

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: P672645

Luminaire Tested: **CCP-SA-1D-722-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672645
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-722-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5NQ
distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4274.8 lumens
Efficiency: N/A
Efficacy: 97.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

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

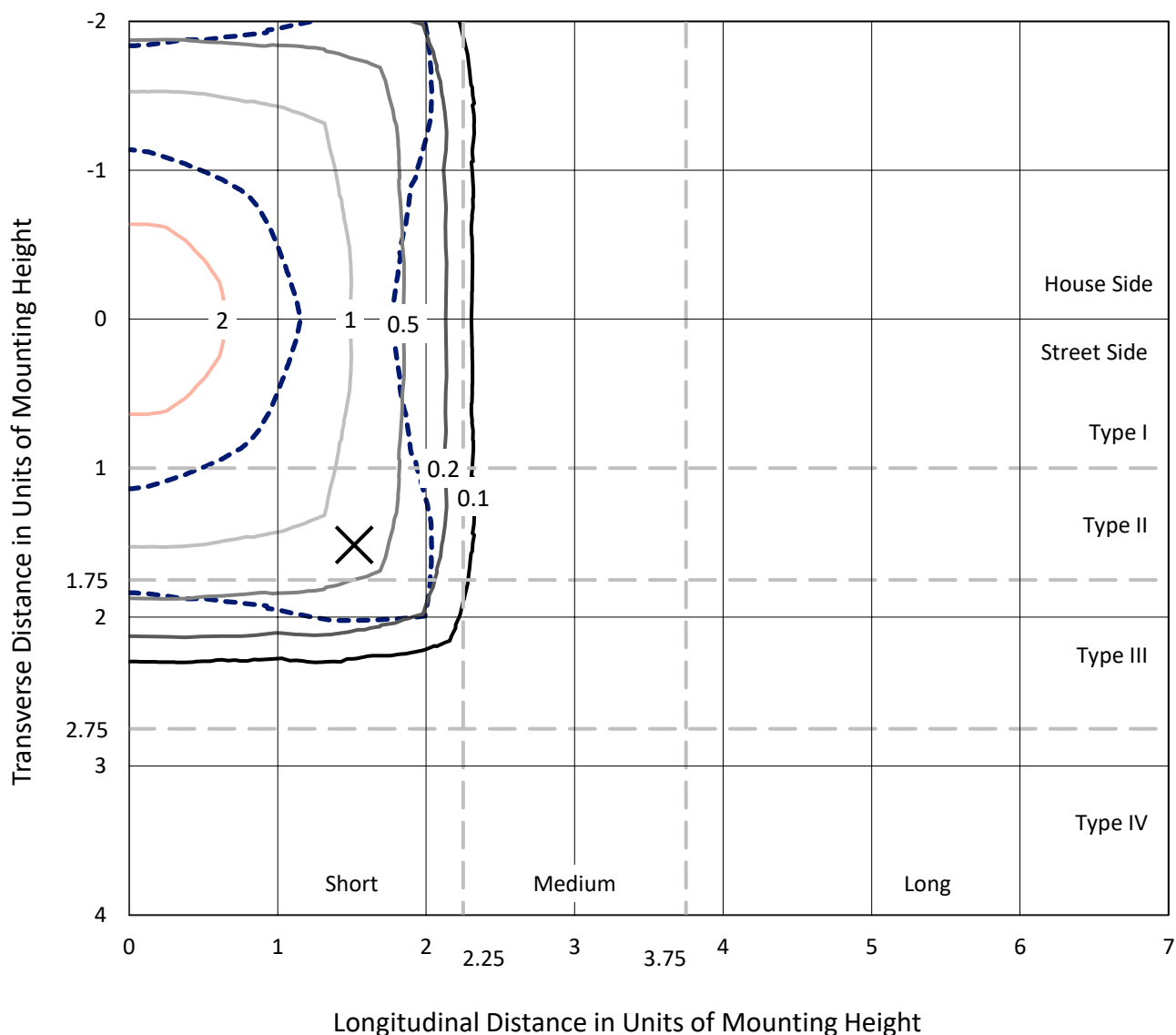
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

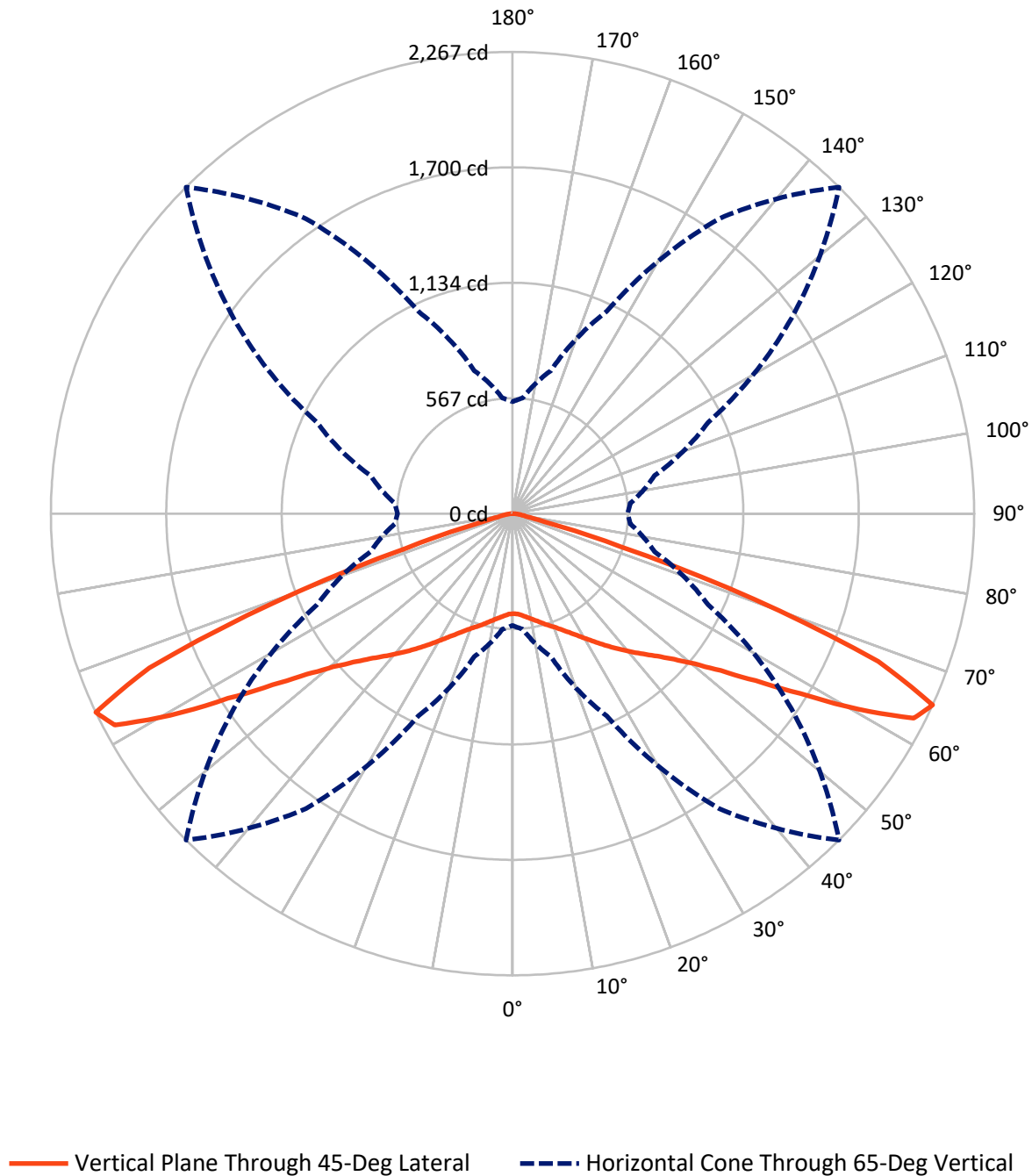


Based on 15 foot mounting height. Maximum calculated value = 2.2 fc

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	2137.4	0.0	2137.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2137.4	0.0	2137.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	4274.8	0.0	4274.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.7	1.1
10°-20°	158.9	3.7
20°-30°	301.4	7.1
30°-40°	505.5	11.8
40°-50°	799.9	18.7
50°-60°	1256.6	29.4
60°-70°	1061.8	24.8
70°-80°	123.6	2.9
80°-90°	18.4	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°	4274.8	100.0
0°-180°	4274.8	100.0

Coefficient of Utilization



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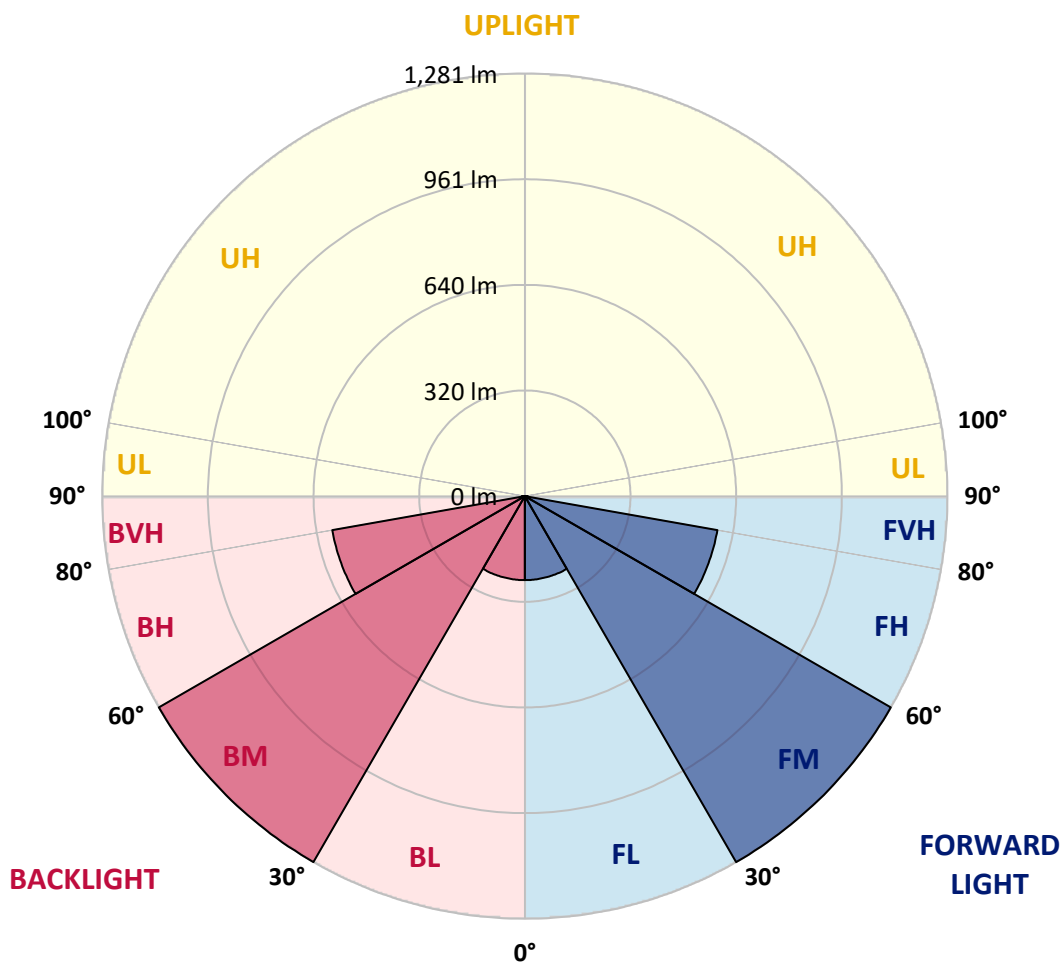
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	254.5	6.0			
FM	(30°-60°)	1281.0	30.0			
FH	(60°-80°)	592.7	13.9			G0/660
FVH	(80°-90°)	9.2	0.2			G0/10
BL	(0°-30°)	254.5	6.0	B1/500		
BM	(30°-60°)	1281.0	30.0	B2/2500		
BH	(60°-80°)	592.7	13.9	B2/1000		G0/660
BVH	(80°-90°)	9.2	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	491.5	491.5	491.5	491.5	491.5	491.5	491.5	491.5	491.5	491.5	491.5
2.5°	494.2	492.7	494.2	494.2	493.3	493.6	492.4	492.1	493.6	492.4	492.1
5°	504.4	503.2	504.4	503.5	502.0	502.3	500.5	499.9	501.7	499.9	500.2
7.5°	516.2	514.1	514.7	515.6	514.1	514.1	512.6	511.7	512.6	510.8	512.0
10°	526.1	524.3	525.2	526.4	526.1	527.0	525.5	524.9	524.0	521.9	523.7
12.5°	539.0	538.4	539.6	541.1	540.5	541.7	538.4	537.5	537.2	534.8	536.9
15°	555.8	554.3	556.4	558.2	557.3	559.4	556.7	555.5	554.0	551.0	552.8
17.5°	572.6	571.4	574.5	575.4	575.7	577.5	575.4	573.5	572.9	570.8	569.6
20°	592.8	591.3	593.7	595.5	594.0	596.1	595.2	594.0	593.4	590.1	589.8
22.5°	615.3	613.2	616.8	618.9	616.8	618.9	617.1	616.8	617.1	612.3	612.9
25°	640.5	640.8	644.5	646.0	644.8	646.0	643.3	645.1	644.2	639.0	637.2
27.5°	673.0	671.8	675.7	680.2	677.2	677.2	676.0	677.8	677.5	672.7	671.5
30°	710.9	710.6	716.3	719.0	714.8	713.0	712.7	717.2	717.5	712.4	710.3
32.5°	750.5	750.5	757.4	760.7	754.7	753.5	752.3	758.3	757.4	750.5	746.0
35°	794.1	792.3	801.6	806.4	800.4	796.8	796.2	801.6	800.4	790.8	785.4
37.5°	837.0	838.2	849.1	854.5	847.3	842.7	844.2	847.9	848.2	837.6	831.9
40°	889.6	889.9	903.4	907.6	898.3	891.4	893.5	901.6	901.0	888.1	880.9
42.5°	948.5	947.3	964.1	967.7	955.1	941.9	948.2	960.8	963.8	949.4	941.9
45°	1011.6	1013.4	1030.8	1034.7	1014.9	998.1	1011.6	1030.5	1034.4	1018.8	1009.5
47.5°	1088.2	1090.3	1111.3	1112.8	1090.3	1068.4	1086.4	1111.0	1112.5	1090.9	1080.1
50°	1175.6	1182.9	1206.3	1209.3	1187.1	1158.8	1184.7	1206.6	1200.9	1172.0	1162.1
52.5°	1274.8	1280.5	1317.1	1329.8	1310.2	1279.9	1300.6	1314.1	1295.8	1258.0	1242.6
55°	1359.2	1368.8	1417.5	1456.0	1470.7	1447.8	1445.4	1425.6	1374.5	1316.8	1300.9
57.5°	1382.9	1392.3	1467.7	1566.8	1654.2	1665.7	1612.8	1513.3	1403.4	1314.4	1298.2
60°	1286.5	1299.1	1409.4	1597.2	1848.0	1951.4	1760.3	1520.9	1328.6	1209.3	1188.9
62.5°	1010.4	1033.8	1176.2	1470.7	1926.2	2211.6	1821.0	1391.4	1102.9	962.0	935.0
65°	549.5	569.6	726.8	1096.0	1767.8	2267.2	1672.3	1059.4	721.4	579.9	565.1
67.5°	206.1	220.8	292.9	541.7	1249.8	1938.2	1269.4	606.6	327.5	234.9	214.2
70°	87.7	89.5	106.1	188.7	568.1	1261.0	649.9	206.1	109.4	88.3	85.9
72.5°	63.1	63.4	67.9	83.5	173.1	553.1	196.5	86.5	66.7	60.1	60.1
75°	50.5	50.8	53.5	60.4	81.7	162.8	84.7	60.7	51.7	47.2	46.6
77.5°	39.7	40.3	43.0	47.2	54.7	74.5	57.4	47.8	41.5	37.3	36.7
80°	29.4	30.3	34.0	36.1	38.5	49.6	41.8	37.3	33.0	28.5	27.6
82.5°	19.5	20.4	25.2	26.7	26.4	31.2	28.8	28.5	25.2	18.9	18.0
85°	11.7	12.3	16.2	17.4	16.2	15.3	18.3	19.8	17.7	12.3	11.4
87.5°	5.1	5.1	7.2	7.5	7.2	5.7	8.7	10.2	10.5	6.3	5.7
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)