

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: P672650

Luminaire Tested: **CCP-SA-2C-722-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672650
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-722-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6930.5 lumens
Efficiency: N/A
Efficacy: 111.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 62.1
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

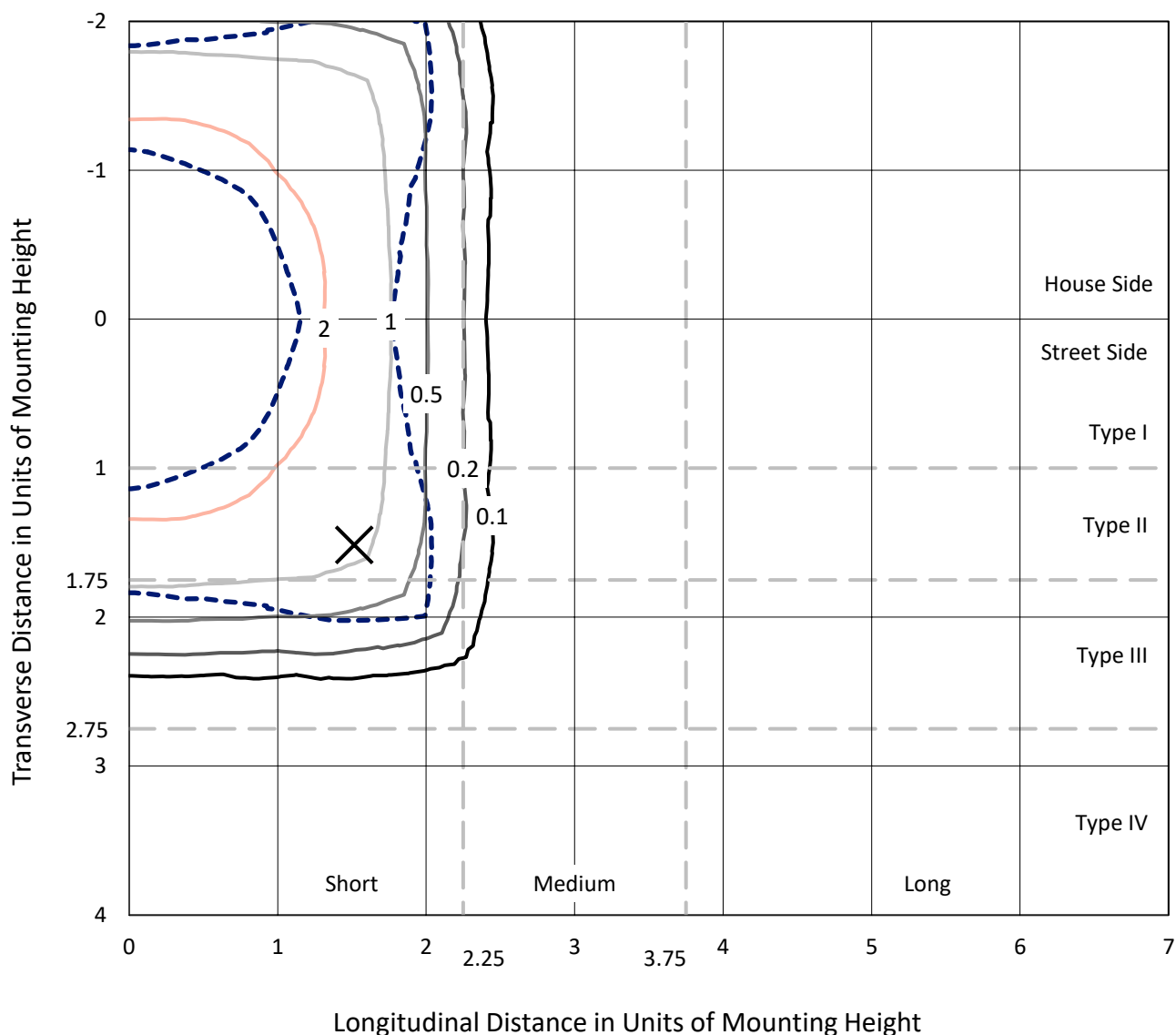
REPORT NUMBER: P672650

CATALOG NUMBER: CCP-SA-2C-722-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

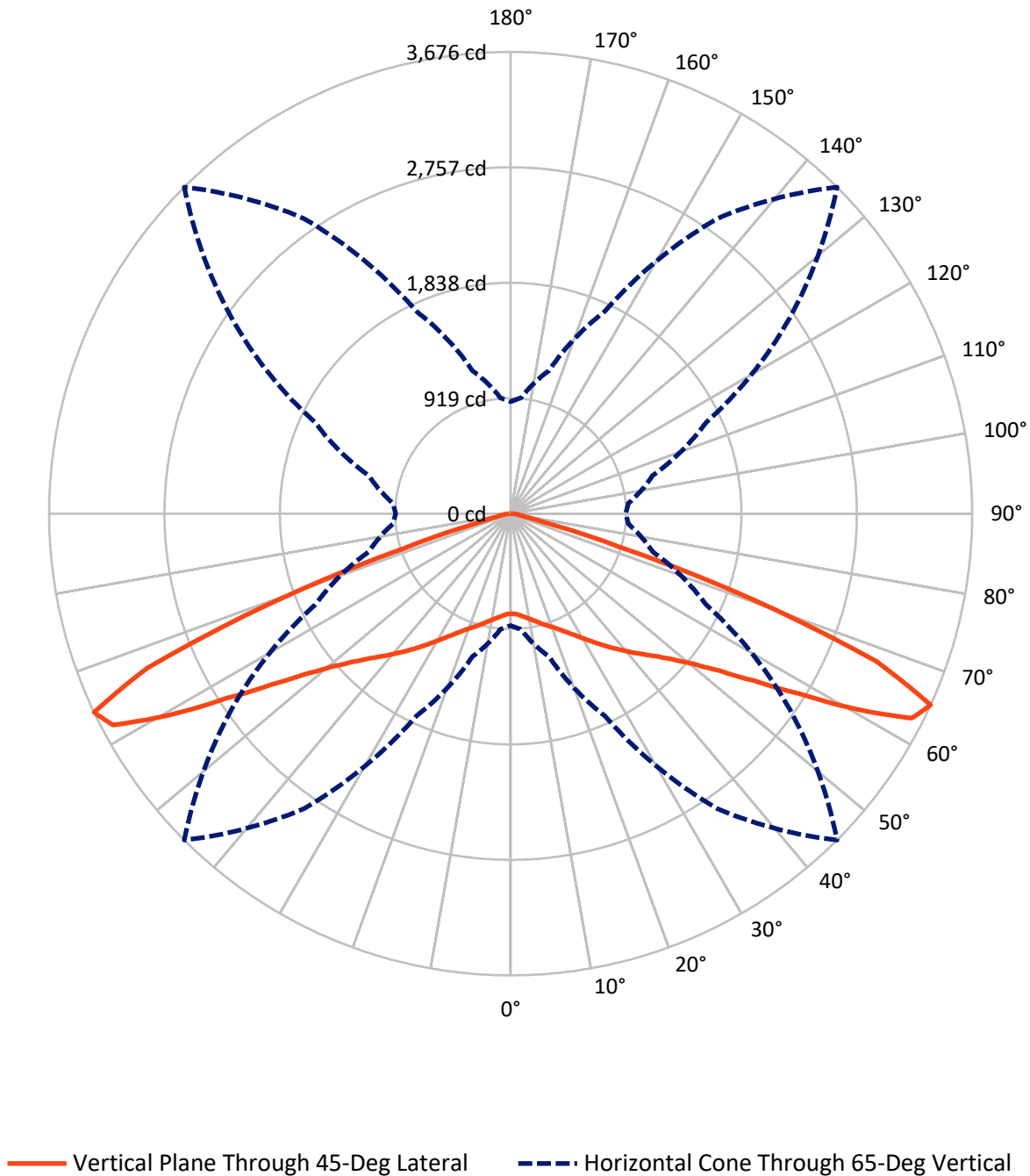


Based on 15 foot mounting height. Maximum calculated value = 3.6 fc

Type V - Short - N/A

REPORT NUMBER: P672650
CATALOG NUMBER: CCP-SA-2C-722-U-5NQ

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3465.3	0.0	3465.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3465.3	0.0	3465.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	6930.5	0.0	6930.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.9	1.1
10°-20°	257.6	3.7
20°-30°	488.7	7.1
30°-40°	819.5	11.8
40°-50°	1296.8	18.7
50°-60°	2037.3	29.4
60°-70°	1721.4	24.8
70°-80°	200.4	2.9
80°-90°	29.9	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°	6930.5	100.0
0°-180°	6930.5	100.0

Coefficient of Utilization



REPORT NUMBER: P672650

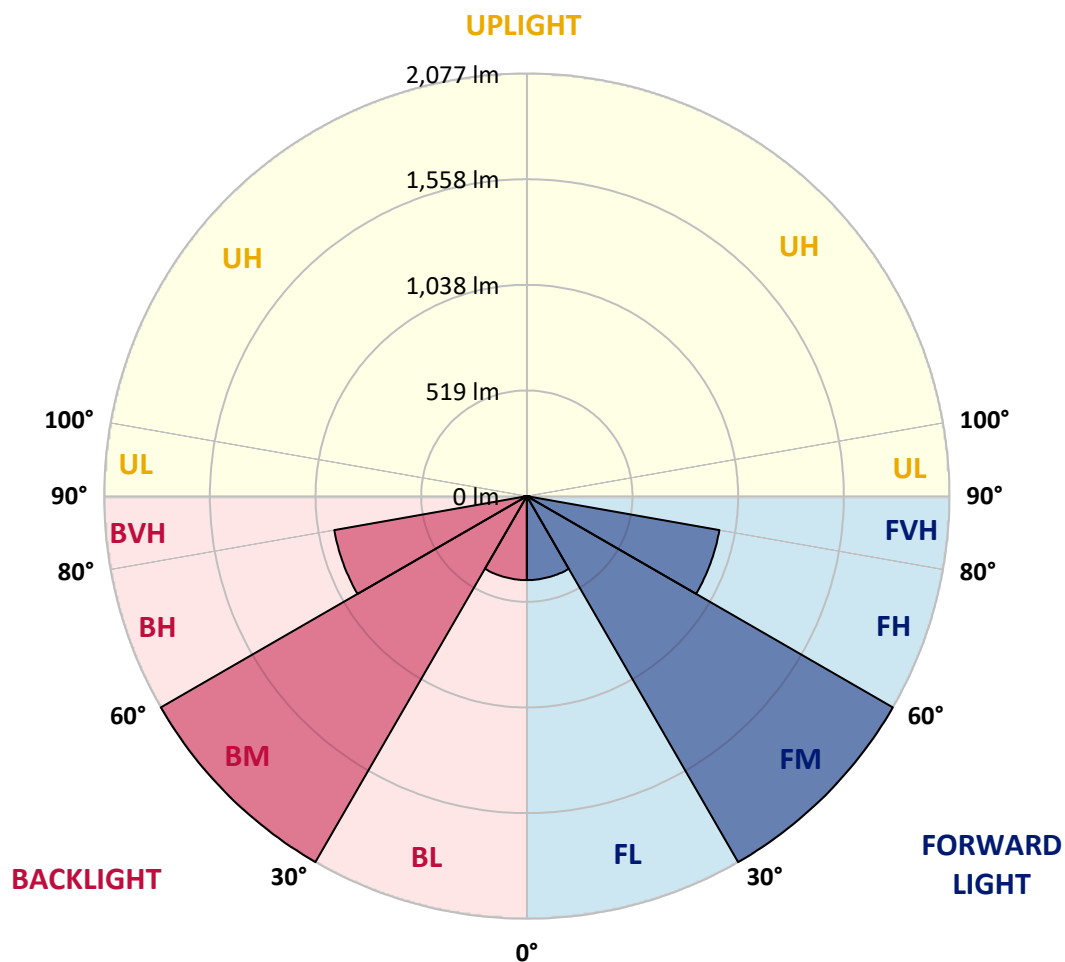
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	412.6	6.0			
FM	(30°-60°)	2076.8	30.0			
FH	(60°-80°)	960.9	13.9			G1/1800
FVH	(80°-90°)	14.9	0.2			G1/100
BL	(0°-30°)	412.6	6.0	B1/500		
BM	(30°-60°)	2076.8	30.0	B2/2500		
BH	(60°-80°)	960.9	13.9	B2/1000		G1/1800
BVH	(80°-90°)	14.9	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°	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9
2.5°	801.3	798.8	801.3	801.3	799.8	800.3	798.3	797.9	800.3	798.3	797.9
5°	817.8	815.9	817.8	816.4	813.9	814.4	811.5	810.5	813.4	810.5	811.0
7.5°	836.8	833.4	834.4	835.9	833.4	833.4	831.0	829.5	831.0	828.1	830.0
10°	852.9	850.0	851.4	853.4	852.9	854.4	851.9	851.0	849.5	846.1	849.0
12.5°	873.8	872.9	874.8	877.3	876.3	878.2	872.9	871.4	870.9	867.0	870.4
15°	901.1	898.7	902.1	905.0	903.6	907.0	902.6	900.6	898.2	893.3	896.3
17.5°	928.4	926.5	931.3	932.8	933.3	936.2	932.8	929.9	928.9	925.5	923.5
20°	961.0	958.6	962.5	965.4	963.0	966.4	964.9	963.0	962.0	956.7	956.2
22.5°	997.6	994.2	1000.0	1003.4	1000.0	1003.4	1000.5	1000.0	1000.5	992.7	993.7
25°	1038.5	1039.0	1044.8	1047.3	1045.3	1047.3	1042.9	1045.8	1044.3	1036.1	1033.1
27.5°	1091.1	1089.1	1095.5	1102.8	1097.9	1097.9	1096.0	1098.9	1098.4	1090.6	1088.7
30°	1152.5	1152.0	1161.2	1165.6	1158.8	1155.9	1155.4	1162.7	1163.2	1154.9	1151.5
32.5°	1216.8	1216.8	1228.0	1233.3	1223.6	1221.6	1219.7	1229.4	1228.0	1216.8	1209.5
35°	1287.4	1284.5	1299.6	1307.4	1297.6	1291.8	1290.8	1299.6	1297.6	1282.0	1273.3
37.5°	1357.0	1359.0	1376.5	1385.3	1373.6	1366.3	1368.7	1374.6	1375.1	1358.0	1348.8
40°	1442.3	1442.8	1464.7	1471.5	1456.4	1445.2	1448.6	1461.8	1460.8	1439.9	1428.2
42.5°	1537.8	1535.8	1563.1	1568.9	1548.5	1527.0	1537.3	1557.7	1562.6	1539.2	1527.0
45°	1640.0	1643.0	1671.2	1677.6	1645.4	1618.1	1640.0	1670.7	1677.1	1651.7	1636.6
47.5°	1764.3	1767.7	1801.8	1804.2	1767.7	1732.1	1761.3	1801.3	1803.7	1768.6	1751.1
50°	1906.0	1917.7	1955.7	1960.6	1924.5	1878.7	1920.6	1956.2	1946.9	1900.2	1884.1
52.5°	2066.7	2076.0	2135.4	2155.9	2124.2	2075.0	2108.6	2130.6	2100.8	2039.5	2014.6
55°	2203.6	2219.2	2298.1	2360.5	2384.3	2347.3	2343.4	2311.3	2228.5	2134.9	2109.1
57.5°	2242.1	2257.2	2379.5	2540.2	2681.9	2700.5	2614.7	2453.5	2275.2	2131.0	2104.7
60°	2085.7	2106.2	2285.0	2589.4	2996.1	3163.7	2853.9	2465.7	2153.9	1960.6	1927.4
62.5°	1638.1	1676.1	1907.0	2384.3	3122.8	3585.5	2952.3	2255.7	1788.1	1559.7	1515.8
65°	890.9	923.5	1178.3	1776.9	2866.1	3675.6	2711.2	1717.5	1169.5	940.1	916.2
67.5°	334.1	358.0	474.9	878.2	2026.3	3142.3	2058.0	983.4	530.9	380.9	347.3
70°	142.2	145.2	171.9	305.9	921.1	2044.3	1053.6	334.1	177.3	143.2	139.3
72.5°	102.3	102.8	110.1	135.4	280.6	896.7	318.6	140.3	108.1	97.4	97.4
75°	81.8	82.3	86.7	97.9	132.5	264.0	137.4	98.4	83.8	76.5	75.5
77.5°	64.3	65.3	69.7	76.5	88.7	120.8	93.0	77.4	67.2	60.4	59.4
80°	47.7	49.2	55.0	58.5	62.3	80.4	67.7	60.4	53.6	46.3	44.8
82.5°	31.7	33.1	40.9	43.4	42.9	50.7	46.8	46.3	40.9	30.7	29.2
85°	19.0	20.0	26.3	28.3	26.3	24.8	29.7	32.1	28.7	20.0	18.5
87.5°	8.3	8.3	11.7	12.2	11.7	9.3	14.1	16.6	17.0	10.2	9.3
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)