

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: P672524

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672524
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-730-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5MQ distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

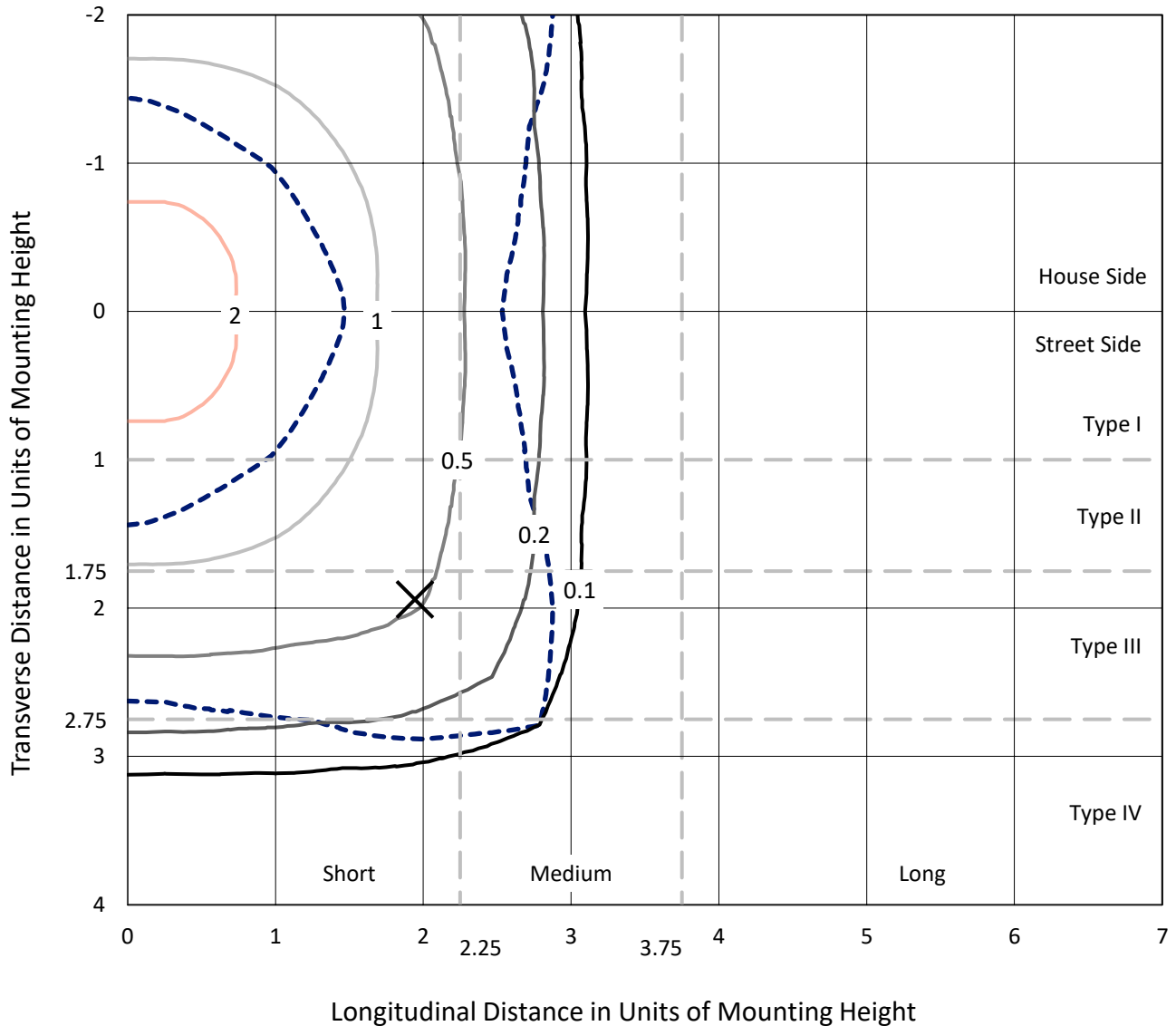
Lumens per Lamp: N/A
Luminaire Lumens: 6426.5 lumens
Efficiency: N/A
Efficacy: 114.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 56.1
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: P672524
 CATALOG NUMBER: CCP-SA-1E-730-U-5MQ

Iso-Footcandle Lines of Horizontal Illumination

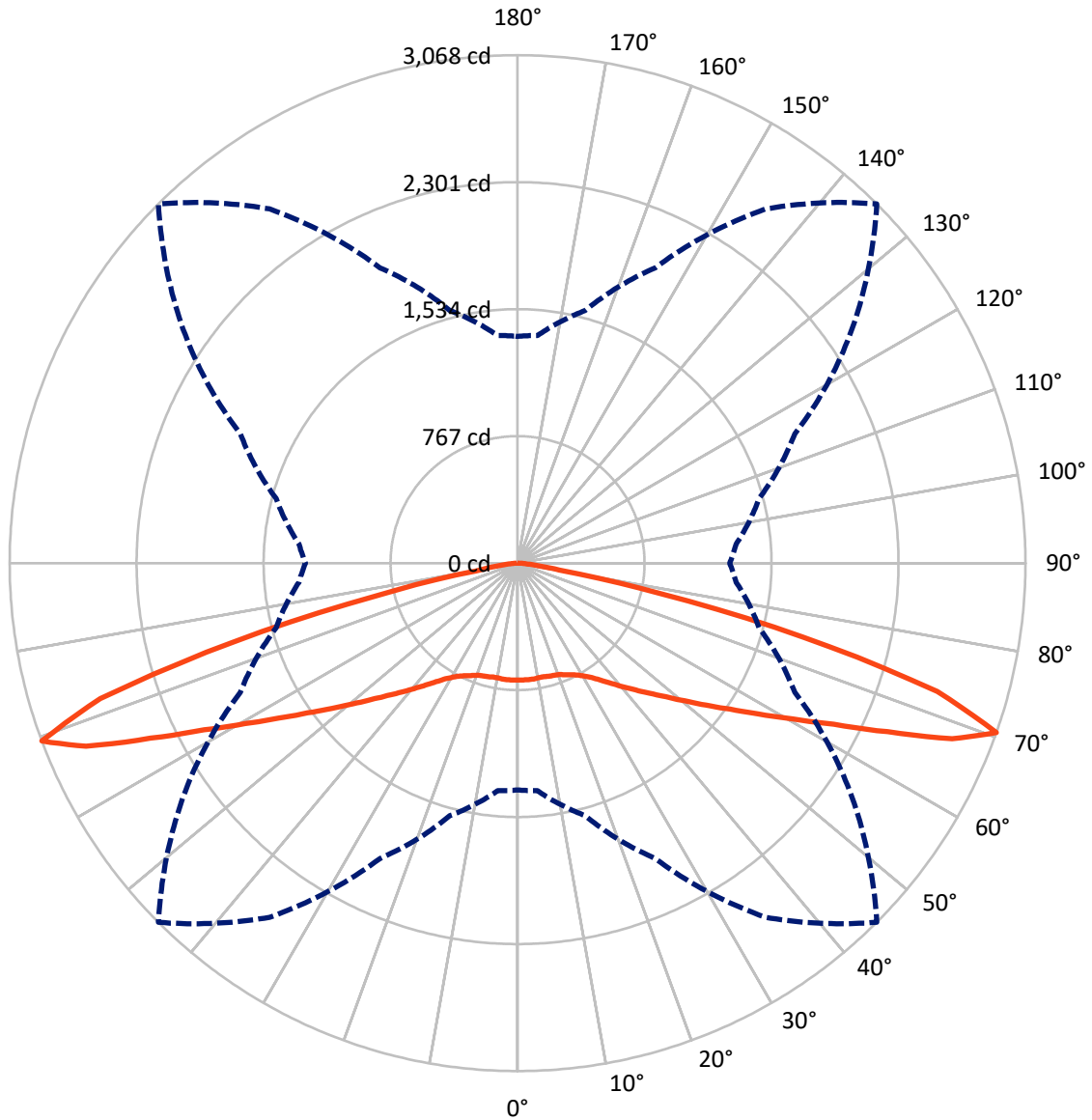
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.1 fc
 Type V - Short - N/A

REPORT NUMBER: P672524
CATALOG NUMBER: CCP-SA-1E-730-U-5MQ

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672524

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

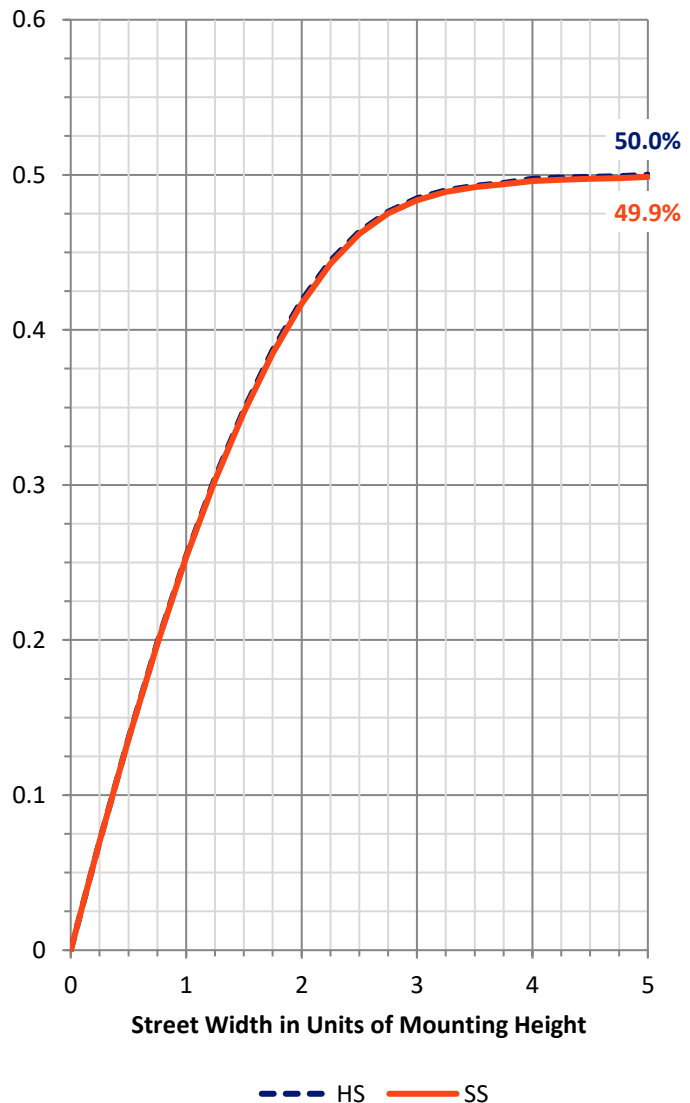
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3213.3	0.0	3213.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3213.3	0.0	3213.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	6426.5	0.0	6426.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.2	1.0
10°-20°	199.0	3.1
20°-30°	339.8	5.3
30°-40°	542.2	8.4
40°-50°	874.9	13.6
50°-60°	1401.0	21.8
60°-70°	2051.0	31.9
70°-80°	902.0	14.0
80°-90°	49.4	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°	6426.5	100.0
0°-180°	6426.5	100.0



REPORT NUMBER: P672524

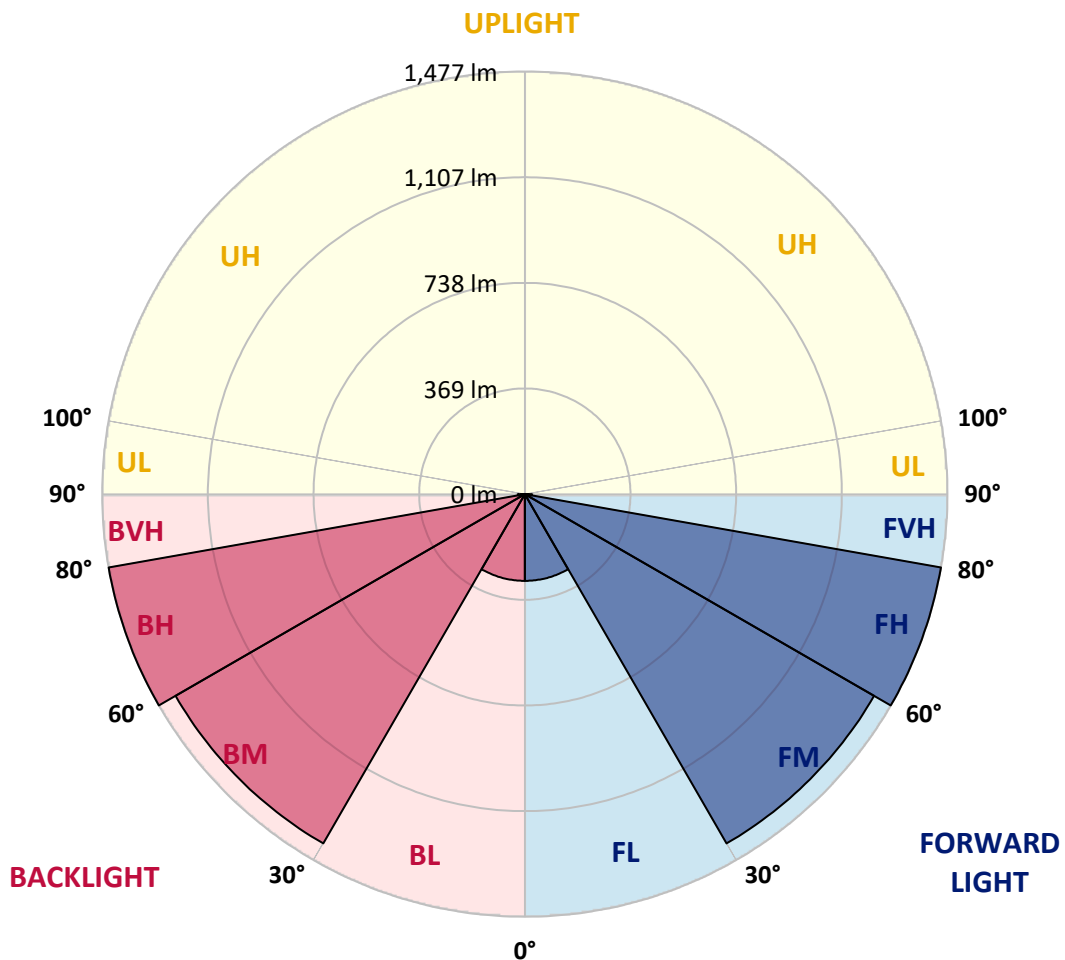
CATALOG NUMBER: CCP-SA-1E-730-U-5MQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	303.0	4.7			
FM (30°-60°)	1409.1	21.9			
FH (60°-80°)	1476.5	23.0			G1/1800
FVH (80°-90°)	24.7	0.4			G1/100
BL (0°-30°)	303.0	4.7	B1/500		
BM (30°-60°)	1409.1	21.9	B2/2500		
BH (60°-80°)	1476.5	23.0	B3/2500		G1/1800
BVH (80°-90°)	24.7	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-G1

Type V Short





REPORT NUMBER: P672524
 CATALOG NUMBER: CCP-SA-1E-730-U-5MQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	706.7	706.7	706.7	706.7	706.7	706.7	706.7	706.7	706.7	706.7	706.7
2.5°	705.8	705.3	706.3	706.7	705.8	706.3	703.5	703.5	704.9	703.5	705.3
5°	709.0	708.1	709.0	709.0	706.7	706.7	703.5	702.6	703.5	701.2	703.1
7.5°	709.4	707.6	709.0	708.5	706.7	706.7	702.2	700.3	700.8	698.5	699.9
10°	704.9	704.0	705.8	704.9	703.5	703.5	699.9	697.1	697.1	694.9	696.2
12.5°	702.2	701.2	703.5	704.0	703.1	703.5	699.0	695.3	694.0	691.2	692.1
15°	702.2	700.3	704.0	704.9	705.8	709.0	702.2	695.8	693.0	689.4	690.3
17.5°	701.7	700.8	704.9	708.1	709.0	712.6	704.9	698.1	694.9	689.4	690.3
20°	701.7	701.2	706.3	712.2	714.9	718.1	709.9	703.5	698.1	692.1	692.1
22.5°	704.0	703.5	710.4	719.0	726.7	732.2	722.6	712.2	704.9	697.1	696.2
25°	713.5	712.6	720.8	731.3	741.8	747.2	737.7	727.2	716.7	708.1	707.2
27.5°	733.1	732.7	740.9	753.6	760.9	765.0	756.8	747.7	737.2	727.2	726.7
30°	759.5	759.5	770.0	783.2	787.3	790.5	782.3	775.9	765.0	754.1	753.2
32.5°	791.4	793.2	805.5	820.1	822.8	824.6	816.0	811.9	800.1	788.2	786.4
35°	833.3	833.8	848.8	863.4	867.0	868.8	858.8	855.2	844.2	831.5	828.7
37.5°	886.6	885.2	899.3	915.7	919.4	921.6	913.4	910.7	897.0	884.3	880.2
40°	946.2	947.1	963.1	978.6	980.8	981.7	977.6	973.5	960.8	946.2	941.2
42.5°	1015.4	1015.4	1034.1	1052.3	1052.3	1047.8	1045.9	1045.0	1032.7	1016.3	1010.9
45°	1094.7	1095.6	1118.8	1132.5	1133.4	1121.1	1122.9	1128.4	1116.5	1095.6	1088.3
47.5°	1181.6	1183.0	1210.3	1225.4	1222.6	1206.7	1216.7	1219.4	1205.8	1178.9	1169.3
50°	1273.2	1277.3	1307.8	1334.2	1330.5	1307.3	1320.5	1321.4	1299.1	1268.2	1255.0
52.5°	1372.0	1381.5	1422.1	1450.3	1453.9	1424.8	1436.2	1435.3	1406.6	1364.2	1355.6
55°	1494.5	1499.9	1540.0	1580.1	1593.7	1557.8	1570.5	1564.1	1525.4	1477.2	1462.6
57.5°	1617.0	1625.2	1676.6	1721.7	1749.0	1718.5	1721.2	1704.8	1656.1	1597.8	1590.6
60°	1762.2	1765.9	1822.8	1881.5	1928.9	1910.7	1897.9	1863.8	1806.4	1748.1	1737.6
62.5°	1881.1	1888.4	1973.0	2059.6	2139.7	2142.9	2104.2	2053.2	1961.7	1864.2	1843.3
65°	1913.9	1925.7	2044.5	2215.3	2382.0	2456.2	2350.1	2194.4	1989.9	1842.8	1811.4
67.5°	1761.3	1784.1	1953.9	2237.6	2607.4	2830.0	2545.9	2127.4	1841.9	1670.2	1640.2
70°	1369.7	1379.7	1579.2	1968.5	2611.0	3067.7	2467.1	1847.4	1510.0	1325.5	1281.4
72.5°	727.7	732.7	912.5	1325.5	2124.7	2650.2	2038.6	1292.7	888.9	721.3	670.7
75°	235.0	241.3	314.2	542.8	1172.1	1780.9	1202.1	537.8	306.5	247.3	234.1
77.5°	119.8	119.3	132.5	174.9	394.3	872.9	417.1	188.5	132.5	118.8	115.2
80°	74.7	73.3	83.3	95.6	138.0	255.0	149.8	105.6	83.8	71.9	71.5
82.5°	42.3	42.3	56.0	61.5	77.9	105.2	87.4	72.4	57.4	42.8	41.4
85°	23.7	20.9	35.1	38.7	44.6	51.9	53.3	46.9	38.7	23.7	24.6
87.5°	8.7	9.6	16.4	15.5	17.8	12.3	21.9	24.6	21.9	11.4	9.6
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)