

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: P672667

Luminaire Tested: **CCP-SA-1D-730-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672667
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-730-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5NQ
distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

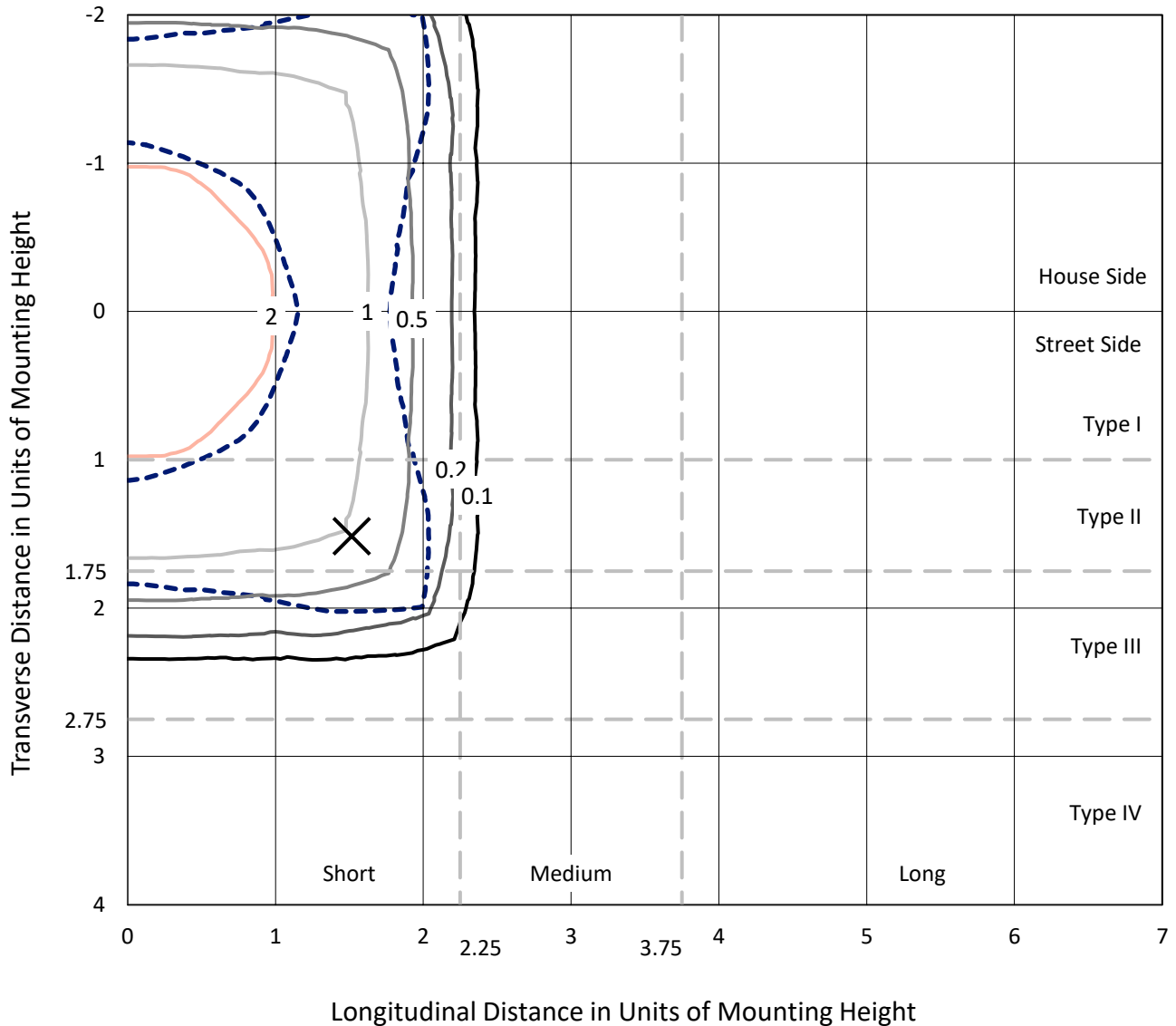
Lumens per Lamp: N/A
Luminaire Lumens: 5284.6 lumens
Efficiency: N/A
Efficacy: 120.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 44
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

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Iso-Footcandle Lines of Horizontal Illumination

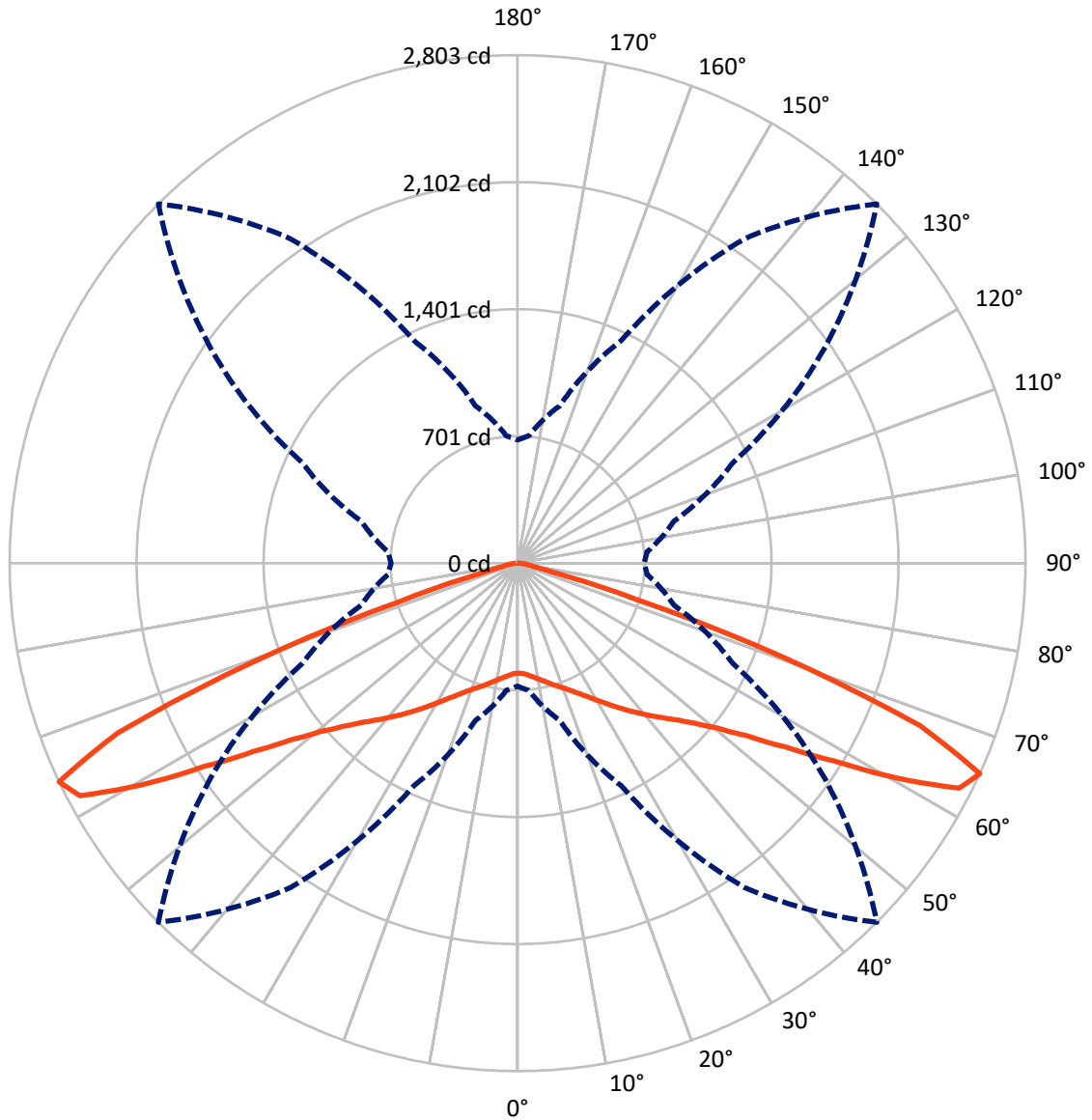
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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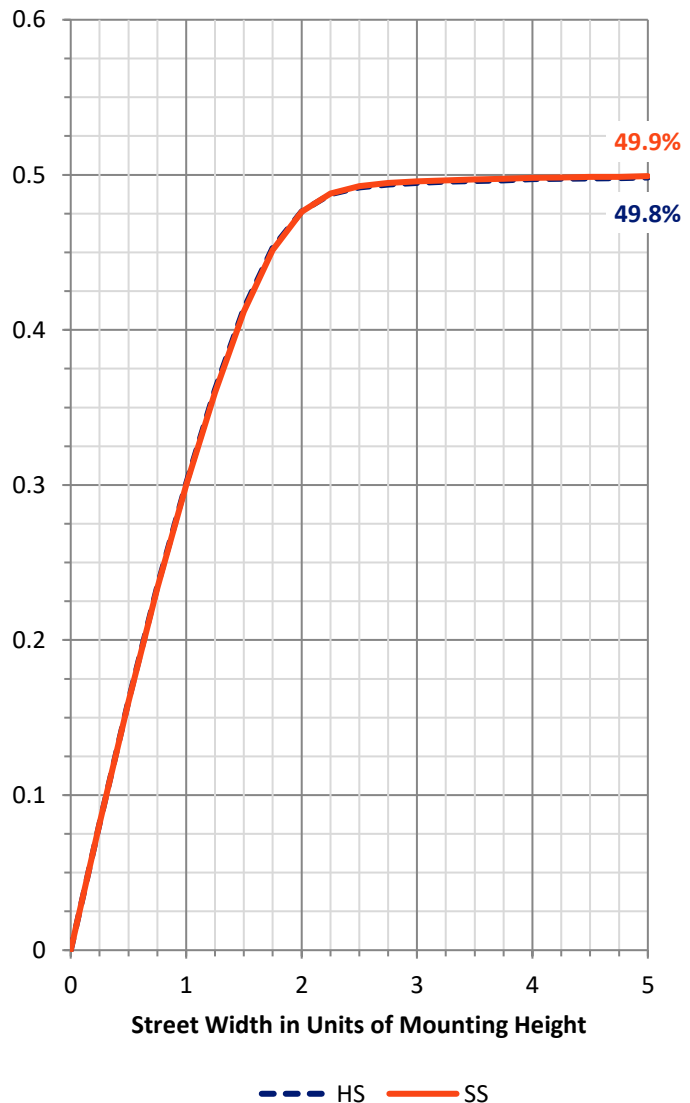
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2642.3	0.0	2642.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2642.3	0.0	2642.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	5284.6	0.0	5284.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.2	1.1
10°-20°	196.5	3.7
20°-30°	372.6	7.1
30°-40°	624.9	11.8
40°-50°	988.8	18.7
50°-60°	1553.5	29.4
60°-70°	1312.6	24.8
70°-80°	152.8	2.9
80°-90°	22.8	0.4
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°	5284.6	100.0
0°-180°	5284.6	100.0



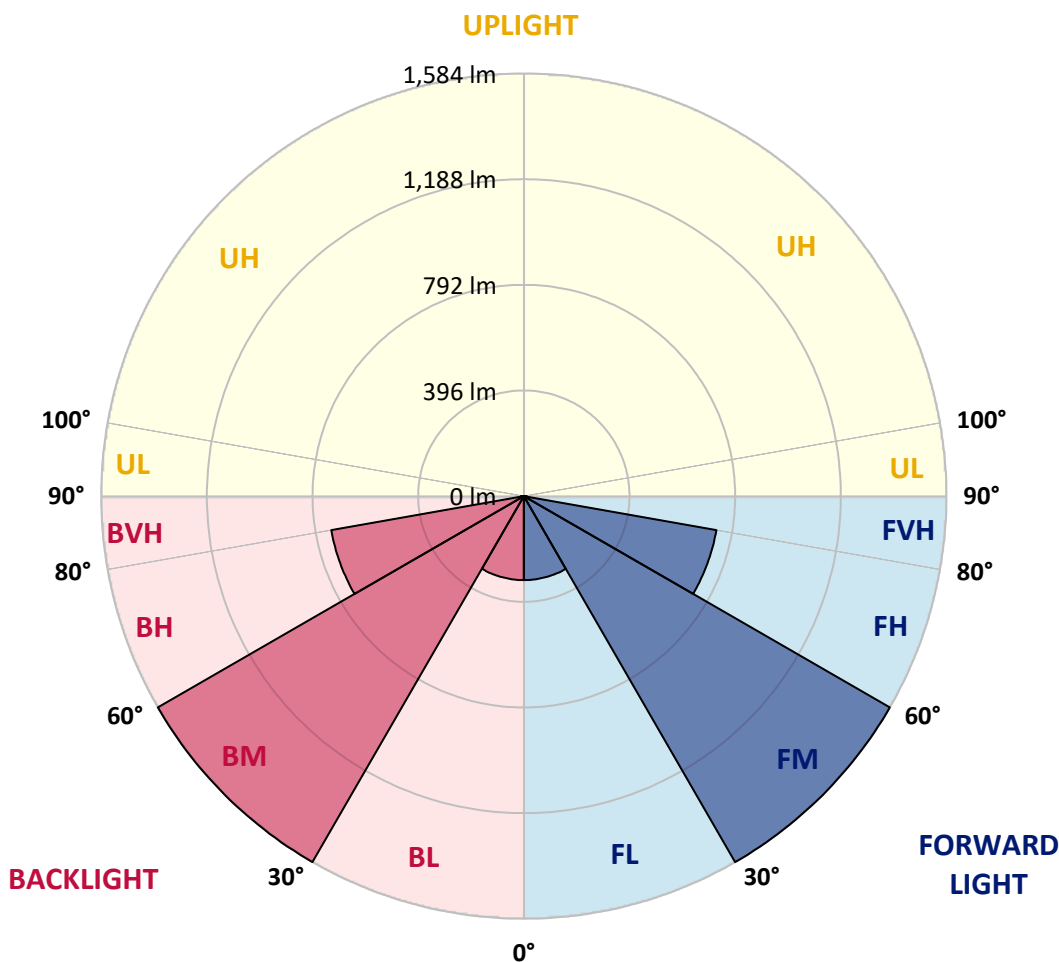
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	314.6	6.0			
FM (30°-60°)	1583.6	30.0			
FH (60°-80°)	732.7	13.9			G1/1800
FVH (80°-90°)	11.4	0.2			G1/100
BL (0°-30°)	314.6	6.0	B1/500		
BM (30°-60°)	1583.6	30.0	B2/2500		
BH (60°-80°)	732.7	13.9	B2/1000		G1/1800
BVH (80°-90°)	11.4	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	607.6	607.6	607.6	607.6	607.6	607.6	607.6	607.6	607.6	607.6	607.6
2.5°	611.0	609.1	611.0	611.0	609.9	610.2	608.8	608.4	610.2	608.8	608.4
5°	623.6	622.1	623.6	622.5	620.6	621.0	618.8	618.0	620.3	618.0	618.4
7.5°	638.1	635.5	636.2	637.3	635.5	635.5	633.6	632.5	633.6	631.4	632.9
10°	650.3	648.1	649.2	650.7	650.3	651.5	649.6	648.9	647.7	645.1	647.4
12.5°	666.3	665.6	667.1	668.9	668.2	669.7	665.6	664.5	664.1	661.1	663.7
15°	687.1	685.3	687.9	690.1	689.0	691.6	688.2	686.7	684.9	681.2	683.4
17.5°	707.9	706.4	710.1	711.3	711.6	713.9	711.3	709.0	708.3	705.7	704.2
20°	732.8	730.9	733.9	736.1	734.3	736.9	735.8	734.3	733.5	729.5	729.1
22.5°	760.7	758.1	762.5	765.1	762.5	765.1	762.9	762.5	762.9	756.9	757.7
25°	791.9	792.2	796.7	798.5	797.1	798.5	795.2	797.4	796.3	790.0	787.8
27.5°	832.0	830.5	835.3	840.9	837.2	837.2	835.7	837.9	837.5	831.6	830.1
30°	878.8	878.4	885.5	888.8	883.6	881.4	881.0	886.6	886.9	880.6	878.0
32.5°	927.8	927.8	936.3	940.4	933.0	931.5	930.0	937.5	936.3	927.8	922.2
35°	981.7	979.4	990.9	996.9	989.5	985.0	984.3	990.9	989.5	977.6	970.9
37.5°	1034.8	1036.3	1049.6	1056.3	1047.4	1041.8	1043.7	1048.1	1048.5	1035.5	1028.5
40°	1099.8	1100.1	1116.8	1122.0	1110.5	1102.0	1104.6	1114.6	1113.9	1097.9	1089.0
42.5°	1172.6	1171.1	1191.9	1196.3	1180.7	1164.4	1172.2	1187.8	1191.5	1173.7	1164.4
45°	1250.6	1252.8	1274.3	1279.2	1254.6	1233.8	1250.6	1274.0	1278.8	1259.5	1248.0
47.5°	1345.3	1347.9	1373.9	1375.7	1347.9	1320.8	1343.0	1373.5	1375.4	1348.6	1335.2
50°	1453.4	1462.3	1491.2	1494.9	1467.5	1432.6	1464.5	1491.6	1484.5	1448.9	1436.6
52.5°	1575.9	1583.0	1628.3	1643.9	1619.7	1582.2	1607.9	1624.6	1601.9	1555.1	1536.2
55°	1680.3	1692.2	1752.3	1799.9	1818.1	1789.9	1786.9	1762.4	1699.2	1627.9	1608.2
57.5°	1709.6	1721.1	1814.4	1936.9	2045.0	2059.1	1993.8	1870.8	1734.9	1624.9	1604.9
60°	1590.4	1606.0	1742.3	1974.4	2284.6	2412.3	2176.1	1880.1	1642.4	1494.9	1469.7
62.5°	1249.1	1278.0	1454.1	1818.1	2381.1	2734.0	2251.2	1720.0	1363.5	1189.3	1155.8
65°	679.3	704.2	898.5	1354.9	2185.4	2802.7	2067.3	1309.6	891.8	716.8	698.6
67.5°	254.8	273.0	362.1	669.7	1545.1	2396.0	1569.2	749.9	404.8	290.4	264.8
70°	108.5	110.7	131.1	233.2	702.3	1558.8	803.4	254.8	135.2	109.2	106.2
72.5°	78.0	78.4	83.9	103.3	213.9	683.8	242.9	107.0	82.5	74.3	74.3
75°	62.4	62.8	66.1	74.7	101.0	201.3	104.7	75.0	63.9	58.3	57.6
77.5°	49.0	49.8	53.1	58.3	67.6	92.1	70.9	59.1	51.3	46.1	45.3
80°	36.4	37.5	42.0	44.6	47.5	61.3	51.6	46.1	40.9	35.3	34.2
82.5°	24.1	25.3	31.2	33.1	32.7	38.6	35.7	35.3	31.2	23.4	22.3
85°	14.5	15.2	20.1	21.5	20.1	18.9	22.7	24.5	21.9	15.2	14.1
87.5°	6.3	6.3	8.9	9.3	8.9	7.1	10.8	12.6	13.0	7.8	7.1
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)