

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: P672688

Luminaire Tested: **CCP-SA-1C-740-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672688
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-740-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4704.9 lumens
Efficiency: N/A
Efficacy: 147.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

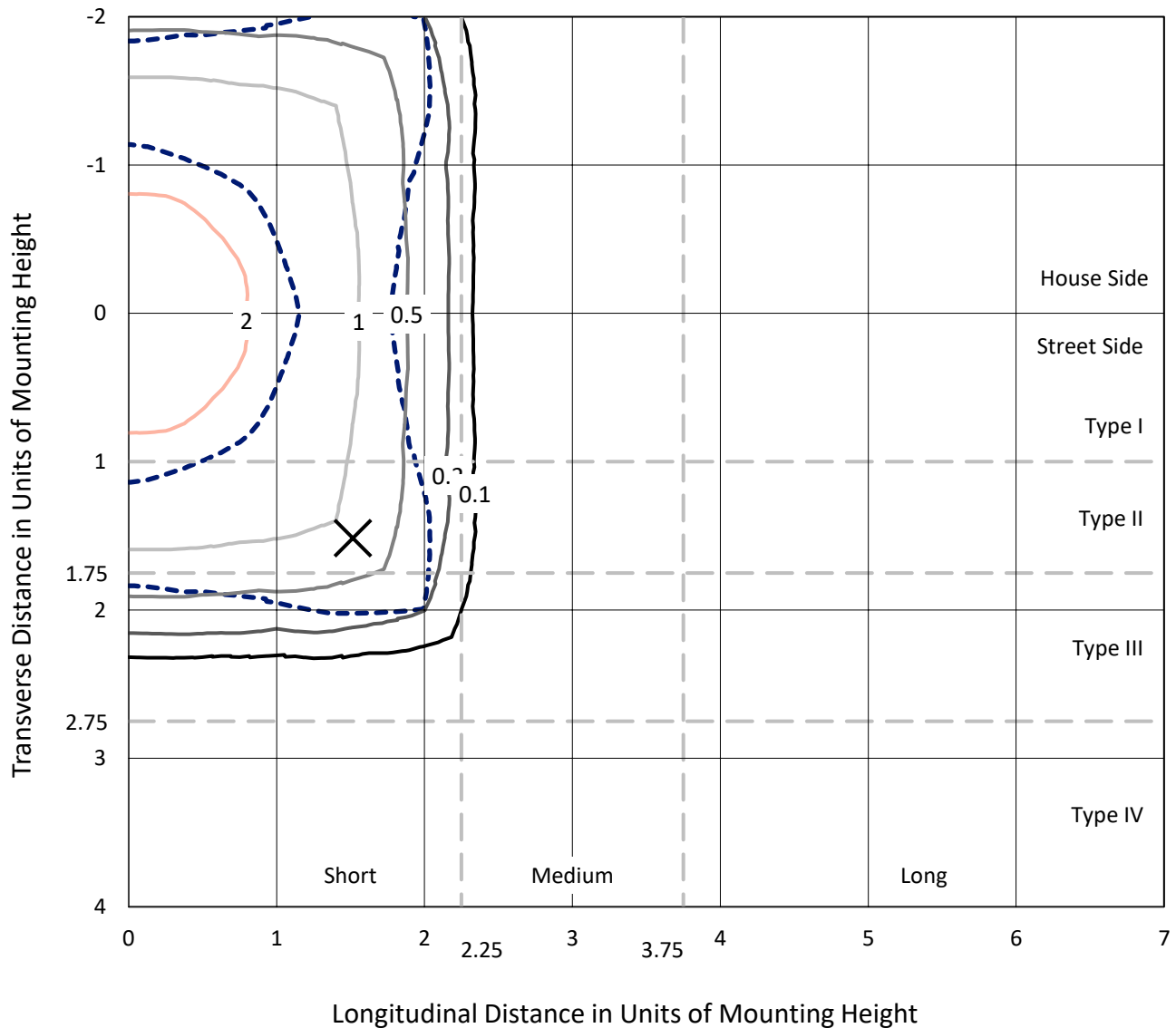
Input Watts (W): 32
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

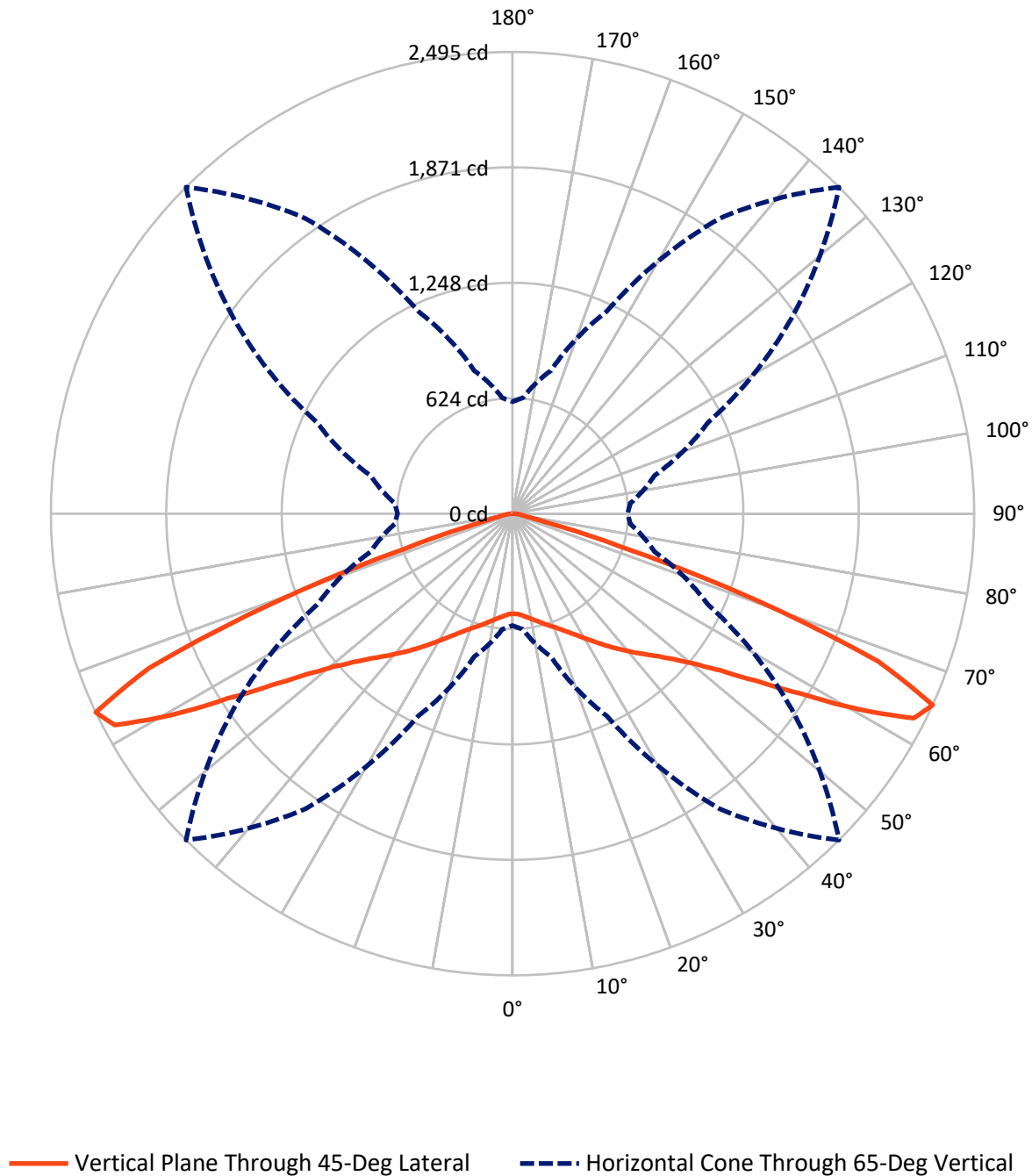
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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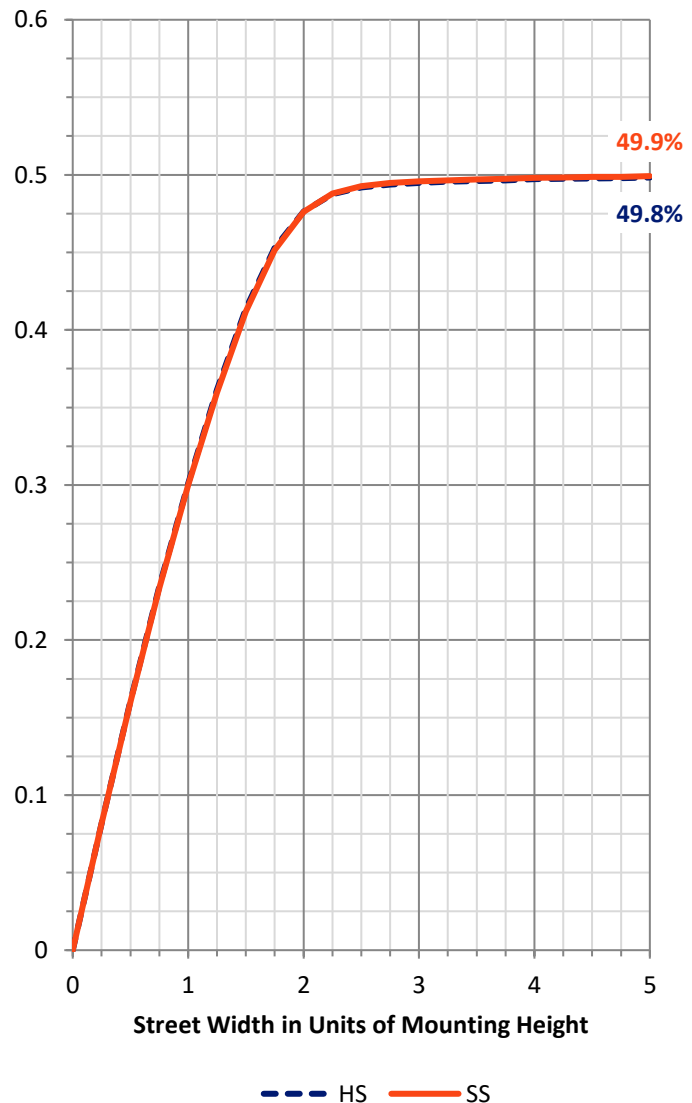
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2352.5	0.0	2352.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2352.5	0.0	2352.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4704.9	0.0	4704.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.6	1.1
10°-20°	174.9	3.7
20°-30°	331.7	7.1
30°-40°	556.3	11.8
40°-50°	880.4	18.7
50°-60°	1383.1	29.4
60°-70°	1168.6	24.8
70°-80°	136.1	2.9
80°-90°	20.3	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°	4704.9	100.0
0°-180°	4704.9	100.0



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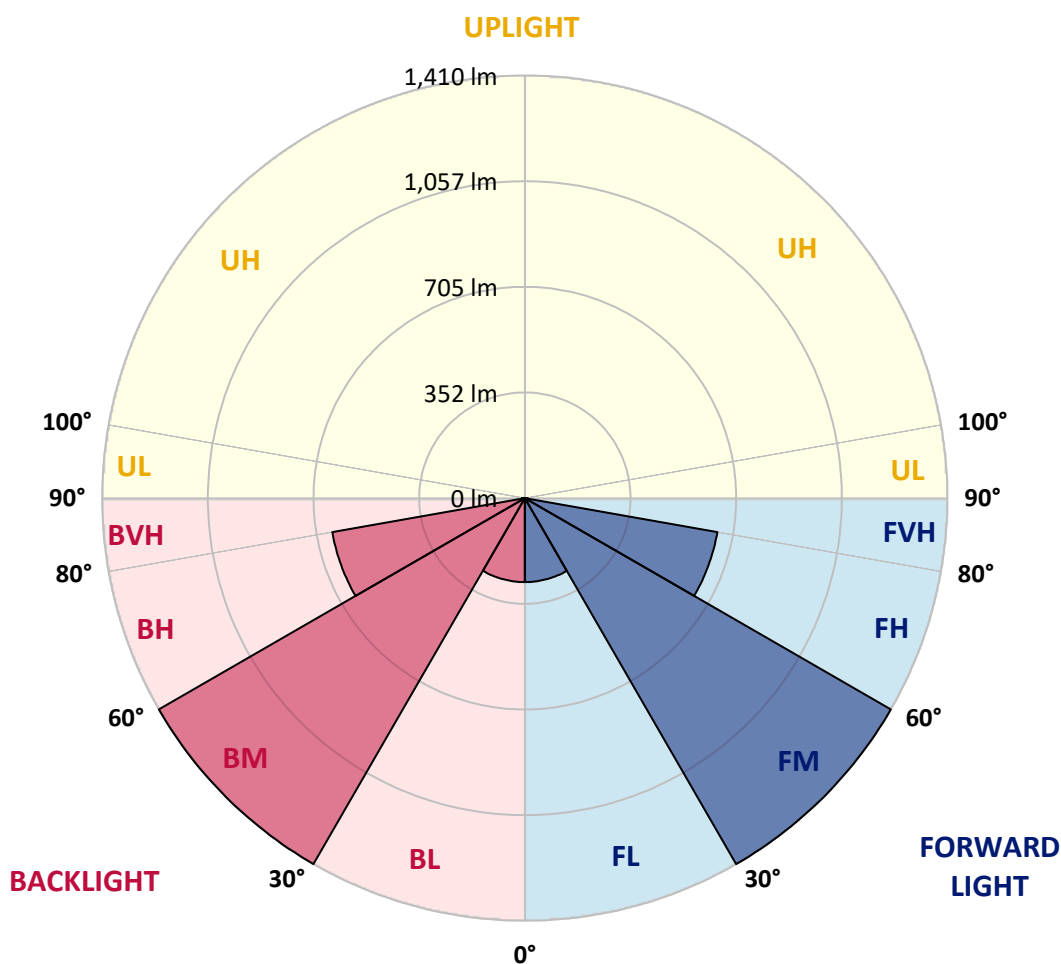
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	280.1	6.0			
FM	(30°-60°)	1409.9	30.0			
FH	(60°-80°)	652.3	13.9			G0/660
FVH	(80°-90°)	10.1	0.2			G1/100
BL	(0°-30°)	280.1	6.0	B1/500		
BM	(30°-60°)	1409.9	30.0	B2/2500		
BH	(60°-80°)	652.3	13.9	B2/1000		G0/660
BVH	(80°-90°)	10.1	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°	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0
2.5°	544.0	542.3	544.0	544.0	543.0	543.3	542.0	541.6	543.3	542.0	541.6
5°	555.2	553.9	555.2	554.2	552.6	552.9	550.9	550.2	552.2	550.2	550.6
7.5°	568.1	565.8	566.4	567.4	565.8	565.8	564.1	563.1	564.1	562.1	563.5
10°	579.0	577.0	578.0	579.3	579.0	580.0	578.3	577.7	576.7	574.4	576.4
12.5°	593.2	592.6	593.9	595.5	594.9	596.2	592.6	591.6	591.2	588.6	590.9
15°	611.7	610.1	612.4	614.4	613.4	615.7	612.7	611.4	609.8	606.5	608.4
17.5°	630.3	628.9	632.2	633.2	633.6	635.6	633.2	631.3	630.6	628.3	627.0
20°	652.4	650.8	653.4	655.4	653.7	656.1	655.1	653.7	653.1	649.4	649.1
22.5°	677.2	674.9	678.9	681.2	678.9	681.2	679.2	678.9	679.2	673.9	674.6
25°	705.0	705.3	709.3	710.9	709.6	710.9	708.0	710.0	709.0	703.3	701.4
27.5°	740.7	739.4	743.7	748.6	745.3	745.3	744.0	746.0	745.7	740.4	739.1
30°	782.4	782.0	788.3	791.3	786.7	784.7	784.4	789.3	789.6	784.0	781.7
32.5°	826.0	826.0	833.6	837.3	830.7	829.3	828.0	834.6	833.6	826.0	821.1
35°	874.0	872.0	882.2	887.5	880.9	876.9	876.3	882.2	880.9	870.3	864.4
37.5°	921.3	922.6	934.5	940.4	932.5	927.5	929.2	933.2	933.5	921.9	915.6
40°	979.1	979.5	994.3	999.0	988.7	981.1	983.4	992.4	991.7	977.5	969.5
42.5°	1043.9	1042.6	1061.1	1065.1	1051.2	1036.7	1043.6	1057.5	1060.8	1044.9	1036.7
45°	1113.4	1115.4	1134.5	1138.8	1117.0	1098.5	1113.4	1134.2	1138.5	1121.3	1111.1
47.5°	1197.7	1200.0	1223.2	1224.8	1200.0	1175.9	1195.7	1222.8	1224.5	1200.7	1188.8
50°	1293.9	1301.9	1327.7	1331.0	1306.5	1275.4	1303.8	1328.0	1321.7	1290.0	1279.0
52.5°	1403.1	1409.3	1449.7	1463.6	1442.1	1408.7	1431.5	1446.4	1426.2	1384.5	1367.7
55°	1496.0	1506.6	1560.1	1602.4	1618.7	1593.5	1590.9	1569.0	1512.8	1449.3	1431.8
57.5°	1522.1	1532.3	1615.3	1724.5	1820.7	1833.3	1775.1	1665.6	1544.6	1446.7	1428.8
60°	1415.9	1429.8	1551.2	1757.9	2034.0	2147.7	1937.4	1673.9	1462.2	1331.0	1308.5
62.5°	1112.1	1137.8	1294.6	1618.7	2120.0	2434.1	2004.2	1531.4	1213.9	1058.8	1029.1
65°	604.8	627.0	799.9	1206.3	1945.7	2495.3	1840.5	1166.0	793.9	638.2	622.0
67.5°	226.8	243.0	322.4	596.2	1375.6	2133.2	1397.1	667.6	360.4	258.6	235.8
70°	96.6	98.5	116.7	207.7	625.3	1387.8	715.2	226.8	120.4	97.2	94.6
72.5°	69.4	69.8	74.7	91.9	190.5	608.8	216.3	95.2	73.4	66.1	66.1
75°	55.6	55.9	58.9	66.5	89.9	179.2	93.3	66.8	56.9	51.9	51.3
77.5°	43.6	44.3	47.3	51.9	60.2	82.0	63.2	52.6	45.6	41.0	40.3
80°	32.4	33.4	37.4	39.7	42.3	54.6	46.0	41.0	36.4	31.4	30.4
82.5°	21.5	22.5	27.8	29.4	29.1	34.4	31.7	31.4	27.8	20.8	19.8
85°	12.9	13.6	17.9	19.2	17.9	16.9	20.2	21.8	19.5	13.6	12.6
87.5°	5.6	5.6	7.9	8.3	7.9	6.3	9.6	11.2	11.6	6.9	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)