

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: P672668

Luminaire Tested: **CCP-SA-1E-730-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672668
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-730-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5NQ
distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6478.7 lumens
Efficiency: N/A
Efficacy: 115.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

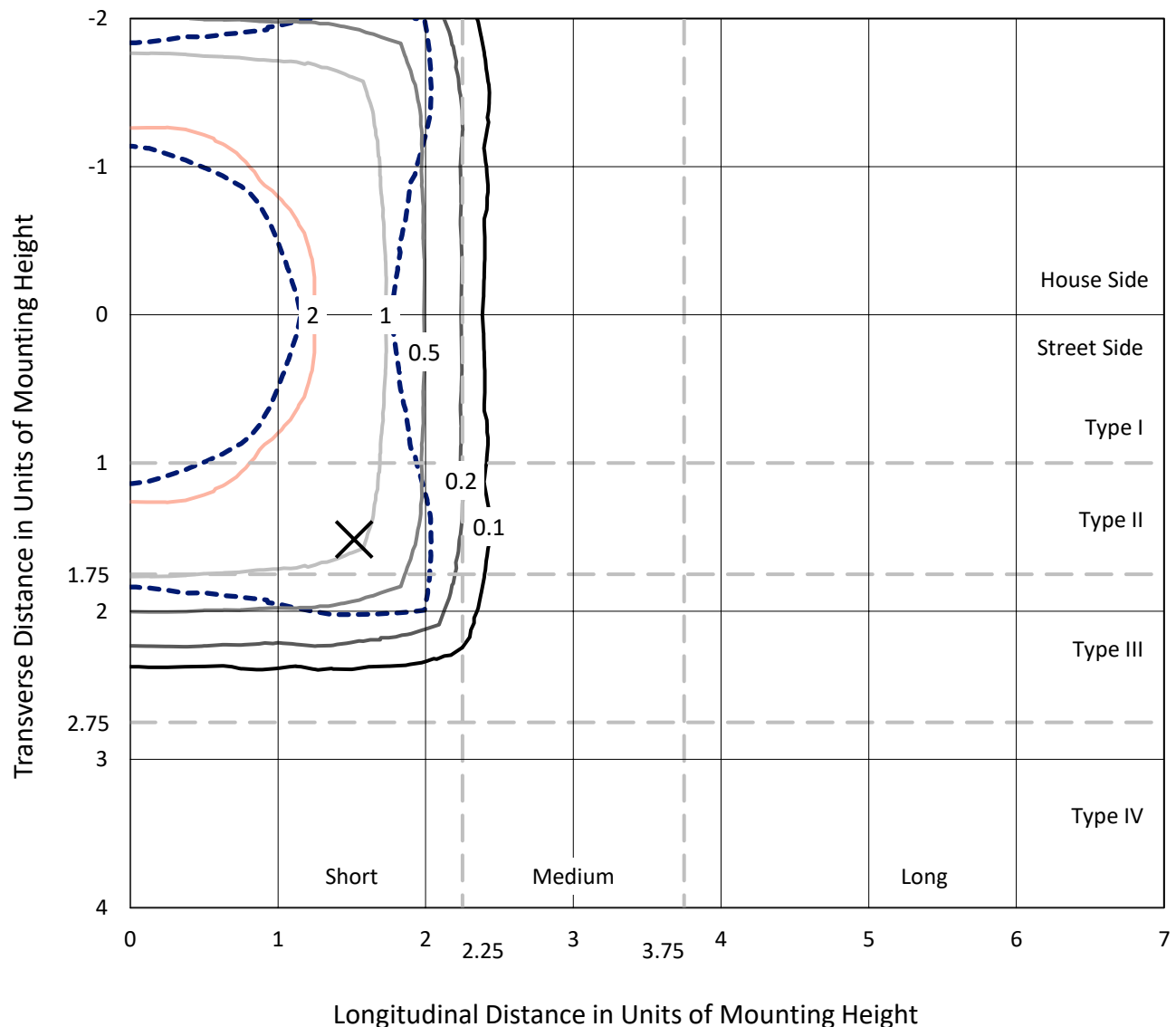
Input Watts (W): 56.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

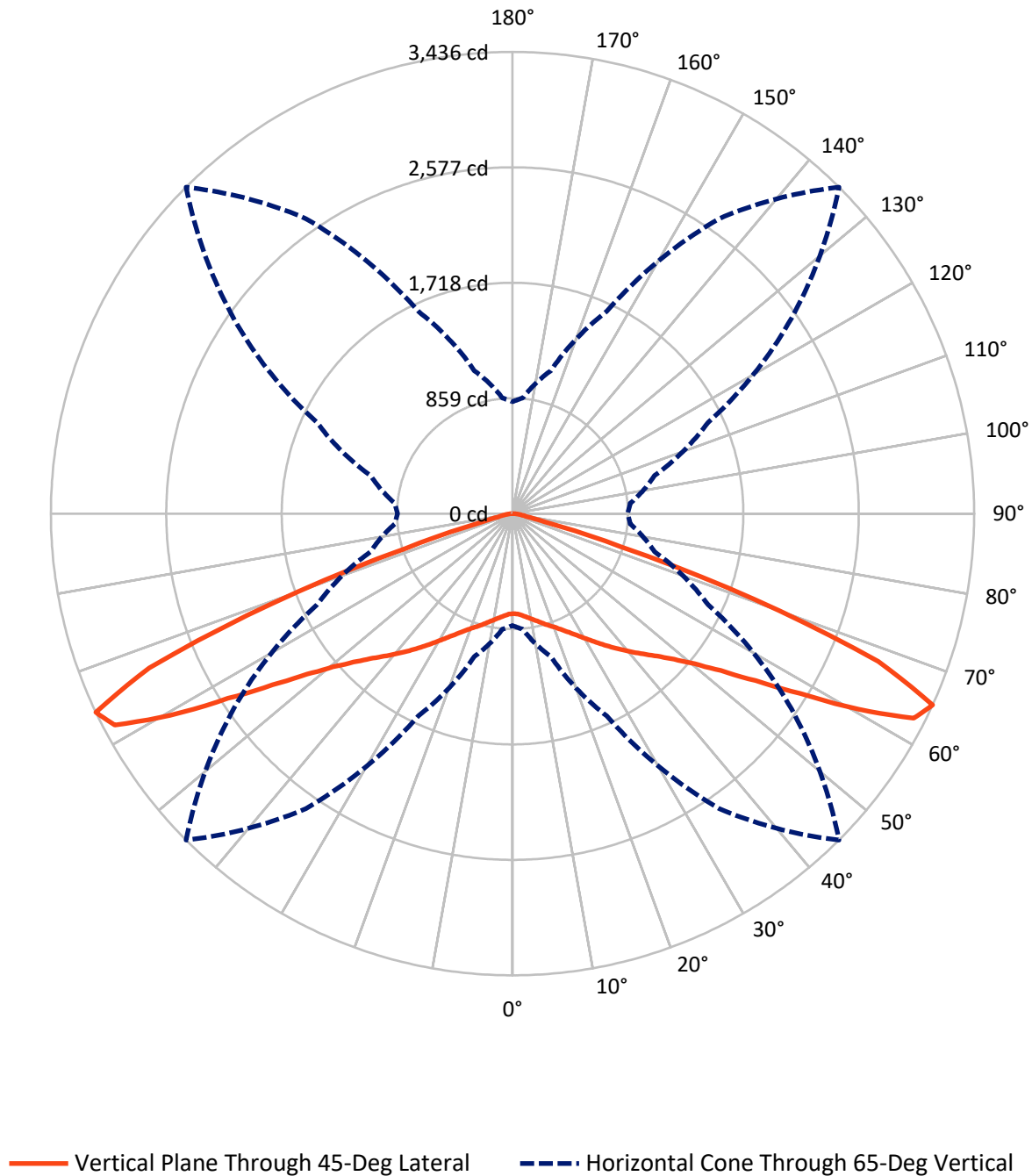
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.4 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	3239.3	0.0	3239.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3239.3	0.0	3239.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	6478.7	0.0	6478.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.8	1.1
10°-20°	240.8	3.7
20°-30°	456.8	7.1
30°-40°	766.1	11.8
40°-50°	1212.3	18.7
50°-60°	1904.5	29.4
60°-70°	1609.1	24.8
70°-80°	187.4	2.9
80°-90°	27.9	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°	6478.7	100.0
0°-180°	6478.7	100.0



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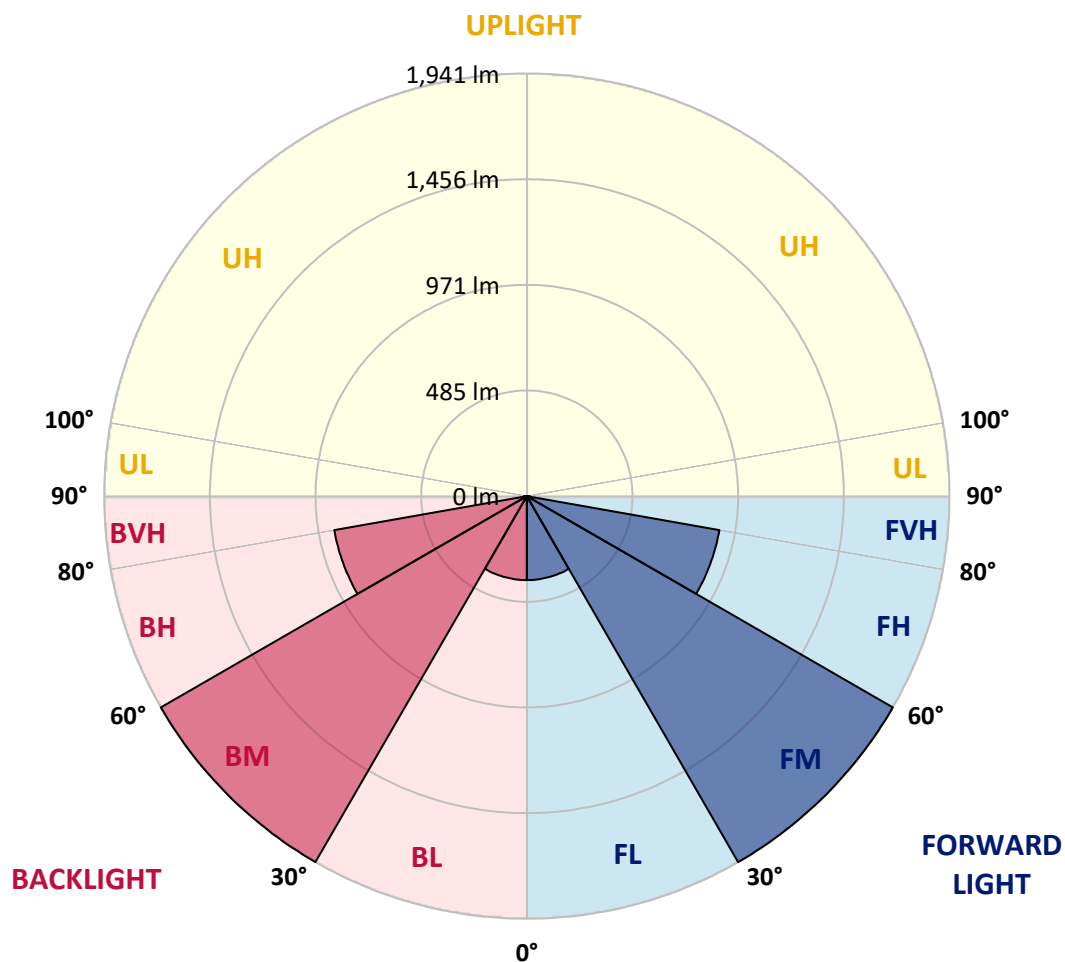
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	385.7	6.0			
FM	(30°-60°)	1941.4	30.0			
FH	(60°-80°)	898.3	13.9			G1/1800
FVH	(80°-90°)	14.0	0.2			G1/100
BL	(0°-30°)	385.7	6.0	B1/500		
BM	(30°-60°)	1941.4	30.0	B2/2500		
BH	(60°-80°)	898.3	13.9	B2/1000		G1/1800
BVH	(80°-90°)	14.0	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°	744.9	744.9	744.9	744.9	744.9	744.9	744.9	744.9	744.9	744.9	744.9
2.5°	749.0	746.8	749.0	749.0	747.7	748.1	746.3	745.8	748.1	746.3	745.8
5°	764.5	762.7	764.5	763.1	760.9	761.3	758.6	757.7	760.4	757.7	758.1
7.5°	782.3	779.1	780.0	781.4	779.1	779.1	776.8	775.4	776.8	774.1	775.9
10°	797.3	794.6	795.9	797.8	797.3	798.7	796.4	795.5	794.1	790.9	793.7
12.5°	816.9	816.0	817.8	820.1	819.2	821.0	816.0	814.6	814.1	810.5	813.7
15°	842.4	840.1	843.3	846.0	844.7	847.8	843.7	841.9	839.6	835.1	837.8
17.5°	867.9	866.1	870.6	872.0	872.4	875.2	872.0	869.2	868.3	865.1	863.3
20°	898.4	896.1	899.8	902.5	900.2	903.4	902.0	900.2	899.3	894.3	893.8
22.5°	932.5	929.3	934.8	938.0	934.8	938.0	935.3	934.8	935.3	928.0	928.9
25°	970.8	971.2	976.7	979.0	977.2	979.0	974.9	977.6	976.2	968.5	965.8
27.5°	1020.0	1018.1	1024.1	1030.9	1026.3	1026.3	1024.5	1027.2	1026.8	1019.5	1017.7
30°	1077.3	1076.9	1085.5	1089.6	1083.3	1080.5	1080.1	1086.9	1087.4	1079.6	1076.4
32.5°	1137.4	1137.4	1147.9	1152.9	1143.8	1142.0	1140.2	1149.3	1147.9	1137.4	1130.6
35°	1203.5	1200.7	1214.8	1222.1	1213.0	1207.6	1206.7	1214.8	1213.0	1198.5	1190.3
37.5°	1268.6	1270.4	1286.8	1295.0	1284.1	1277.2	1279.5	1285.0	1285.4	1269.5	1260.8
40°	1348.3	1348.7	1369.2	1375.6	1361.5	1351.0	1354.2	1366.5	1365.6	1346.0	1335.1
42.5°	1437.5	1435.7	1461.2	1466.6	1447.5	1427.5	1437.1	1456.2	1460.7	1438.9	1427.5
45°	1533.1	1535.9	1562.3	1568.2	1538.1	1512.6	1533.1	1561.8	1567.7	1544.1	1529.9
47.5°	1649.2	1652.4	1684.3	1686.6	1652.4	1619.2	1646.5	1683.8	1686.1	1653.3	1636.9
50°	1781.7	1792.7	1828.2	1832.7	1799.0	1756.2	1795.4	1828.6	1820.0	1776.3	1761.3
52.5°	1932.0	1940.7	1996.2	2015.3	1985.7	1939.7	1971.2	1991.7	1963.9	1906.5	1883.3
55°	2060.0	2074.5	2148.3	2206.6	2228.9	2194.3	2190.6	2160.6	2083.2	1995.8	1971.6
57.5°	2095.9	2110.0	2224.3	2374.6	2507.1	2524.4	2444.3	2293.5	2126.9	1992.1	1967.5
60°	1949.8	1968.9	2136.0	2420.6	2800.8	2957.4	2667.8	2304.9	2013.5	1832.7	1801.8
62.5°	1531.3	1566.8	1782.7	2228.9	2919.2	3351.8	2759.8	2108.7	1671.6	1458.0	1417.0
65°	832.8	863.3	1101.5	1661.1	2679.2	3436.0	2534.4	1605.5	1093.3	878.8	856.5
67.5°	312.4	334.7	444.0	821.0	1894.2	2937.4	1923.8	919.3	496.3	356.1	324.7
70°	133.0	135.7	160.7	286.0	861.0	1911.1	984.9	312.4	165.7	133.9	130.2
72.5°	95.6	96.1	102.9	126.6	262.3	838.3	297.8	131.1	101.1	91.1	91.1
75°	76.5	77.0	81.1	91.5	123.9	246.8	128.4	92.0	78.3	71.5	70.6
77.5°	60.1	61.0	65.1	71.5	82.9	112.9	87.0	72.4	62.8	56.5	55.6
80°	44.6	46.0	51.5	54.6	58.3	75.1	63.3	56.5	50.1	43.3	41.9
82.5°	29.6	31.0	38.2	40.5	40.1	47.4	43.7	43.3	38.2	28.7	27.3
85°	17.8	18.7	24.6	26.4	24.6	23.2	27.8	30.1	26.9	18.7	17.3
87.5°	7.7	7.7	10.9	11.4	10.9	8.7	13.2	15.5	15.9	9.6	8.7
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)