

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: P672805

Luminaire Tested: **CCP-SA-2C-727-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672805
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-727-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

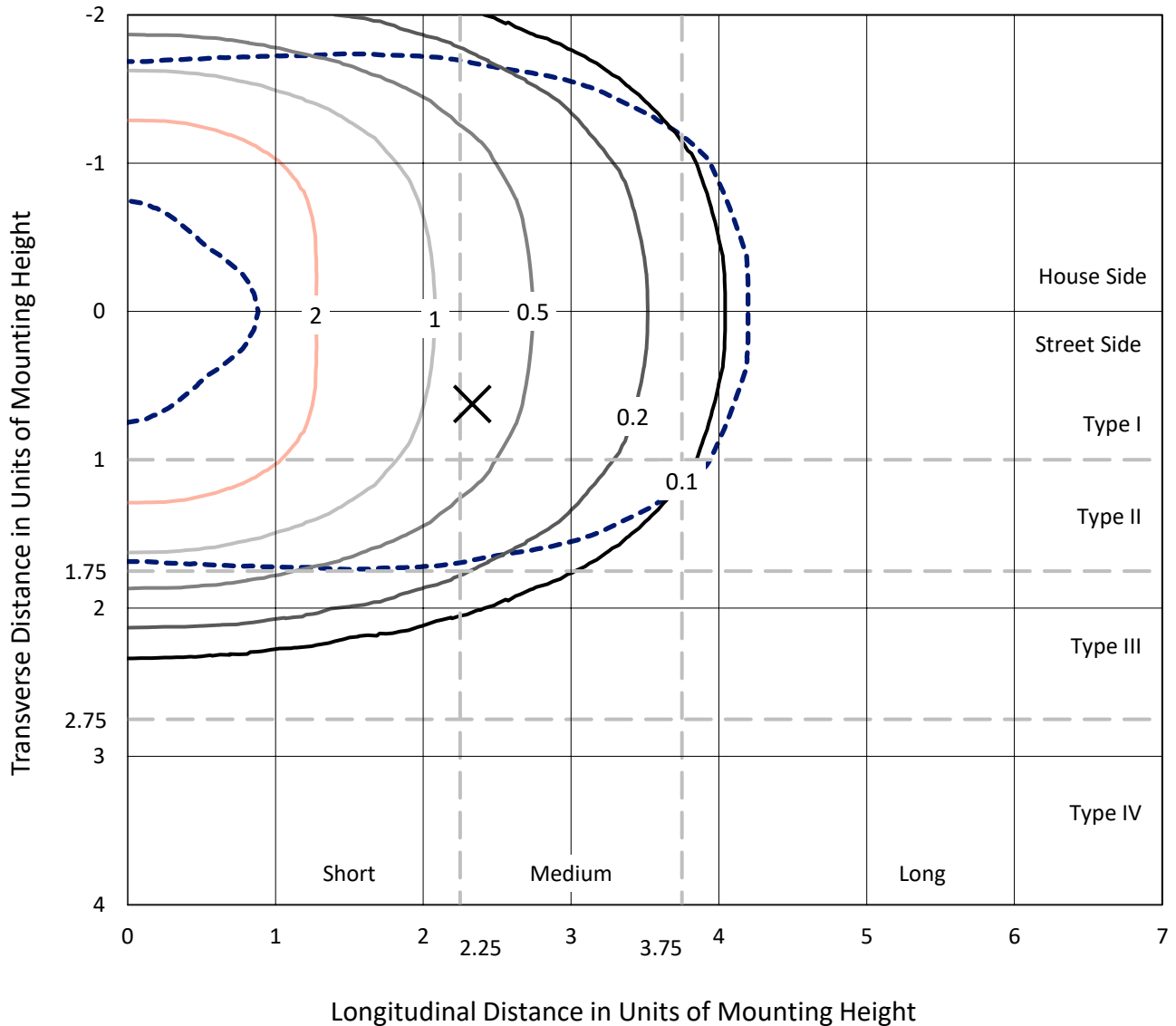
Lumens per Lamp: N/A
Luminaire Lumens: 7691.8 lumens
Efficiency: N/A
Efficacy: 123.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

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

REPORT NUMBER: P672805
 CATALOG NUMBER: CCP-SA-2C-727-U-RW

Iso-Footcandle Lines of Horizontal Illumination

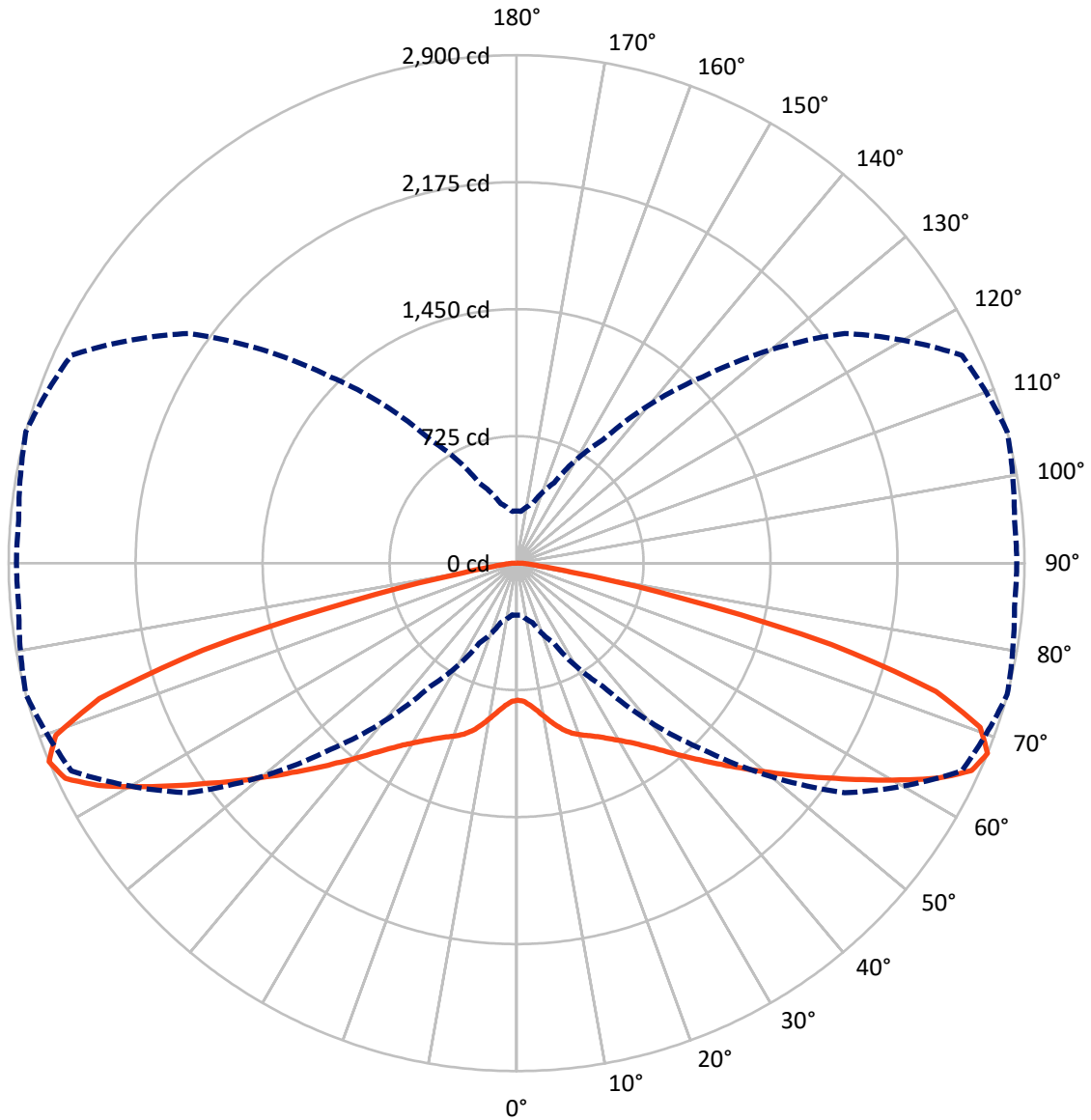
× Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P672805
CATALOG NUMBER: CCP-SA-2C-727-U-RW

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672805
 CATALOG NUMBER: CCP-SA-2C-727-U-RW

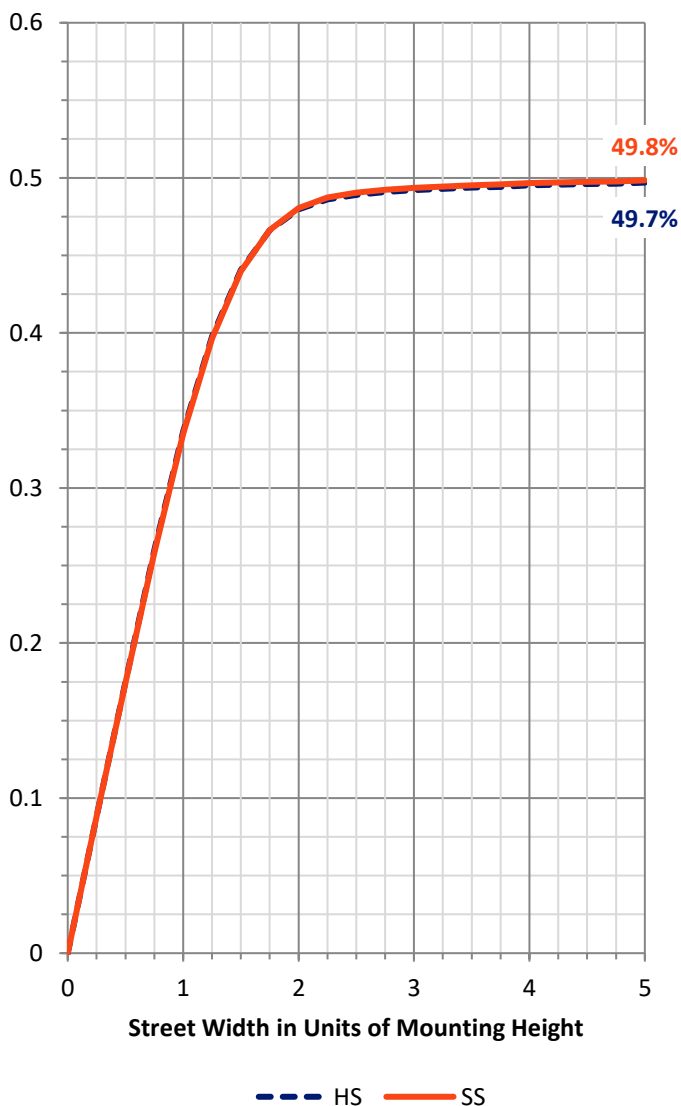
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3845.9	0.0	3845.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3845.9	0.0	3845.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	7691.8	0.0	7691.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.4	1.0
10°-20°	260.9	3.4
20°-30°	509.5	6.6
30°-40°	878.9	11.4
40°-50°	1423.7	18.5
50°-60°	1936.3	25.2
60°-70°	1786.3	23.2
70°-80°	747.4	9.7
80°-90°	71.4	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°	7691.8	100.0
0°-180°	7691.8	100.0



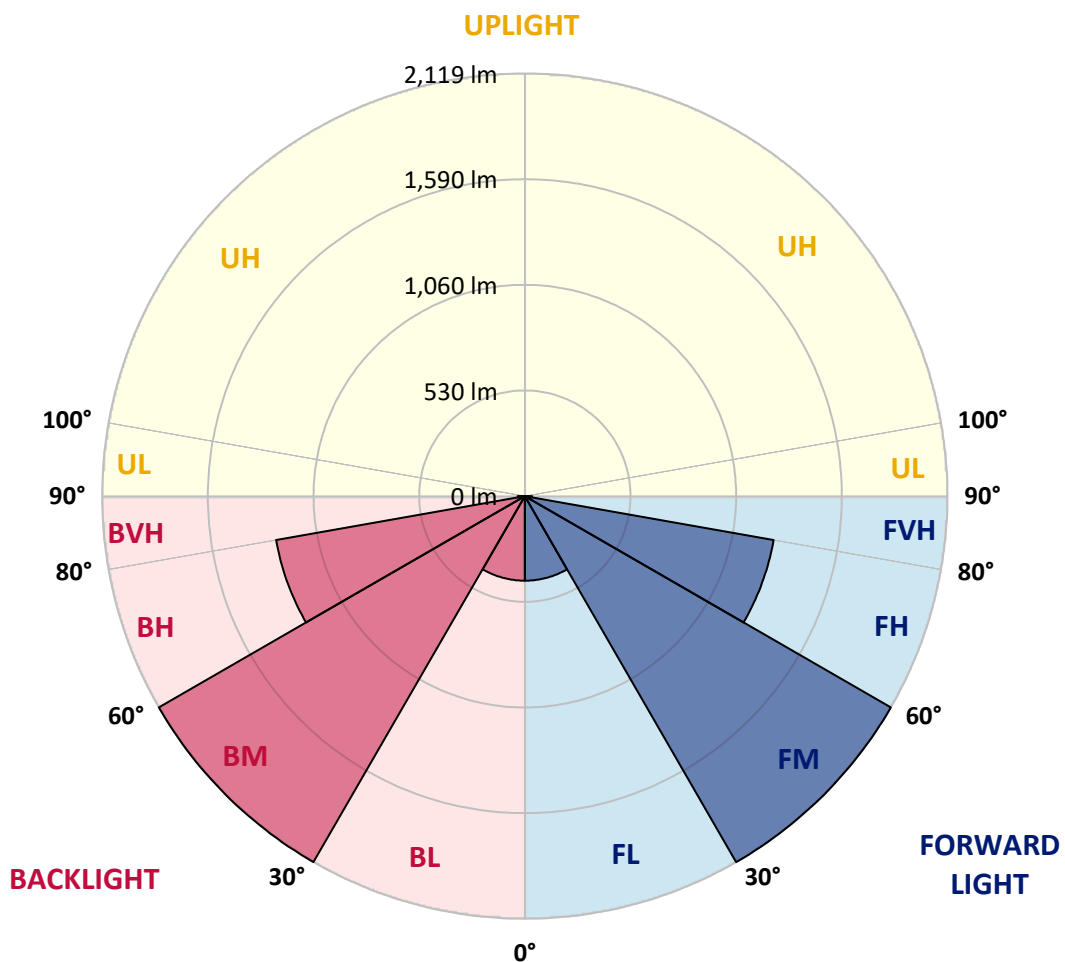
REPORT NUMBER: P672805
 CATALOG NUMBER: CCP-SA-2C-727-U-RW

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	423.9	5.5			
FM (30°-60°)	2119.4	27.6			
FH (60°-80°)	1266.9	16.5			G1/1800
FVH (80°-90°)	35.7	0.5			G1/100
BL (0°-30°)	423.9	5.5	B1/500		
BM (30°-60°)	2119.4	27.6	B2/2500		
BH (60°-80°)	1266.9	16.5	B3/2500		G3/2500
BVH (80°-90°)	35.7	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: P672805
 CATALOG NUMBER: CCP-SA-2C-727-U-RW

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	782.5	782.5	782.5	782.5	782.5	782.5	782.5	782.5	782.5	782.5	782.5
2.5°	777.5	777.5	779.8	782.5	783.6	785.8	786.4	786.4	789.7	789.2	789.7
5°	775.3	775.3	779.2	784.2	789.7	796.3	803.0	806.9	815.1	816.8	817.4
7.5°	777.5	778.1	783.6	791.9	801.3	813.5	826.2	836.7	850.5	855.5	858.8
10°	785.8	786.4	793.6	805.2	819.6	837.3	855.5	872.1	894.2	904.2	905.8
12.5°	798.6	799.1	809.6	828.4	848.9	871.0	891.5	912.5	940.1	955.1	958.4
15°	817.9	816.3	832.8	860.5	889.3	916.9	935.2	955.6	984.9	1004.3	1009.3
17.5°	844.5	845.6	866.0	901.4	936.8	965.0	983.3	994.9	1020.3	1040.2	1045.2
20°	877.6	882.6	908.6	949.5	991.0	1020.9	1033.6	1031.9	1046.3	1063.5	1067.3
22.5°	924.6	928.0	959.5	1005.4	1052.9	1083.9	1088.9	1070.6	1070.1	1081.2	1086.1
25°	979.9	982.7	1015.9	1069.0	1119.3	1151.9	1147.0	1115.4	1098.8	1099.4	1102.7
27.5°	1044.7	1050.2	1084.5	1138.7	1190.6	1220.5	1213.3	1167.4	1134.8	1124.8	1122.6
30°	1128.7	1134.8	1169.6	1221.6	1267.5	1294.1	1283.0	1224.9	1176.3	1159.7	1156.4
32.5°	1238.2	1237.7	1273.6	1323.9	1356.0	1373.1	1351.6	1285.8	1224.4	1202.3	1197.8
35°	1351.0	1356.6	1391.9	1440.6	1464.9	1466.1	1431.8	1357.7	1284.7	1246.5	1238.2
37.5°	1478.2	1481.0	1521.9	1567.8	1583.8	1575.0	1524.1	1441.7	1357.7	1317.3	1302.9
40°	1608.7	1611.5	1659.1	1703.3	1721.0	1700.0	1633.1	1534.6	1443.9	1399.7	1391.4
42.5°	1729.8	1737.0	1790.1	1842.1	1859.2	1834.9	1754.2	1636.4	1535.2	1492.6	1481.5
45°	1830.5	1838.2	1898.0	1964.3	1994.7	1974.8	1883.6	1750.9	1640.3	1594.4	1575.5
47.5°	1906.3	1916.2	1979.8	2059.4	2118.6	2114.7	2021.3	1872.0	1753.1	1698.9	1681.7
50°	1958.2	1968.7	2037.3	2123.0	2212.1	2241.9	2161.2	2005.8	1878.6	1817.8	1806.2
52.5°	1962.1	1971.5	2050.0	2156.8	2275.7	2341.5	2298.9	2146.8	2016.9	1953.8	1945.5
55°	1875.8	1882.5	1987.0	2129.1	2301.7	2417.8	2424.4	2300.6	2164.5	2100.9	2097.0
57.5°	1677.9	1687.3	1812.2	2000.3	2258.5	2467.0	2533.4	2461.5	2331.5	2271.8	2268.5
60°	1355.4	1367.6	1510.3	1760.3	2102.6	2454.3	2625.7	2612.5	2514.0	2456.0	2453.7
62.5°	956.2	960.6	1109.4	1384.8	1797.3	2319.4	2670.5	2759.6	2703.2	2644.5	2647.9
65°	561.9	567.9	676.9	924.6	1363.2	2009.1	2593.1	2861.9	2854.7	2801.0	2806.6
67.5°	297.0	297.0	351.7	505.5	857.2	1504.2	2285.1	2805.5	2899.5	2852.5	2855.2
70°	205.2	204.6	214.6	253.8	414.2	932.4	1709.4	2510.2	2808.2	2790.5	2797.7
72.5°	173.6	172.5	173.1	178.6	210.7	421.4	1038.0	1933.4	2503.5	2530.6	2536.7
75°	152.1	150.4	149.3	148.2	151.0	191.3	473.4	1192.9	1855.9	2026.3	2022.9
77.5°	131.1	130.0	128.9	125.0	120.6	125.5	193.6	536.4	954.5	1126.5	1114.3
80°	107.8	107.8	109.5	104.0	95.7	92.4	115.6	200.2	316.9	330.7	304.2
82.5°	84.6	84.6	92.9	85.2	75.2	66.9	80.2	106.7	128.9	104.5	85.2
85°	59.7	60.3	77.4	70.8	58.1	38.7	49.8	63.6	72.4	45.9	35.9
87.5°	24.3	26.0	48.1	38.2	36.5	19.4	23.2	28.2	35.9	19.4	15.5
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)