

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: P672358

Luminaire Tested: **CCP-SA-1E-722-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672358
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-722-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5WQ
distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5278.4 lumens
Efficiency: N/A
Efficacy: 94.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

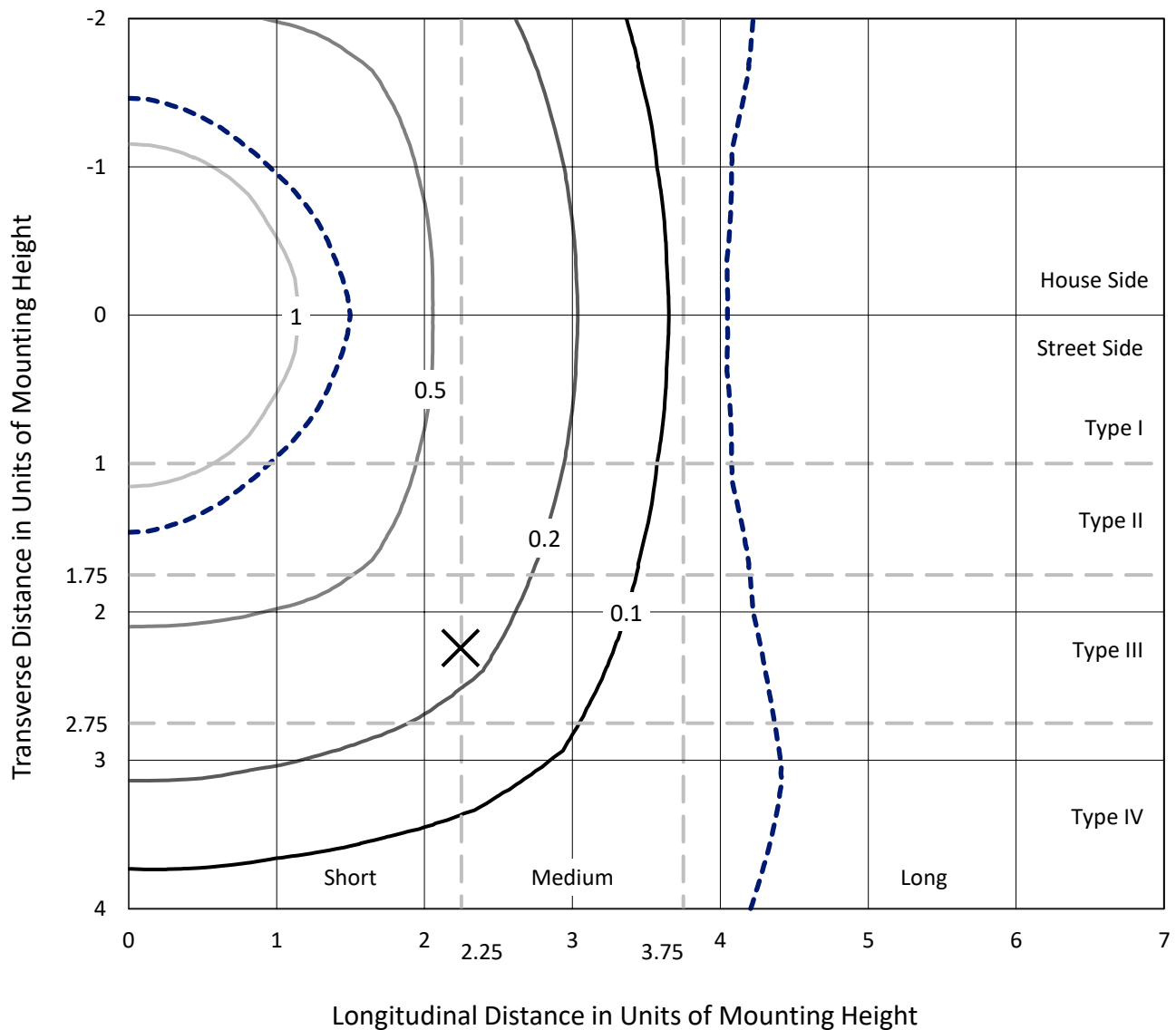
Input Watts (W): 56.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672358

CATALOG NUMBER: CCP-SA-1E-722-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination

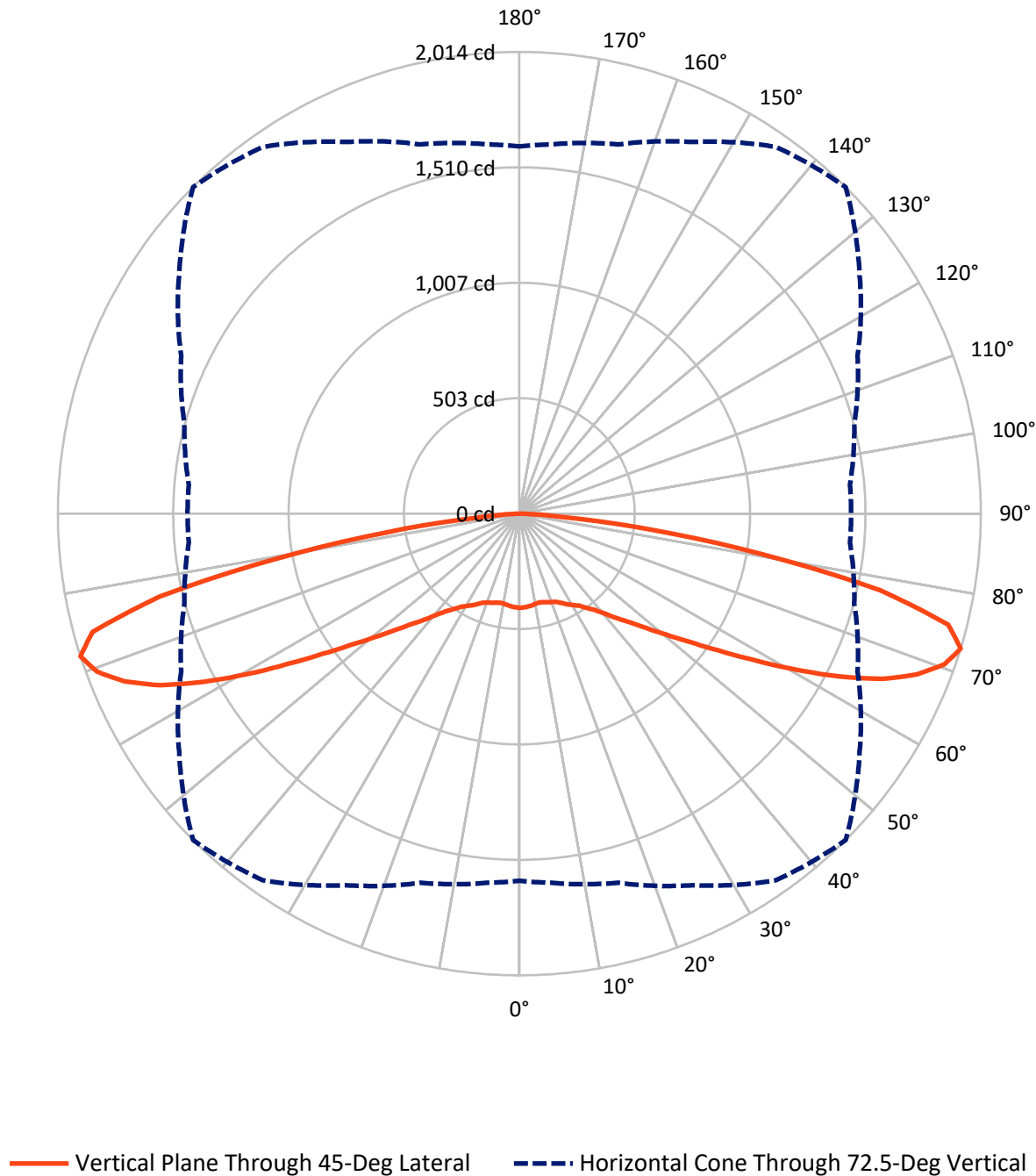
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.8 fc
Type V - Short - N/A

REPORT NUMBER: P672358
CATALOG NUMBER: CCP-SA-1E-722-U-5WQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672358

CATALOG NUMBER: CCP-SA-1E-722-U-5WQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2639.2	0.0	2639.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2639.2	0.0	2639.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	5278.4	0.0	5278.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.6	0.7
10°-20°	114.7	2.2
20°-30°	201.4	3.8
30°-40°	321.3	6.1
40°-50°	537.3	10.2
50°-60°	919.4	17.4
60°-70°	1517.7	28.8
70°-80°	1454.7	27.6
80°-90°	173.5	3.3
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°	5278.4	100.0
0°-180°	5278.4	100.0



REPORT NUMBER: P672358

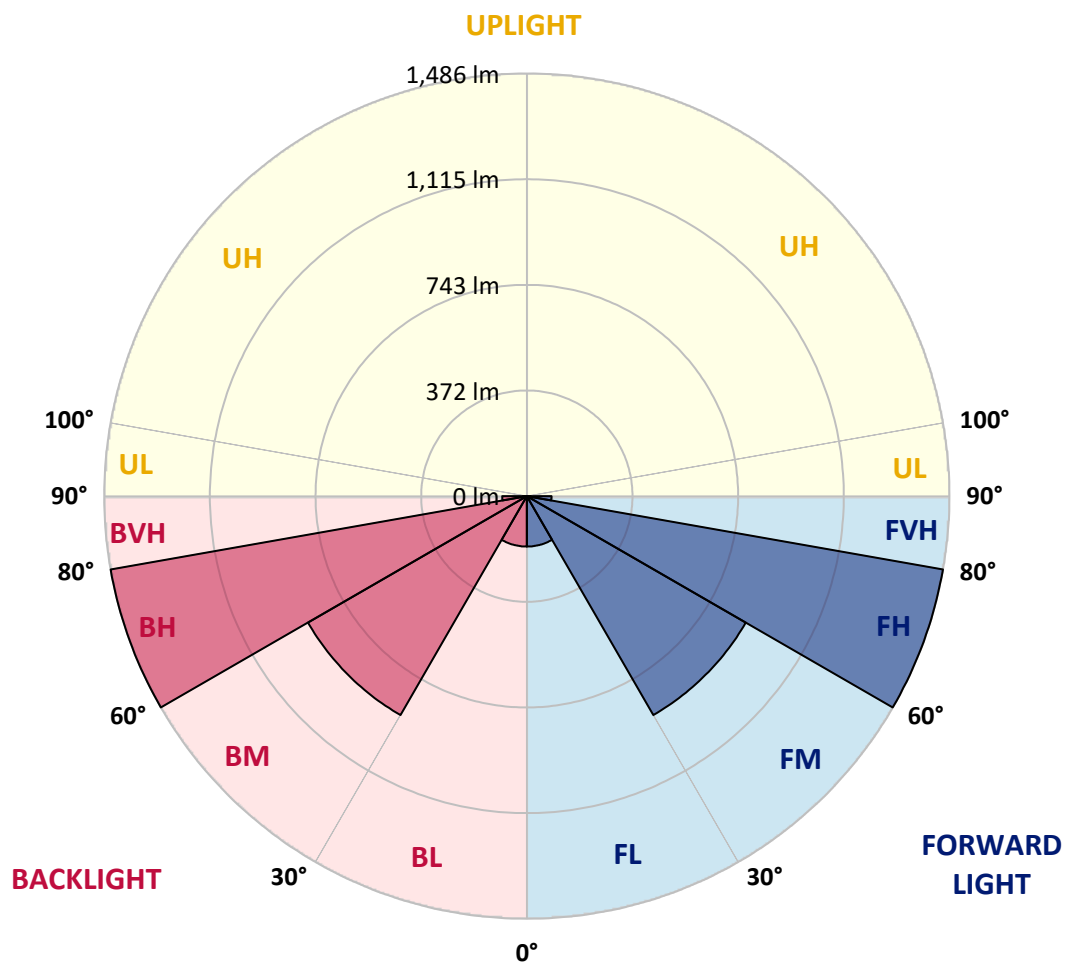
CATALOG NUMBER: CCP-SA-1E-722-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	177.3	3.4			
FM	(30°-60°)	889.0	16.8			
FH	(60°-80°)	1486.2	28.2			G1/1800
FVH	(80°-90°)	86.7	1.6			G1/100
BL	(0°-30°)	177.3	3.4	B1/500		
BM	(30°-60°)	889.0	16.8	B1/1000		
BH	(60°-80°)	1486.2	28.2	B3/2500		G1/1800
BVH	(80°-90°)	86.7	1.6			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: P672358

CATALOG NUMBER: CCP-SA-1E-722-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0
2.5°	408.5	408.5	409.6	409.9	409.6	409.2	408.8	408.5	409.6	409.2	409.6
5°	407.4	407.4	407.7	408.1	407.4	407.0	406.3	405.9	406.6	406.6	407.4
7.5°	404.4	404.0	404.4	404.8	403.7	403.3	402.2	402.2	402.2	401.8	402.6
10°	401.8	401.1	401.1	400.4	398.5	398.9	397.4	398.5	400.4	400.7	401.1
12.5°	402.9	402.2	401.5	399.6	397.0	397.4	397.0	398.1	400.7	402.2	403.3
15°	408.1	407.4	405.5	402.2	400.7	400.7	400.0	400.4	404.0	406.3	407.4
17.5°	413.6	412.1	408.8	406.6	405.1	406.3	403.7	403.3	406.3	409.6	410.7
20°	418.0	416.9	412.9	410.3	410.3	411.4	408.8	407.4	410.7	414.7	415.8
22.5°	425.8	425.0	421.0	418.4	418.4	418.8	417.3	416.2	419.9	423.9	425.0
25°	436.8	436.8	432.8	431.7	431.3	432.0	430.2	429.1	432.4	435.3	436.5
27.5°	449.7	448.6	445.3	444.6	446.0	448.6	445.3	442.3	444.9	447.5	447.9
30°	463.3	463.3	460.4	460.4	461.5	462.6	459.7	456.7	459.3	462.2	462.6
32.5°	482.5	481.4	480.3	480.6	480.3	478.8	477.3	477.0	479.2	481.0	481.8
35°	506.1	505.7	504.2	505.0	505.0	505.0	500.5	499.1	502.7	504.2	503.5
37.5°	542.5	542.2	538.5	536.3	533.7	532.6	527.1	526.7	535.5	539.9	539.2
40°	587.1	585.6	582.3	578.6	575.3	573.1	567.6	571.6	580.8	584.1	584.1
42.5°	635.7	633.9	630.2	628.3	626.1	623.9	616.6	618.4	629.4	632.8	629.1
45°	695.4	692.8	688.7	684.7	681.4	677.0	673.3	675.1	686.9	691.0	688.0
47.5°	758.7	758.0	754.7	751.4	748.4	745.5	740.7	744.0	754.3	753.6	747.7
50°	825.8	827.2	827.6	830.9	828.7	829.1	820.2	818.4	826.5	821.7	814.3
52.5°	897.9	900.2	907.9	914.5	926.7	928.2	917.1	905.3	903.8	891.3	883.6
55°	981.6	981.2	998.1	1016.5	1043.4	1051.9	1027.2	1005.1	993.0	968.7	960.6
57.5°	1076.2	1075.1	1100.9	1133.3	1181.9	1202.9	1157.6	1115.6	1086.2	1057.1	1048.6
60°	1179.0	1181.6	1212.9	1265.5	1349.5	1378.6	1310.1	1240.5	1195.5	1157.6	1154.3
62.5°	1299.0	1299.4	1336.2	1407.7	1516.7	1563.5	1469.2	1374.9	1317.8	1276.2	1267.4
65°	1440.8	1443.4	1482.8	1555.0	1680.2	1738.1	1629.4	1514.5	1447.1	1390.8	1389.6
67.5°	1586.3	1584.9	1621.0	1697.6	1818.4	1871.8	1758.0	1629.8	1542.1	1471.8	1462.6
70°	1679.5	1687.6	1726.7	1800.0	1915.6	1967.5	1829.0	1674.4	1582.6	1518.2	1513.8
72.5°	1601.1	1616.2	1666.6	1788.2	1952.1	2013.6	1812.1	1628.3	1512.7	1447.8	1447.8
75°	1299.8	1324.8	1395.2	1582.3	1826.1	1932.5	1677.7	1425.0	1256.7	1187.4	1187.4
77.5°	791.9	815.8	910.8	1139.2	1474.7	1611.0	1367.6	1073.3	878.4	793.7	782.7
80°	263.3	278.8	372.0	579.0	905.3	1072.2	916.4	609.6	393.4	299.8	298.3
82.5°	70.0	76.2	106.1	168.0	393.0	580.8	419.1	201.1	115.3	89.5	82.5
85°	24.3	26.2	44.9	56.0	99.8	192.3	116.8	72.9	56.0	33.9	31.7
87.5°	7.0	7.7	18.0	19.5	28.7	22.5	31.7	29.1	26.5	11.0	9.9
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)