

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: P672522

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672522
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-730-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

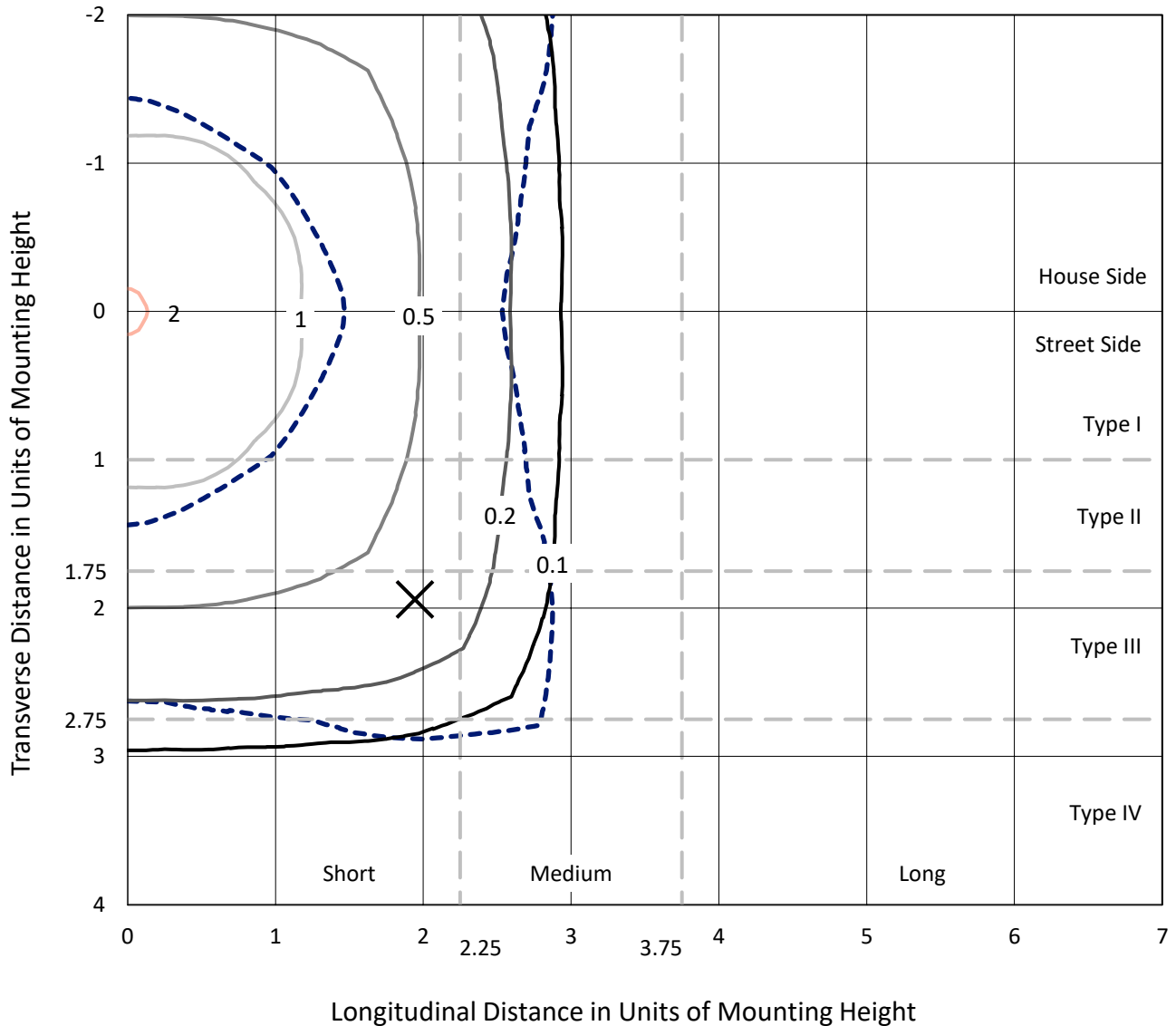
Lumens per Lamp: N/A
Luminaire Lumens: 4249.8 lumens
Efficiency: N/A
Efficacy: 132.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 32
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: P672522
 CATALOG NUMBER: CCP-SA-1C-730-U-5MQ

Iso-Footcandle Lines of Horizontal Illumination

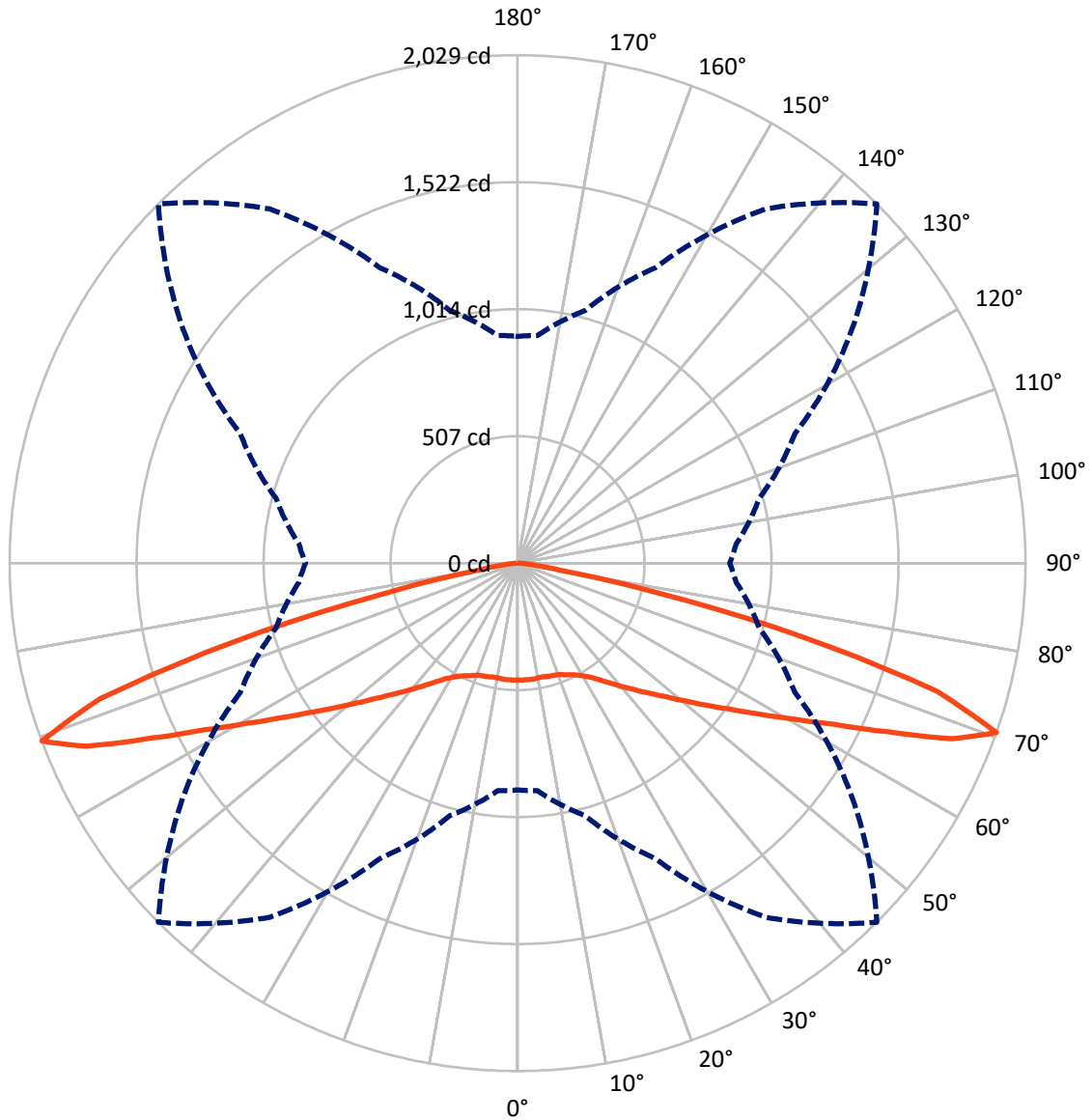
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 fc
 Type V - Short - N/A

REPORT NUMBER: P672522
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Luminous Intensity Polar Plot



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

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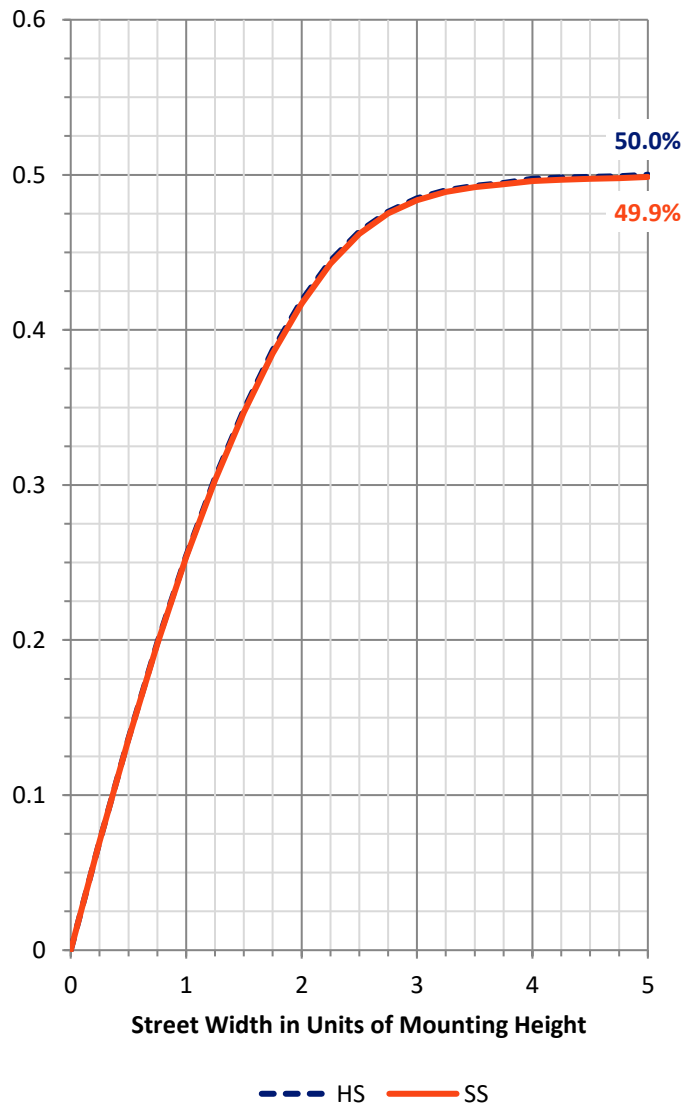
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2124.9	0.0	2124.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2124.9	0.0	2124.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	4249.8	0.0	4249.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.5	1.0
10°-20°	131.6	3.1
20°-30°	224.7	5.3
30°-40°	358.5	8.4
40°-50°	578.6	13.6
50°-60°	926.5	21.8
60°-70°	1356.3	31.9
70°-80°	596.5	14.0
80°-90°	32.7	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°	4249.8	100.0
0°-180°	4249.8	100.0



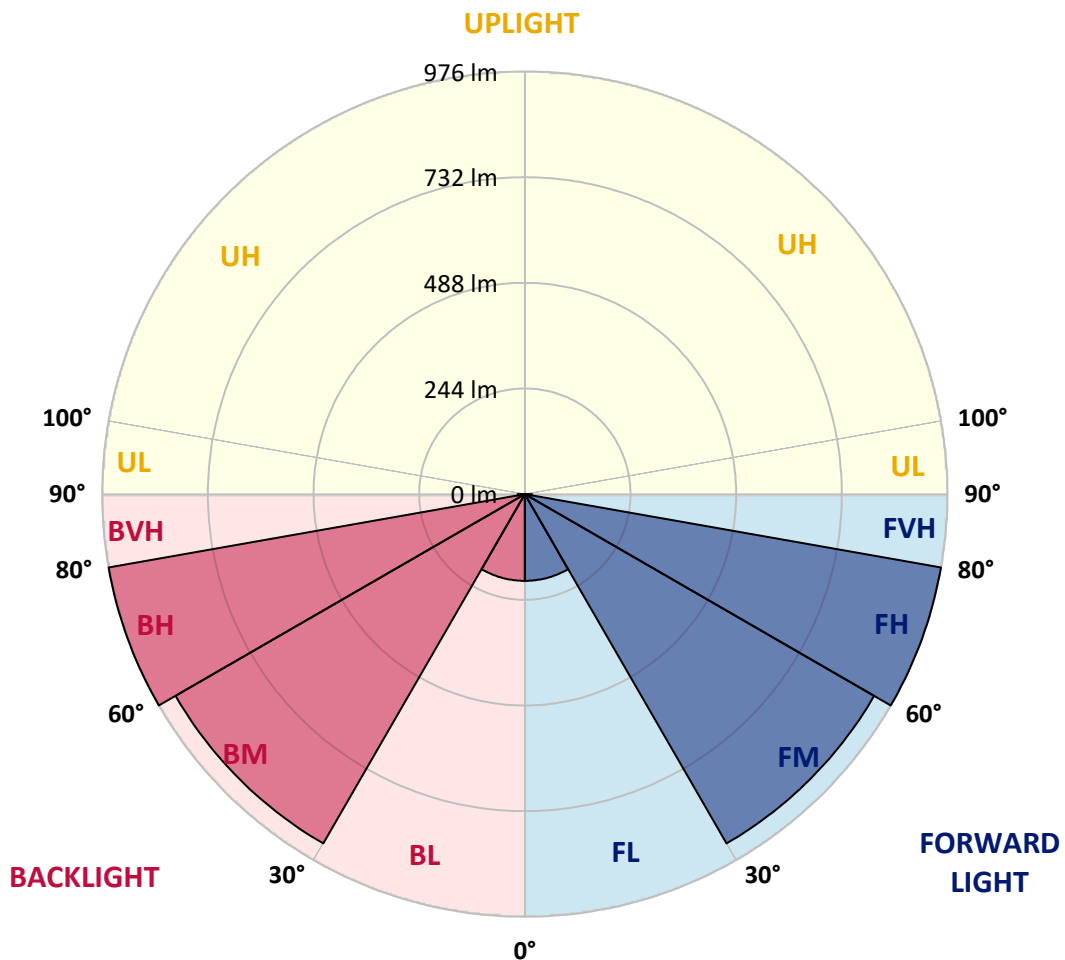
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	200.4	4.7			
FM (30°-60°)	931.8	21.9			
FH (60°-80°)	976.4	23.0			G1/1800
FVH (80°-90°)	16.3	0.4			G1/100
BL (0°-30°)	200.4	4.7	B1/500		
BM (30°-60°)	931.8	21.9	B1/1000		
BH (60°-80°)	976.4	23.0	B2/1000		G1/1800
BVH (80°-90°)	16.3	0.4			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°	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3	467.3
2.5°	466.7	466.4	467.0	467.3	466.7	467.0	465.2	465.2	466.1	465.2	466.4
5°	468.8	468.2	468.8	468.8	467.3	467.3	465.2	464.6	465.2	463.7	464.9
7.5°	469.1	467.9	468.8	468.5	467.3	467.3	464.3	463.1	463.4	461.9	462.8
10°	466.1	465.5	466.7	466.1	465.2	465.2	462.8	461.0	461.0	459.5	460.4
12.5°	464.3	463.7	465.2	465.5	464.9	465.2	462.2	459.8	458.9	457.1	457.7
15°	464.3	463.1	465.5	466.1	466.7	468.8	464.3	460.1	458.3	455.9	456.5
17.5°	464.0	463.4	466.1	468.2	468.8	471.3	466.1	461.6	459.5	455.9	456.5
20°	464.0	463.7	467.0	471.0	472.8	474.9	469.4	465.2	461.6	457.7	457.7
22.5°	465.5	465.2	469.7	475.5	480.6	484.2	477.9	471.0	466.1	461.0	460.4
25°	471.9	471.3	476.7	483.6	490.5	494.1	487.8	480.9	474.0	468.2	467.6
27.5°	484.8	484.5	489.9	498.4	503.2	505.9	500.5	494.4	487.5	480.9	480.6
30°	502.3	502.3	509.2	517.9	520.6	522.7	517.3	513.1	505.9	498.7	498.1
32.5°	523.3	524.6	532.7	542.3	544.1	545.3	539.6	536.9	529.1	521.2	520.0
35°	551.1	551.4	561.3	570.9	573.3	574.5	567.9	565.5	558.3	549.8	548.0
37.5°	586.3	585.4	594.7	605.6	608.0	609.5	604.0	602.2	593.2	584.8	582.1
40°	625.7	626.3	636.9	647.1	648.6	649.2	646.5	643.8	635.4	625.7	622.4
42.5°	671.5	671.5	683.8	695.9	695.9	692.9	691.7	691.1	682.9	672.1	668.5
45°	723.9	724.5	739.9	748.9	749.5	741.4	742.6	746.2	738.3	724.5	719.7
47.5°	781.4	782.3	800.4	810.3	808.5	798.0	804.6	806.4	797.4	779.6	773.3
50°	841.9	844.6	864.8	882.3	879.9	864.5	873.3	873.9	859.1	838.6	829.9
52.5°	907.3	913.6	940.4	959.1	961.5	942.2	949.7	949.1	930.2	902.2	896.4
55°	988.3	991.9	1018.4	1044.9	1053.9	1030.1	1038.6	1034.4	1008.8	976.8	967.2
57.5°	1069.3	1074.7	1108.7	1138.5	1156.6	1136.4	1138.2	1127.4	1095.2	1056.6	1051.8
60°	1165.3	1167.7	1205.4	1244.2	1275.5	1263.5	1255.1	1232.5	1194.5	1156.0	1149.1
62.5°	1243.9	1248.7	1304.8	1362.0	1415.0	1417.1	1391.5	1357.8	1297.2	1232.8	1218.9
65°	1265.6	1273.4	1352.0	1465.0	1575.2	1624.2	1554.1	1451.1	1315.9	1218.6	1197.9
67.5°	1164.7	1179.8	1292.1	1479.7	1724.2	1871.5	1683.6	1406.8	1218.0	1104.5	1084.6
70°	905.8	912.4	1044.3	1301.7	1726.6	2028.7	1631.5	1221.6	998.5	876.6	847.4
72.5°	481.2	484.5	603.4	876.6	1405.0	1752.5	1348.1	854.9	587.8	477.0	443.6
75°	155.4	159.6	207.8	358.9	775.1	1177.7	795.0	355.6	202.7	163.5	154.8
77.5°	79.2	78.9	87.6	115.6	260.8	577.2	275.8	124.7	87.6	78.6	76.2
80°	49.4	48.5	55.1	63.2	91.2	168.6	99.1	69.9	55.4	47.6	47.3
82.5°	28.0	28.0	37.0	40.7	51.5	69.6	57.8	47.9	37.9	28.3	27.4
85°	15.7	13.9	23.2	25.6	29.5	34.3	35.2	31.0	25.6	15.7	16.3
87.5°	5.7	6.3	10.8	10.2	11.7	8.1	14.5	16.3	14.5	7.5	6.3
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)