

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: P672546

Luminaire Tested: **CCP-SA-1E-740-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672546
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-740-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5MQ distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

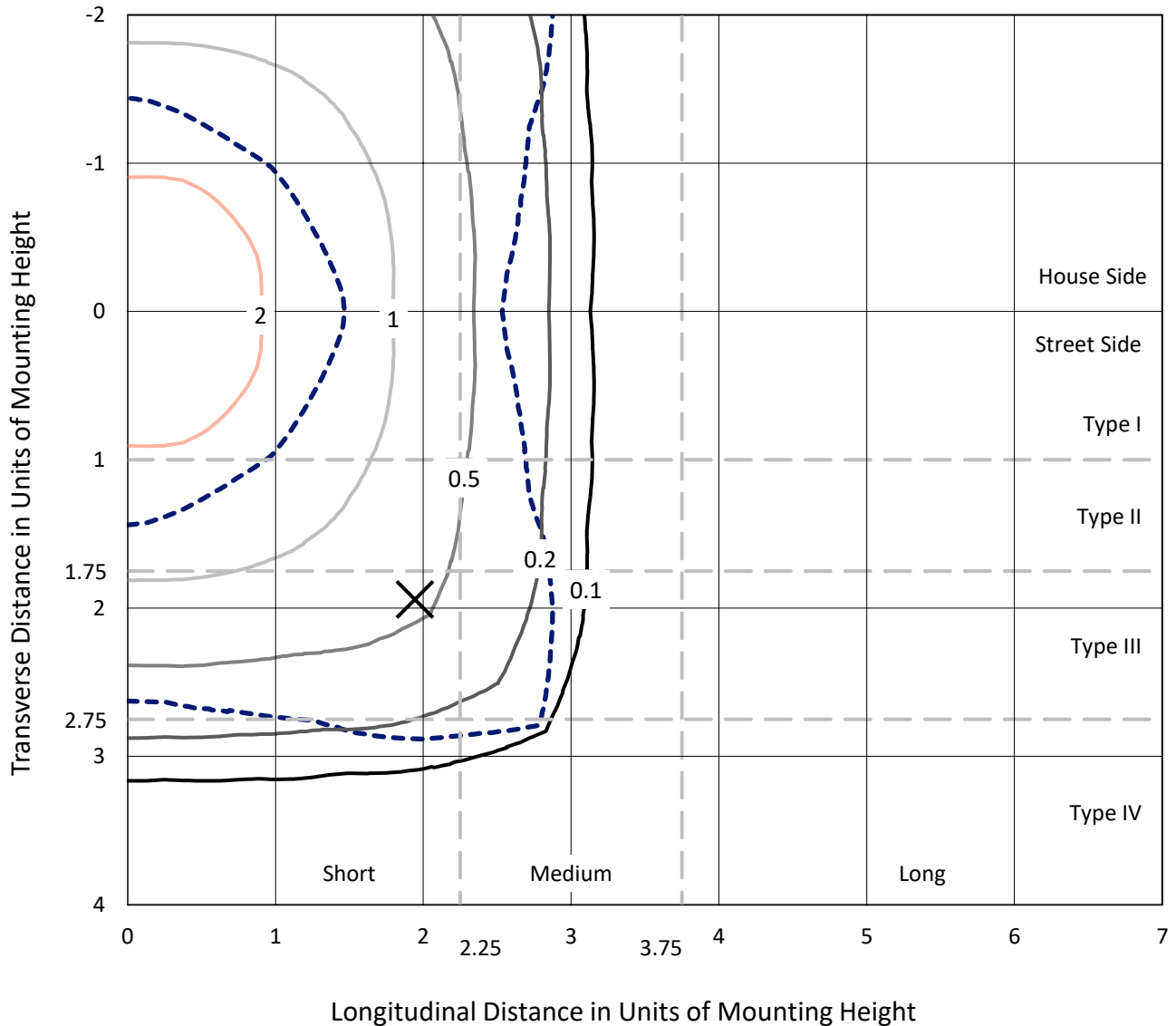
Lumens per Lamp: N/A
Luminaire Lumens: 7057.5 lumens
Efficiency: N/A
Efficacy: 125.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

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

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Iso-Footcandle Lines of Horizontal Illumination

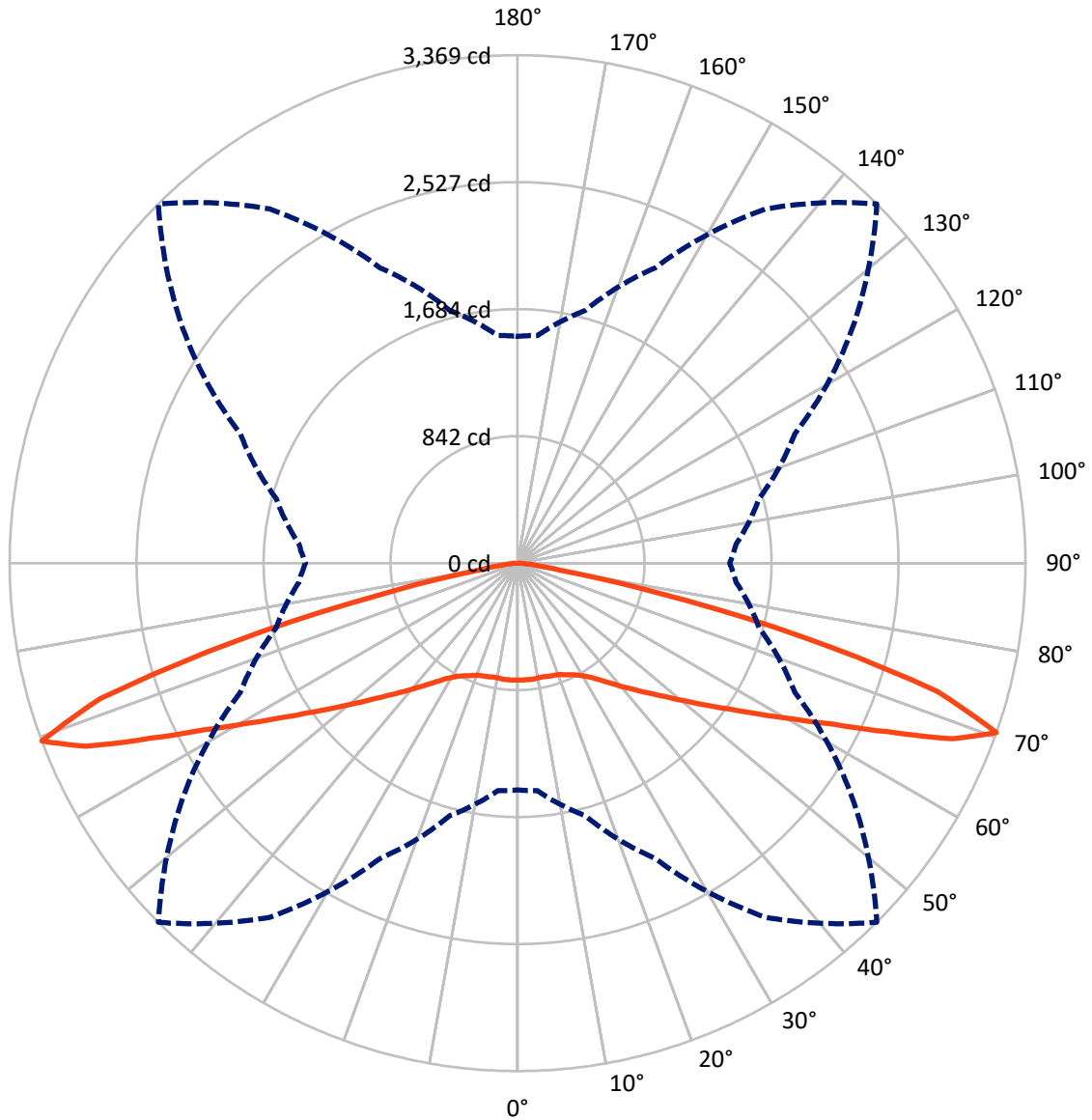
✕ Max cd
 - - - 1/2 Max cd



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



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3528.7	0.0	3528.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3528.7	0.0	3528.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	7057.5	0.0	7057.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.8	1.0
10°-20°	218.5	3.1
20°-30°	373.1	5.3
30°-40°	595.4	8.4
40°-50°	960.8	13.6
50°-60°	1538.6	21.8
60°-70°	2252.4	31.9
70°-80°	990.6	14.0
80°-90°	54.3	0.8
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°	7057.5	100.0
0°-180°	7057.5	100.0



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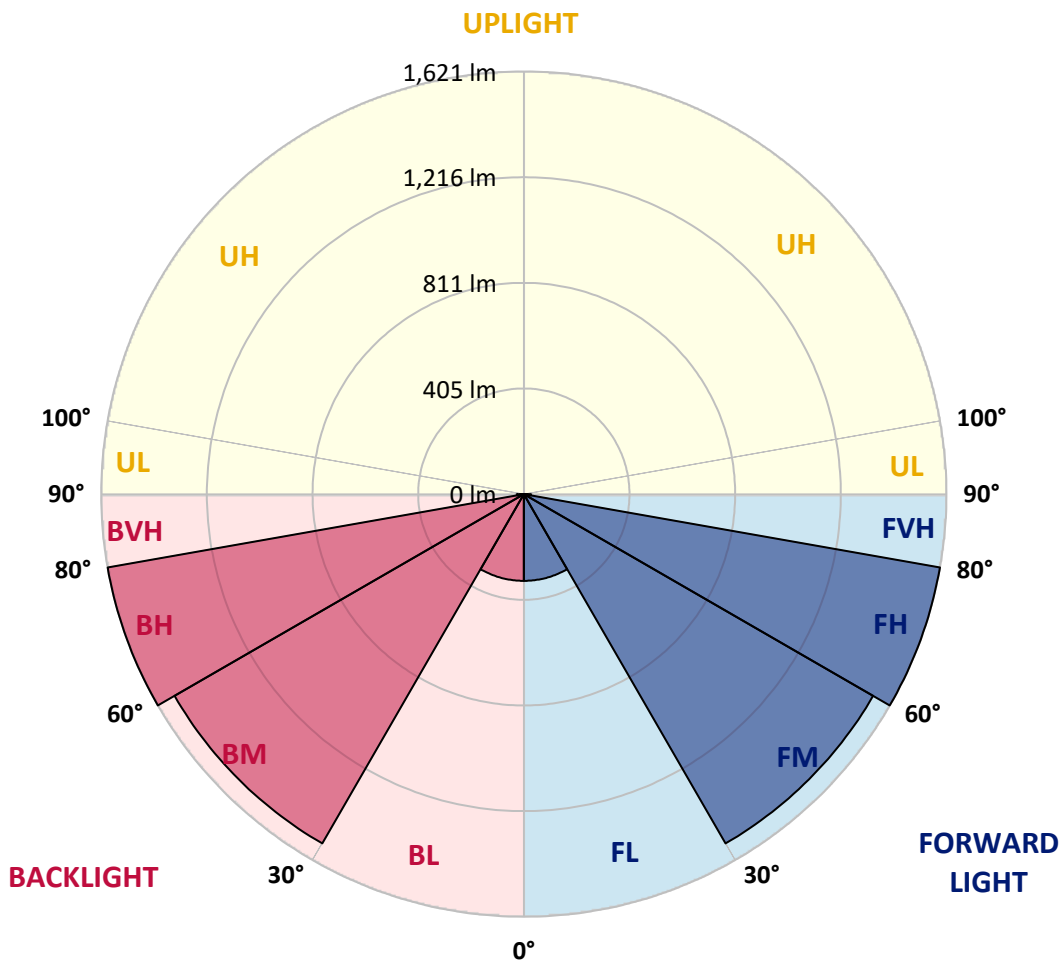
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	332.7	4.7			
FM (30°-60°)	1547.4	21.9			
FH (60°-80°)	1621.5	23.0			G1/1800
FVH (80°-90°)	27.1	0.4			G1/100
BL (0°-30°)	332.7	4.7	B1/500		
BM (30°-60°)	1547.4	21.9	B2/2500		
BH (60°-80°)	1621.5	23.0	B3/2500		G1/1800
BVH (80°-90°)	27.1	0.4			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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	776.1	776.1	776.1	776.1	776.1	776.1	776.1	776.1	776.1	776.1	776.1
2.5°	775.1	774.6	775.6	776.1	775.1	775.6	772.6	772.6	774.1	772.6	774.6
5°	778.6	777.6	778.6	778.6	776.1	776.1	772.6	771.6	772.6	770.1	772.1
7.5°	779.1	777.1	778.6	778.1	776.1	776.1	771.1	769.1	769.6	767.1	768.6
10°	774.1	773.1	775.1	774.1	772.6	772.6	768.6	765.6	765.6	763.1	764.6
12.5°	771.1	770.1	772.6	773.1	772.1	772.6	767.6	763.6	762.1	759.1	760.1
15°	771.1	769.1	773.1	774.1	775.1	778.6	771.1	764.1	761.1	757.1	758.1
17.5°	770.6	769.6	774.1	777.6	778.6	782.6	774.1	766.6	763.1	757.1	758.1
20°	770.6	770.1	775.6	782.1	785.1	788.6	779.6	772.6	766.6	760.1	760.1
22.5°	773.1	772.6	780.1	789.6	798.1	804.1	793.6	782.1	774.1	765.6	764.6
25°	783.6	782.6	791.6	803.1	814.6	820.6	810.1	798.6	787.1	777.6	776.6
27.5°	805.1	804.6	813.6	827.6	835.6	840.1	831.1	821.1	809.6	798.6	798.1
30°	834.1	834.1	845.6	860.1	864.6	868.1	859.1	852.1	840.1	828.1	827.1
32.5°	869.1	871.1	884.6	900.6	903.6	905.6	896.1	891.6	878.6	865.6	863.6
35°	915.1	915.6	932.1	948.1	952.1	954.1	943.1	939.1	927.1	913.1	910.1
37.5°	973.6	972.1	987.6	1005.6	1009.6	1012.1	1003.1	1000.1	985.1	971.1	966.6
40°	1039.1	1040.1	1057.6	1074.6	1077.1	1078.1	1073.6	1069.1	1055.1	1039.1	1033.6
42.5°	1115.1	1115.1	1135.6	1155.6	1155.6	1150.6	1148.6	1147.6	1134.1	1116.1	1110.1
45°	1202.1	1203.1	1228.6	1243.6	1244.6	1231.1	1233.1	1239.1	1226.1	1203.1	1195.1
47.5°	1297.7	1299.2	1329.2	1345.7	1342.7	1325.2	1336.2	1339.2	1324.2	1294.7	1284.2
50°	1398.2	1402.7	1436.2	1465.2	1461.2	1435.7	1450.2	1451.2	1426.7	1392.7	1378.2
52.5°	1506.7	1517.2	1561.7	1592.7	1596.7	1564.7	1577.2	1576.2	1544.7	1498.2	1488.7
55°	1641.2	1647.2	1691.2	1735.2	1750.2	1710.7	1724.7	1717.7	1675.2	1622.2	1606.2
57.5°	1775.7	1784.7	1841.2	1890.7	1920.7	1887.2	1890.2	1872.2	1818.7	1754.7	1746.7
60°	1935.2	1939.2	2001.7	2066.2	2118.3	2098.2	2084.2	2046.7	1983.7	1919.7	1908.2
62.5°	2065.7	2073.7	2166.8	2261.8	2349.8	2353.3	2310.8	2254.8	2154.3	2047.2	2024.2
65°	2101.7	2114.8	2245.3	2432.8	2615.8	2697.3	2580.8	2409.8	2185.3	2023.7	1989.2
67.5°	1934.2	1959.2	2145.8	2457.3	2863.3	3107.9	2795.8	2336.3	2022.7	1834.2	1801.2
70°	1504.2	1515.2	1734.2	2161.8	2867.3	3368.9	2709.3	2028.7	1658.2	1455.7	1407.2
72.5°	799.1	804.6	1002.1	1455.7	2333.3	2910.3	2238.8	1419.7	976.1	792.1	736.6
75°	258.0	265.0	345.0	596.1	1287.2	1955.7	1320.2	590.6	336.5	271.5	257.0
77.5°	131.5	131.0	145.5	192.0	433.1	958.6	458.1	207.0	145.5	130.5	126.5
80°	82.0	80.5	91.5	105.0	151.5	280.0	164.5	116.0	92.0	79.0	78.5
82.5°	46.5	46.5	61.5	67.5	85.5	115.5	96.0	79.5	63.0	47.0	45.5
85°	26.0	23.0	38.5	42.5	49.0	57.0	58.5	51.5	42.5	26.0	27.0
87.5°	9.5	10.5	18.0	17.0	19.5	13.5	24.0	27.0	24.0	12.5	10.5
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)