

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: P672568

Luminaire Tested: **CCP-SA-1E-760-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672568
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-760-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5MQ distribution lens
Light Source: (16) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

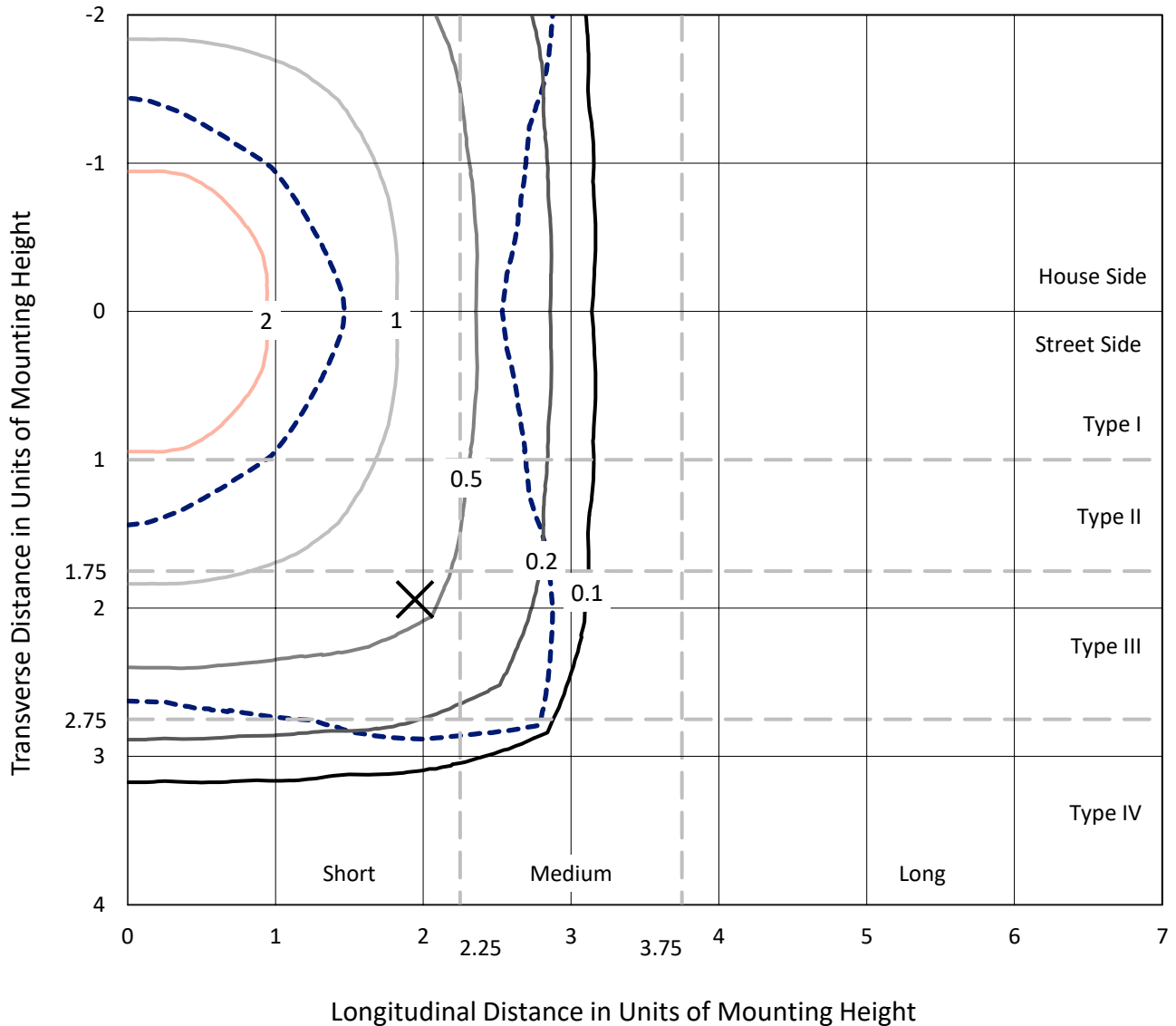
Lumens per Lamp: N/A
Luminaire Lumens: 7219.1 lumens
Efficiency: N/A
Efficacy: 128.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

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

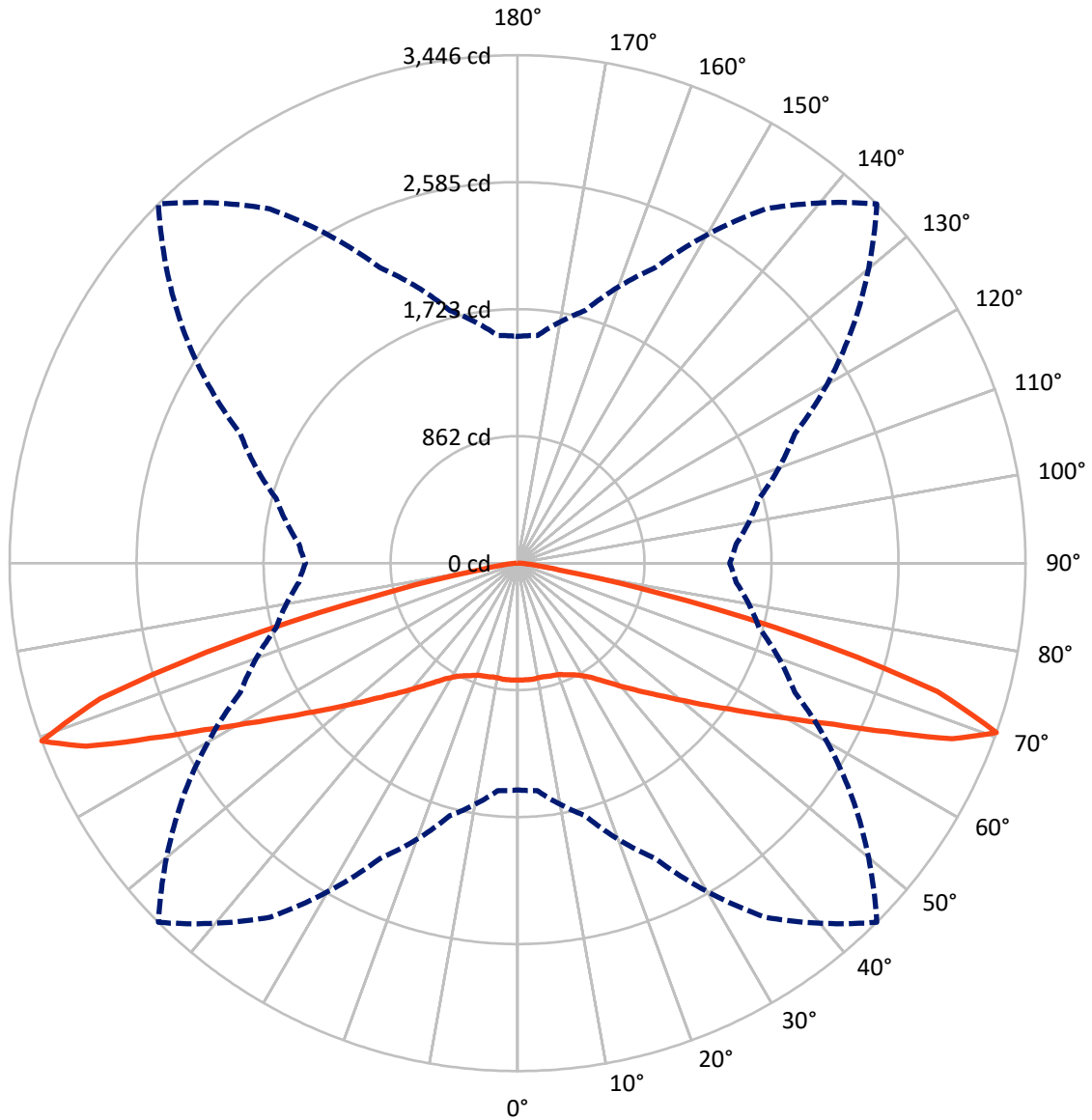
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.5 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	3609.5	0.0	3609.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3609.5	0.0	3609.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	7219.1	0.0	7219.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.5	1.0
10°-20°	223.5	3.1
20°-30°	381.7	5.3
30°-40°	609.1	8.4
40°-50°	982.8	13.6
50°-60°	1573.8	21.8
60°-70°	2304.0	31.9
70°-80°	1013.3	14.0
80°-90°	55.5	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°	7219.1	100.0
0°-180°	7219.1	100.0



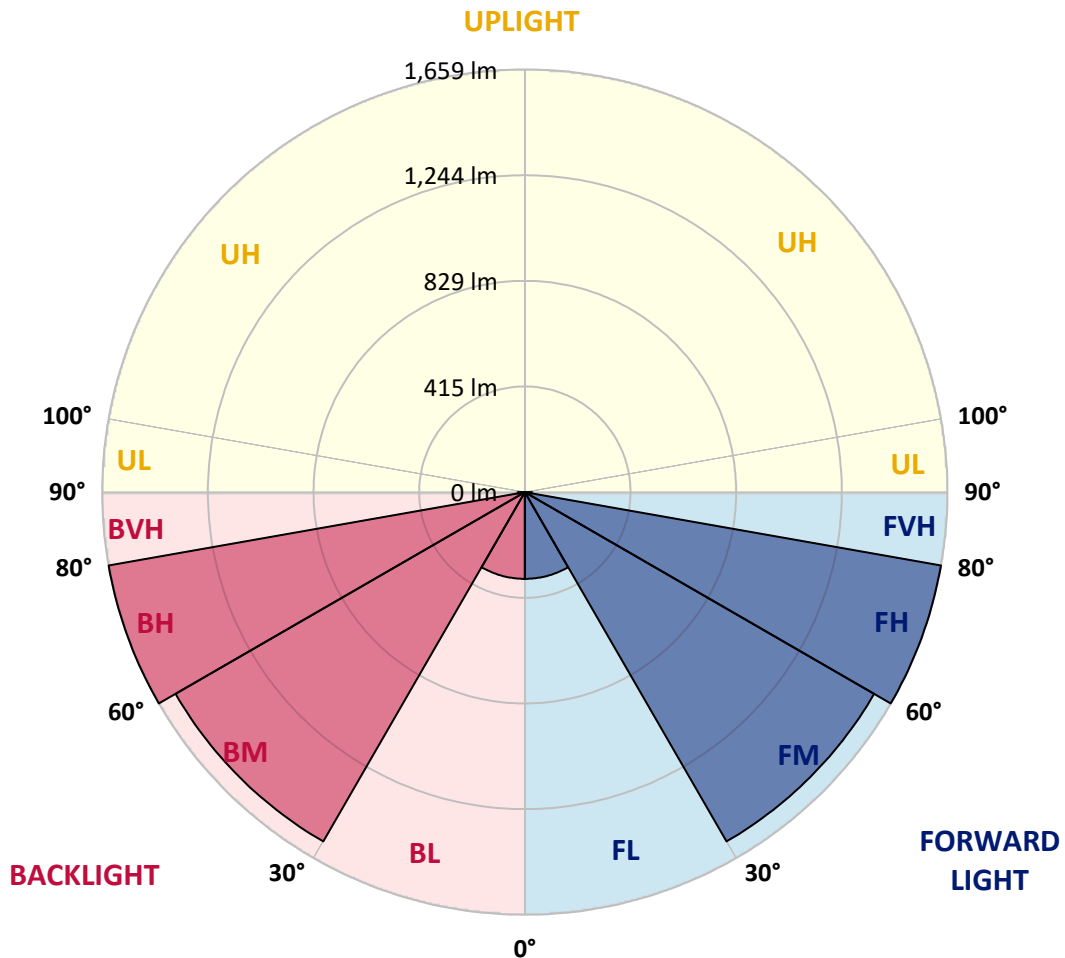
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	340.3	4.7			
FM (30°-60°)	1582.8	21.9			
FH (60°-80°)	1658.6	23.0			G1/1800
FVH (80°-90°)	27.8	0.4			G1/100
BL (0°-30°)	340.3	4.7	B1/500		
BM (30°-60°)	1582.8	21.9	B2/2500		
BH (60°-80°)	1658.6	23.0	B3/2500		G1/1800
BVH (80°-90°)	27.8	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°	793.9	793.9	793.9	793.9	793.9	793.9	793.9	793.9	793.9	793.9	793.9
2.5°	792.8	792.3	793.4	793.9	792.8	793.4	790.3	790.3	791.8	790.3	792.3
5°	796.4	795.4	796.4	796.4	793.9	793.9	790.3	789.3	790.3	787.7	789.8
7.5°	796.9	794.9	796.4	795.9	793.9	793.9	788.7	786.7	787.2	784.7	786.2
10°	791.8	790.8	792.8	791.8	790.3	790.3	786.2	783.1	783.1	780.6	782.1
12.5°	788.7	787.7	790.3	790.8	789.8	790.3	785.2	781.1	779.5	776.5	777.5
15°	788.7	786.7	790.8	791.8	792.8	796.4	788.7	781.6	778.5	774.4	775.5
17.5°	788.2	787.2	791.8	795.4	796.4	800.5	791.8	784.1	780.6	774.4	775.5
20°	788.2	787.7	793.4	800.0	803.1	806.7	797.4	790.3	784.1	777.5	777.5
22.5°	790.8	790.3	798.0	807.7	816.4	822.5	811.8	800.0	791.8	783.1	782.1
25°	801.5	800.5	809.7	821.5	833.3	839.4	828.6	816.9	805.1	795.4	794.4
27.5°	823.5	823.0	832.2	846.6	854.7	859.3	850.1	839.9	828.1	816.9	816.4
30°	853.2	853.2	865.0	879.8	884.4	888.0	878.8	871.6	859.3	847.1	846.0
32.5°	889.0	891.1	904.9	921.2	924.3	926.3	916.6	912.0	898.7	885.4	883.4
35°	936.1	936.6	953.5	969.8	973.9	976.0	964.7	960.6	948.3	934.0	930.9
37.5°	995.9	994.4	1010.2	1028.6	1032.7	1035.3	1026.1	1023.0	1007.7	993.4	988.7
40°	1062.9	1063.9	1081.8	1099.2	1101.8	1102.8	1098.2	1093.6	1079.3	1062.9	1057.3
42.5°	1140.7	1140.7	1161.6	1182.1	1182.1	1177.0	1174.9	1173.9	1160.1	1141.7	1135.6
45°	1229.7	1230.7	1256.8	1272.1	1273.1	1259.3	1261.4	1267.5	1254.2	1230.7	1222.5
47.5°	1327.4	1328.9	1359.6	1376.5	1373.4	1355.5	1366.8	1369.8	1354.5	1324.3	1313.6
50°	1430.2	1434.8	1469.1	1498.7	1494.6	1468.5	1483.4	1484.4	1459.3	1424.6	1409.7
52.5°	1541.2	1551.9	1597.4	1629.2	1633.3	1600.5	1613.3	1612.3	1580.1	1532.5	1522.8
55°	1678.8	1684.9	1729.9	1774.9	1790.3	1749.9	1764.2	1757.0	1713.6	1659.3	1643.0
57.5°	1816.4	1825.6	1883.4	1934.0	1964.7	1930.4	1933.5	1915.1	1860.4	1794.9	1786.7
60°	1979.5	1983.6	2047.6	2113.6	2166.8	2146.3	2132.0	2093.6	2029.2	1963.7	1951.9
62.5°	2113.1	2121.2	2216.4	2313.6	2403.6	2407.2	2363.7	2306.4	2203.6	2094.1	2070.6
65°	2149.9	2163.2	2296.7	2488.5	2675.7	2759.1	2639.9	2465.0	2235.3	2070.1	2034.8
67.5°	1978.5	2004.1	2194.9	2513.6	2928.9	3179.0	2859.9	2389.8	2069.1	1876.2	1842.5
70°	1538.6	1549.9	1773.9	2211.3	2933.0	3446.0	2771.4	2075.2	1696.2	1489.0	1439.4
72.5°	817.4	823.0	1025.1	1489.0	2386.7	2977.0	2290.0	1452.2	998.5	810.2	753.5
75°	263.9	271.1	352.9	609.7	1316.6	2000.5	1350.4	604.1	344.2	277.8	262.9
77.5°	134.5	134.0	148.8	196.4	443.0	980.6	468.5	211.8	148.8	133.5	129.4
80°	83.9	82.4	93.6	107.4	155.0	286.4	168.3	118.7	94.1	80.8	80.3
82.5°	47.6	47.6	62.9	69.1	87.5	118.2	98.2	81.3	64.5	48.1	46.5
85°	26.6	23.5	39.4	43.5	50.1	58.3	59.8	52.7	43.5	26.6	27.6
87.5°	9.7	10.7	18.4	17.4	19.9	13.8	24.6	27.6	24.6	12.8	10.7
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)