

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: P672525

Luminaire Tested: **CCP-SA-1F-730-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672525
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-730-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5MQ distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

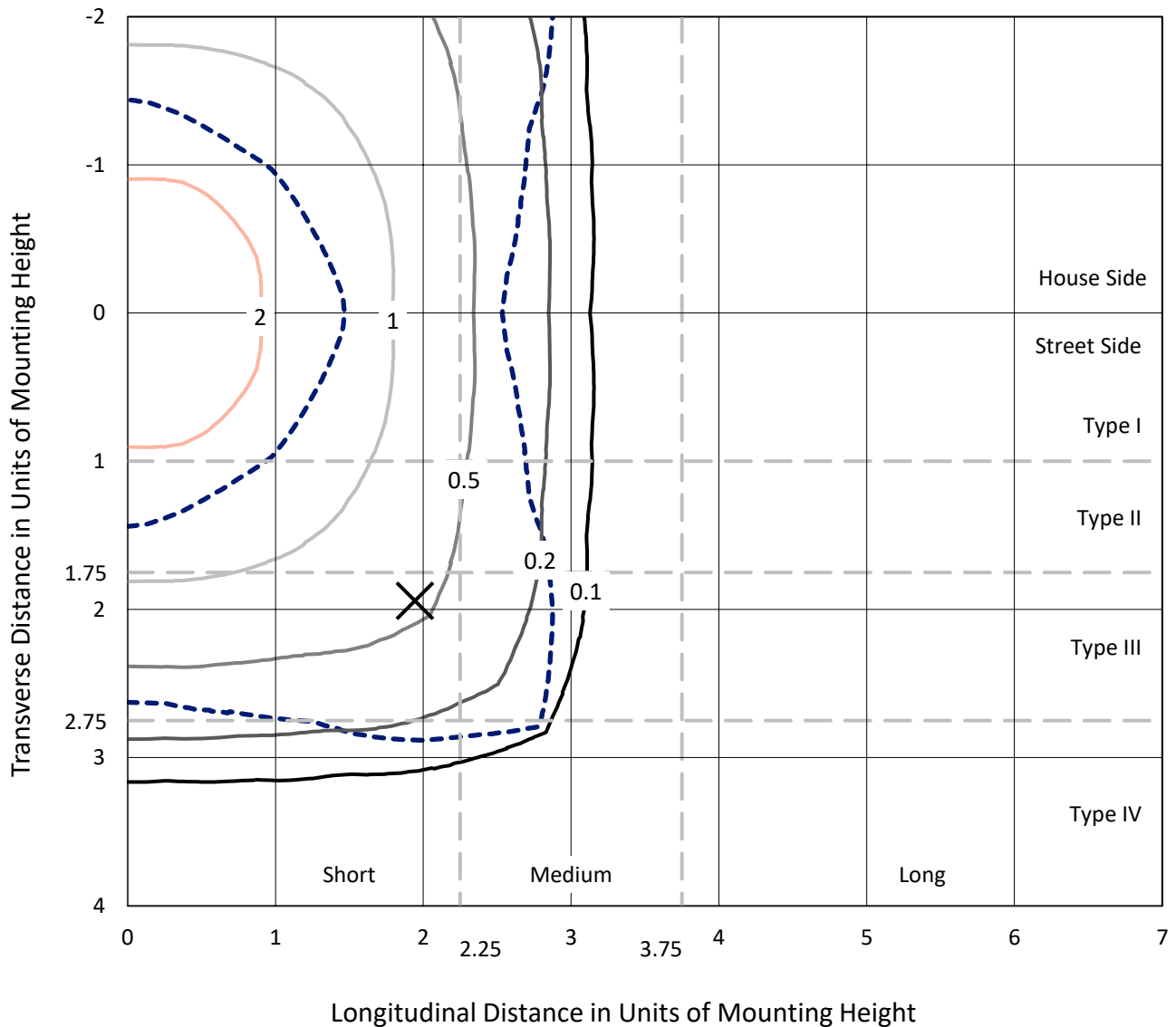
Lumens per Lamp: N/A
Luminaire Lumens: 7047.5 lumens
Efficiency: N/A
Efficacy: 105.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 67
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: P672525
 CATALOG NUMBER: CCP-SA-1F-730-U-5MQ

Iso-Footcandle Lines of Horizontal Illumination

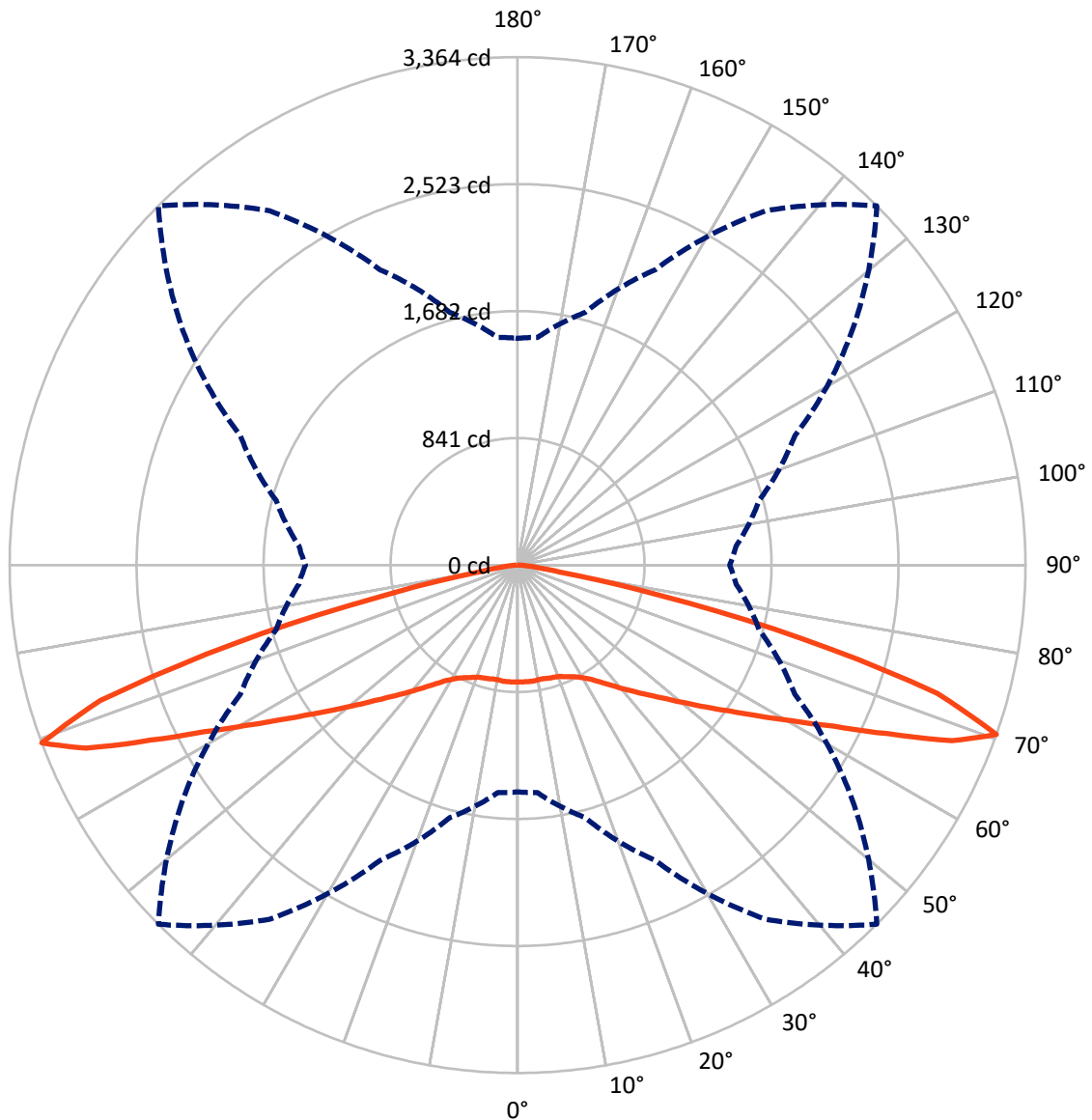
× Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P672525
CATALOG NUMBER: CCP-SA-1F-730-U-5MQ

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672525

CATALOG NUMBER: CCP-SA-1F-730-U-5MQ

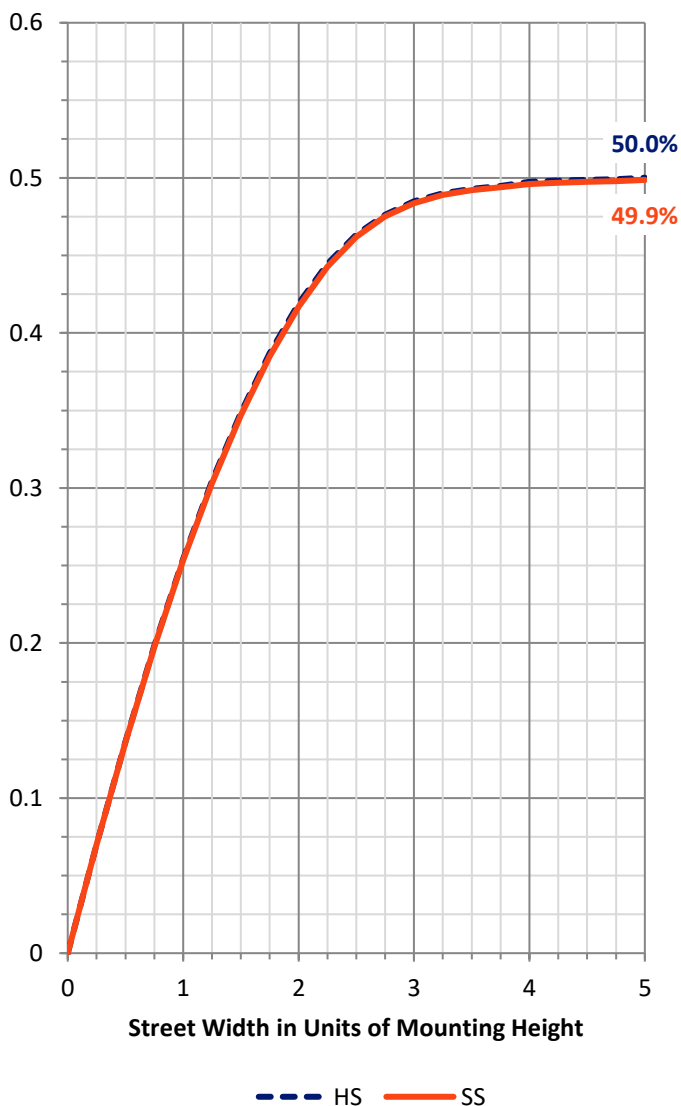
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3523.8	0.0	3523.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3523.8	0.0	3523.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	7047.5	0.0	7047.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.7	1.0
10°-20°	218.2	3.1
20°-30°	372.6	5.3
30°-40°	594.6	8.4
40°-50°	959.5	13.6
50°-60°	1536.4	21.8
60°-70°	2249.2	31.9
70°-80°	989.2	14.0
80°-90°	54.2	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°	7047.5	100.0
0°-180°	7047.5	100.0



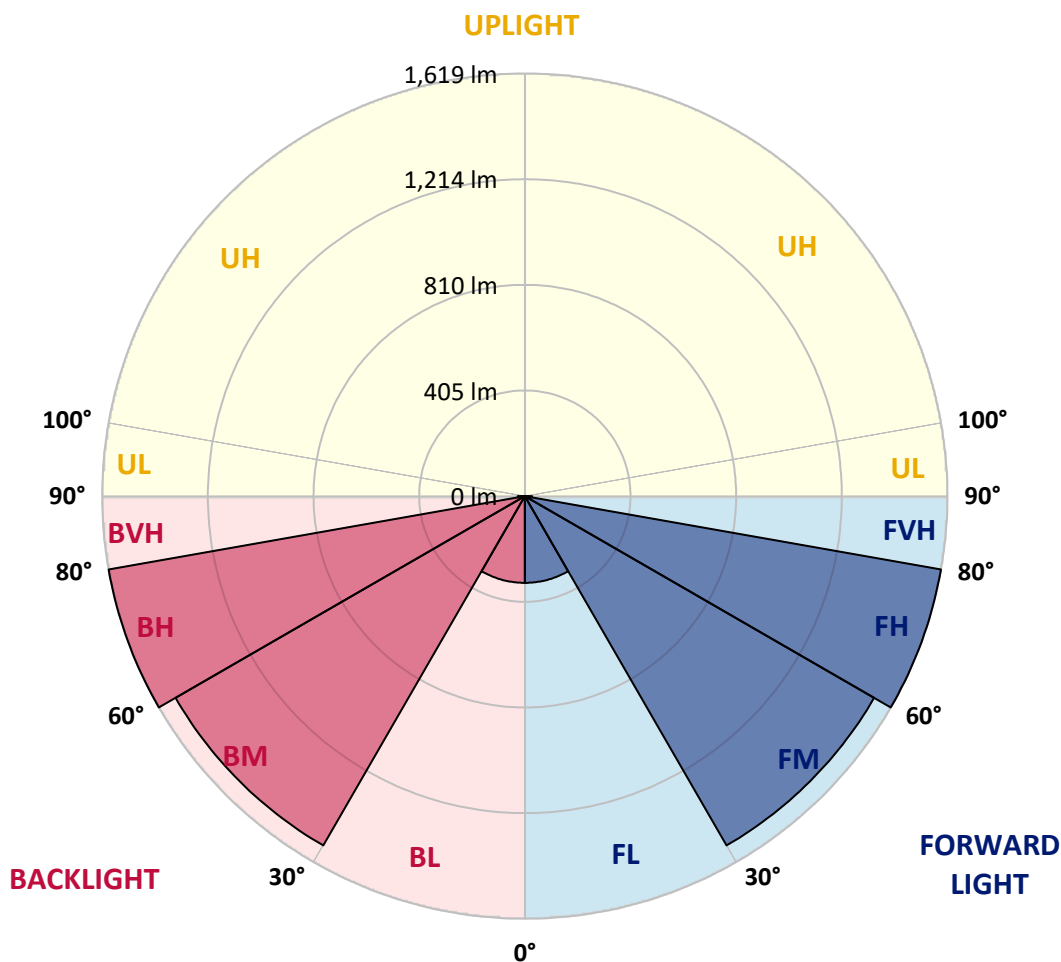
REPORT NUMBER: P672525
 CATALOG NUMBER: CCP-SA-1F-730-U-5MQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	332.3	4.7			
FM (30°-60°)	1545.2	21.9			
FH (60°-80°)	1619.2	23.0			G1/1800
FVH (80°-90°)	27.1	0.4			G1/100
BL (0°-30°)	332.3	4.7	B1/500		
BM (30°-60°)	1545.2	21.9	B2/2500		
BH (60°-80°)	1619.2	23.0	B3/2500		G1/1800
BVH (80°-90°)	27.1	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: P672525

CATALOG NUMBER: CCP-SA-1F-730-U-5MQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	775.0	775.0	775.0	775.0	775.0	775.0	775.0	775.0	775.0	775.0	775.0
2.5°	774.0	773.5	774.5	775.0	774.0	774.5	771.5	771.5	773.0	771.5	773.5
5°	777.5	776.5	777.5	777.5	775.0	775.0	771.5	770.5	771.5	769.0	771.0
7.5°	778.0	776.0	777.5	777.0	775.0	775.0	770.0	768.0	768.5	766.0	767.5
10°	773.0	772.0	774.0	773.0	771.5	771.5	767.5	764.5	764.5	762.0	763.5
12.5°	770.0	769.0	771.5	772.0	771.0	771.5	766.5	762.5	761.0	758.0	759.0
15°	770.0	768.0	772.0	773.0	774.0	777.5	770.0	763.0	760.0	756.0	757.0
17.5°	769.5	768.5	773.0	776.5	777.5	781.5	773.0	765.5	762.0	756.0	757.0
20°	769.5	769.0	774.5	781.0	784.0	787.5	778.5	771.5	765.5	759.0	759.0
22.5°	772.0	771.5	779.0	788.5	797.0	803.0	792.5	781.0	773.0	764.5	763.5
25°	782.5	781.5	790.5	802.0	813.4	819.4	809.0	797.5	786.0	776.5	775.5
27.5°	804.0	803.5	812.4	826.4	834.4	838.9	829.9	819.9	808.5	797.5	797.0
30°	832.9	832.9	844.4	858.9	863.4	866.9	857.9	850.9	838.9	826.9	825.9
32.5°	867.9	869.9	883.4	899.3	902.3	904.3	894.8	890.3	877.4	864.4	862.4
35°	913.8	914.3	930.8	946.8	950.8	952.8	941.8	937.8	925.8	911.8	908.8
37.5°	972.2	970.7	986.2	1004.2	1008.2	1010.7	1001.7	998.7	983.7	969.7	965.3
40°	1037.7	1038.7	1056.1	1073.1	1075.6	1076.6	1072.1	1067.6	1053.6	1037.7	1032.2
42.5°	1113.6	1113.6	1134.0	1154.0	1154.0	1149.0	1147.0	1146.0	1132.5	1114.6	1108.6
45°	1200.4	1201.4	1226.9	1241.9	1242.9	1229.4	1231.4	1237.4	1224.4	1201.4	1193.5
47.5°	1295.8	1297.3	1327.3	1343.8	1340.8	1323.3	1334.3	1337.3	1322.3	1292.8	1282.3
50°	1396.2	1400.7	1434.1	1463.1	1459.1	1433.6	1448.1	1449.1	1424.7	1390.7	1376.2
52.5°	1504.6	1515.0	1559.5	1590.4	1594.4	1562.5	1575.0	1574.0	1542.5	1496.1	1486.6
55°	1638.9	1644.9	1688.8	1732.8	1747.7	1708.3	1722.3	1715.3	1672.8	1619.9	1603.9
57.5°	1773.2	1782.2	1838.6	1888.1	1918.0	1884.6	1887.6	1869.6	1816.1	1752.2	1744.2
60°	1932.5	1936.5	1998.9	2063.3	2115.3	2095.3	2081.3	2043.9	1980.9	1917.0	1905.5
62.5°	2062.8	2070.8	2163.7	2258.6	2346.5	2350.0	2307.5	2251.6	2151.2	2044.4	2021.4
65°	2098.8	2111.8	2242.1	2429.4	2612.1	2693.5	2577.2	2406.4	2182.2	2020.9	1986.4
67.5°	1931.5	1956.5	2142.7	2453.8	2859.3	3103.5	2791.9	2333.0	2019.9	1831.6	1798.7
70°	1502.1	1513.0	1731.8	2158.7	2863.3	3364.1	2705.5	2025.9	1655.9	1453.6	1405.2
72.5°	798.0	803.5	1000.7	1453.6	2330.0	2906.2	2235.6	1417.7	974.7	791.0	735.5
75°	257.7	264.7	344.6	595.2	1285.3	1953.0	1318.3	589.7	336.1	271.1	256.7
77.5°	131.3	130.8	145.3	191.8	432.4	957.3	457.4	206.7	145.3	130.3	126.3
80°	81.9	80.4	91.4	104.9	151.3	279.6	164.3	115.9	91.9	78.9	78.4
82.5°	46.4	46.4	61.4	67.4	85.4	115.4	95.9	79.4	62.9	46.9	45.4
85°	26.0	23.0	38.5	42.4	48.9	56.9	58.4	51.4	42.4	26.0	27.0
87.5°	9.5	10.5	18.0	17.0	19.5	13.5	24.0	27.0	24.0	12.5	10.5
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)