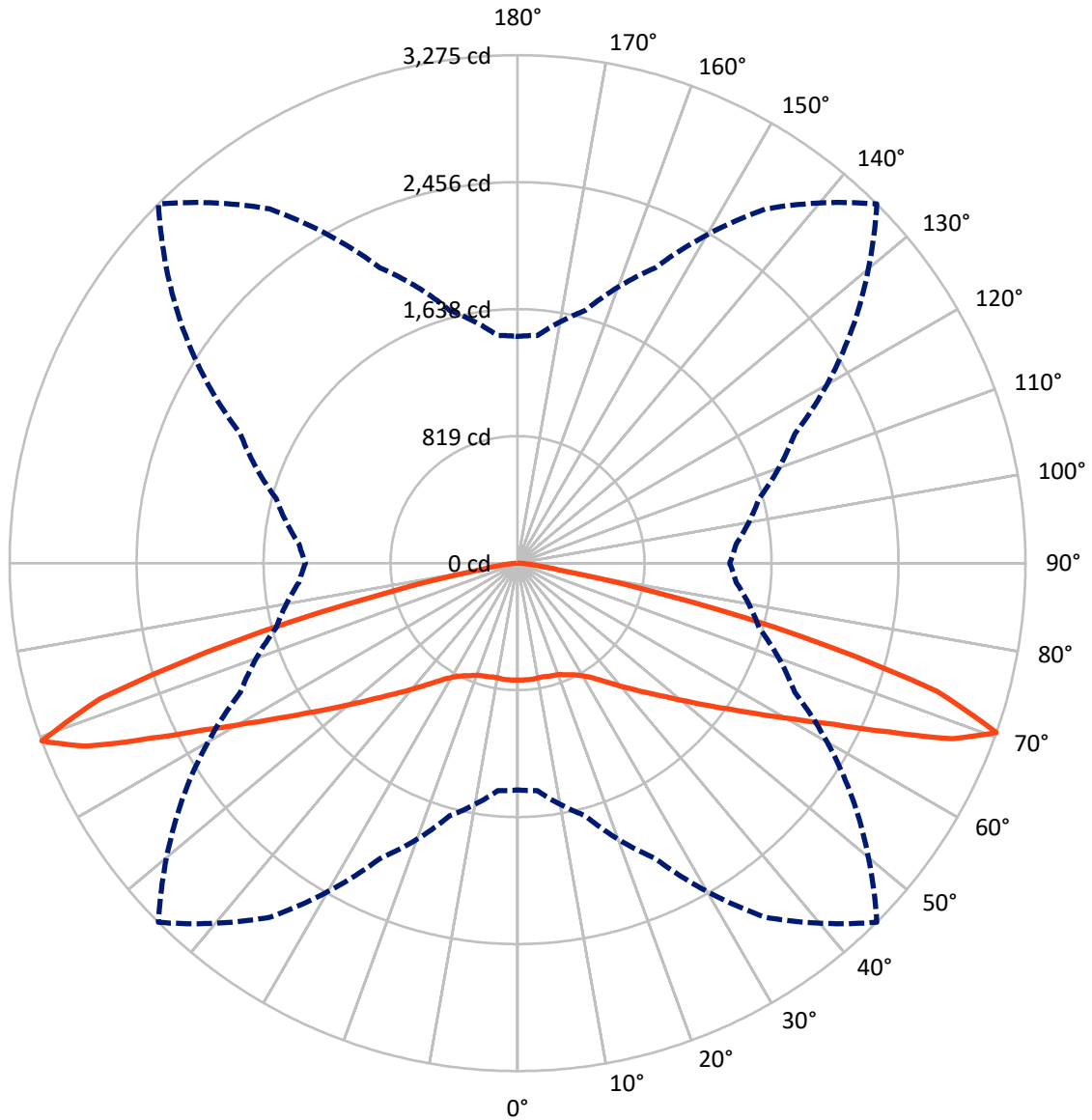
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.4 fc
 Type V - Short - N/A

REPORT NUMBER: P672583
CATALOG NUMBER: CCP-SA-2C-827-U-5MQ

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672583
 CATALOG NUMBER: CCP-SA-2C-827-U-5MQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3430.4	0.0	3430.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3430.4	0.0	3430.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	6860.7	0.0	6860.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.8	1.0
10°-20°	212.4	3.1
20°-30°	362.7	5.3
30°-40°	578.8	8.4
40°-50°	934.0	13.6
50°-60°	1495.7	21.8
60°-70°	2189.6	31.9
70°-80°	963.0	14.0
80°-90°	52.8	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°	6860.7	100.0
0°-180°	6860.7	100.0



REPORT NUMBER: P672583

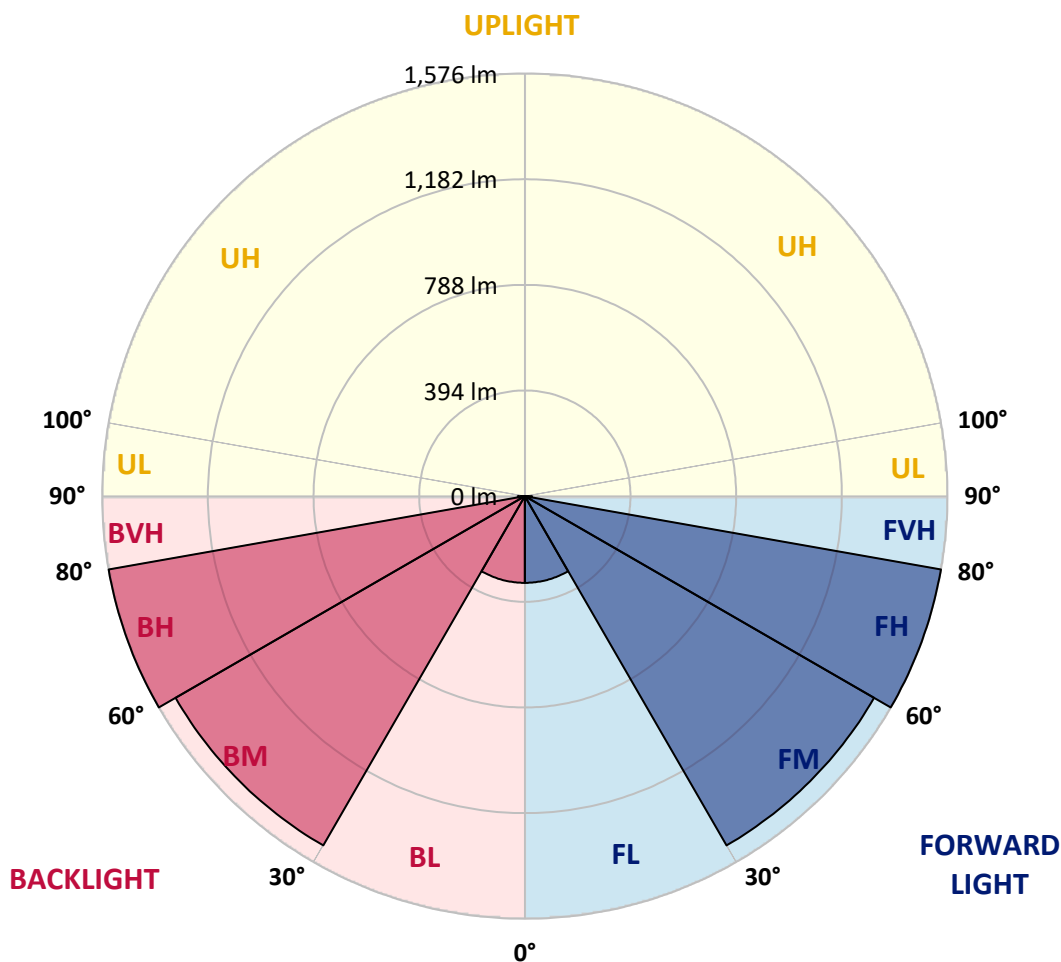
CATALOG NUMBER: CCP-SA-2C-827-U-5MQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	323.4	4.7			
FM (30°-60°)	1504.3	21.9			
FH (60°-80°)	1576.3	23.0			G1/1800
FVH (80°-90°)	26.4	0.4			G1/100
BL (0°-30°)	323.4	4.7	B1/500		
BM (30°-60°)	1504.3	21.9	B2/2500		
BH (60°-80°)	1576.3	23.0	B3/2500		G1/1800
BVH (80°-90°)	26.4	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-G1

Type V Short





REPORT NUMBER: P672583
 CATALOG NUMBER: CCP-SA-2C-827-U-5MQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	754.5	754.5	754.5	754.5	754.5	754.5	754.5	754.5	754.5	754.5	754.5
2.5°	753.5	753.0	754.0	754.5	753.5	754.0	751.1	751.1	752.5	751.1	753.0
5°	756.9	755.9	756.9	756.9	754.5	754.5	751.1	750.1	751.1	748.6	750.6
7.5°	757.4	755.4	756.9	756.4	754.5	754.5	749.6	747.6	748.1	745.7	747.2
10°	752.5	751.5	753.5	752.5	751.1	751.1	747.2	744.2	744.2	741.8	743.3
12.5°	749.6	748.6	751.1	751.5	750.6	751.1	746.2	742.3	740.8	737.9	738.9
15°	749.6	747.6	751.5	752.5	753.5	756.9	749.6	742.8	739.9	736.0	737.0
17.5°	749.1	748.1	752.5	755.9	756.9	760.8	752.5	745.2	741.8	736.0	737.0
20°	749.1	748.6	754.0	760.3	763.2	766.6	757.9	751.1	745.2	738.9	738.9
22.5°	751.5	751.1	758.3	767.6	775.8	781.7	771.5	760.3	752.5	744.2	743.3
25°	761.7	760.8	769.5	780.7	791.9	797.7	787.5	776.3	765.2	755.9	754.9
27.5°	782.7	782.2	790.9	804.5	812.3	816.7	807.9	798.2	787.0	776.3	775.8
30°	810.8	810.8	822.0	836.1	840.5	843.9	835.2	828.3	816.7	805.0	804.0
32.5°	844.9	846.8	859.9	875.5	878.4	880.4	871.1	866.7	854.1	841.5	839.5
35°	889.6	890.1	906.1	921.7	925.6	927.5	916.8	912.9	901.3	887.7	884.7
37.5°	946.5	945.0	960.1	977.6	981.5	983.9	975.2	972.2	957.7	944.0	939.7
40°	1010.2	1011.1	1028.1	1044.7	1047.1	1048.1	1043.7	1039.3	1025.7	1010.2	1004.8
42.5°	1084.0	1084.0	1104.0	1123.4	1123.4	1118.6	1116.6	1115.6	1102.5	1085.0	1079.2
45°	1168.6	1169.6	1194.4	1209.0	1209.9	1196.8	1198.8	1204.6	1192.0	1169.6	1161.8
47.5°	1261.5	1262.9	1292.1	1308.1	1305.2	1288.2	1298.9	1301.8	1287.2	1258.6	1248.4
50°	1359.2	1363.6	1396.1	1424.3	1420.4	1395.6	1409.7	1410.7	1386.9	1353.8	1339.7
52.5°	1464.7	1474.9	1518.1	1548.3	1552.2	1521.1	1533.2	1532.2	1501.6	1456.4	1447.2
55°	1595.4	1601.3	1644.1	1686.8	1701.4	1663.0	1676.6	1669.8	1628.5	1577.0	1561.4
57.5°	1726.2	1735.0	1789.9	1838.0	1867.2	1834.6	1837.5	1820.0	1768.0	1705.8	1698.0
60°	1881.3	1885.2	1945.9	2008.6	2059.2	2039.8	2026.1	1989.7	1928.4	1866.2	1855.0
62.5°	2008.2	2015.9	2106.4	2198.7	2284.3	2287.7	2246.4	2191.9	2094.2	1990.2	1967.8
65°	2043.2	2055.8	2182.7	2365.0	2542.9	2622.1	2508.9	2342.6	2124.3	1967.3	1933.8
67.5°	1880.3	1904.6	2085.9	2388.8	2783.5	3021.2	2717.9	2271.1	1966.3	1783.1	1751.0
70°	1462.2	1472.9	1685.9	2101.5	2787.4	3275.0	2633.8	1972.2	1612.0	1415.1	1367.9
72.5°	776.8	782.2	974.2	1415.1	2268.2	2829.2	2176.4	1380.1	948.9	770.0	716.1
75°	250.8	257.6	335.4	579.5	1251.3	1901.2	1283.4	574.1	327.2	264.0	249.9
77.5°	127.8	127.4	141.5	186.7	421.0	931.9	445.3	201.3	141.5	126.9	123.0
80°	79.7	78.3	89.0	102.1	147.3	272.2	159.9	112.8	89.4	76.8	76.3
82.5°	45.2	45.2	59.8	65.6	83.1	112.3	93.3	77.3	61.3	45.7	44.2
85°	25.3	22.4	37.4	41.3	47.6	55.4	56.9	50.1	41.3	25.3	26.3
87.5°	9.2	10.2	17.5	16.5	19.0	13.1	23.3	26.3	23.3	12.2	10.2
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)