

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: P672822

Luminaire Tested: **CCP-SA-1D-735-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672822
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-735-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ RW distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

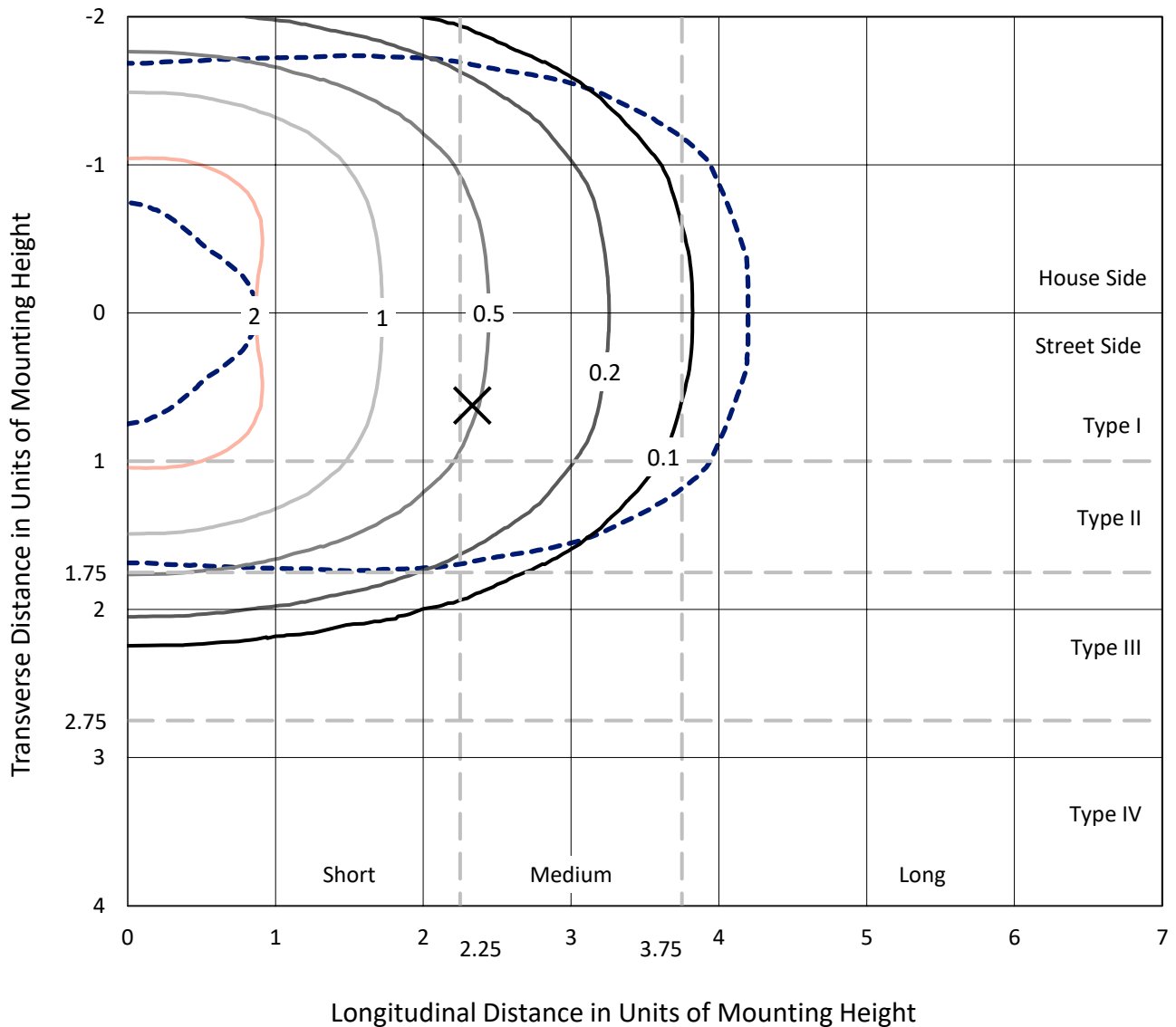
Lumens per Lamp: N/A
Luminaire Lumens: 5595.3 lumens
Efficiency: N/A
Efficacy: 127.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 44
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

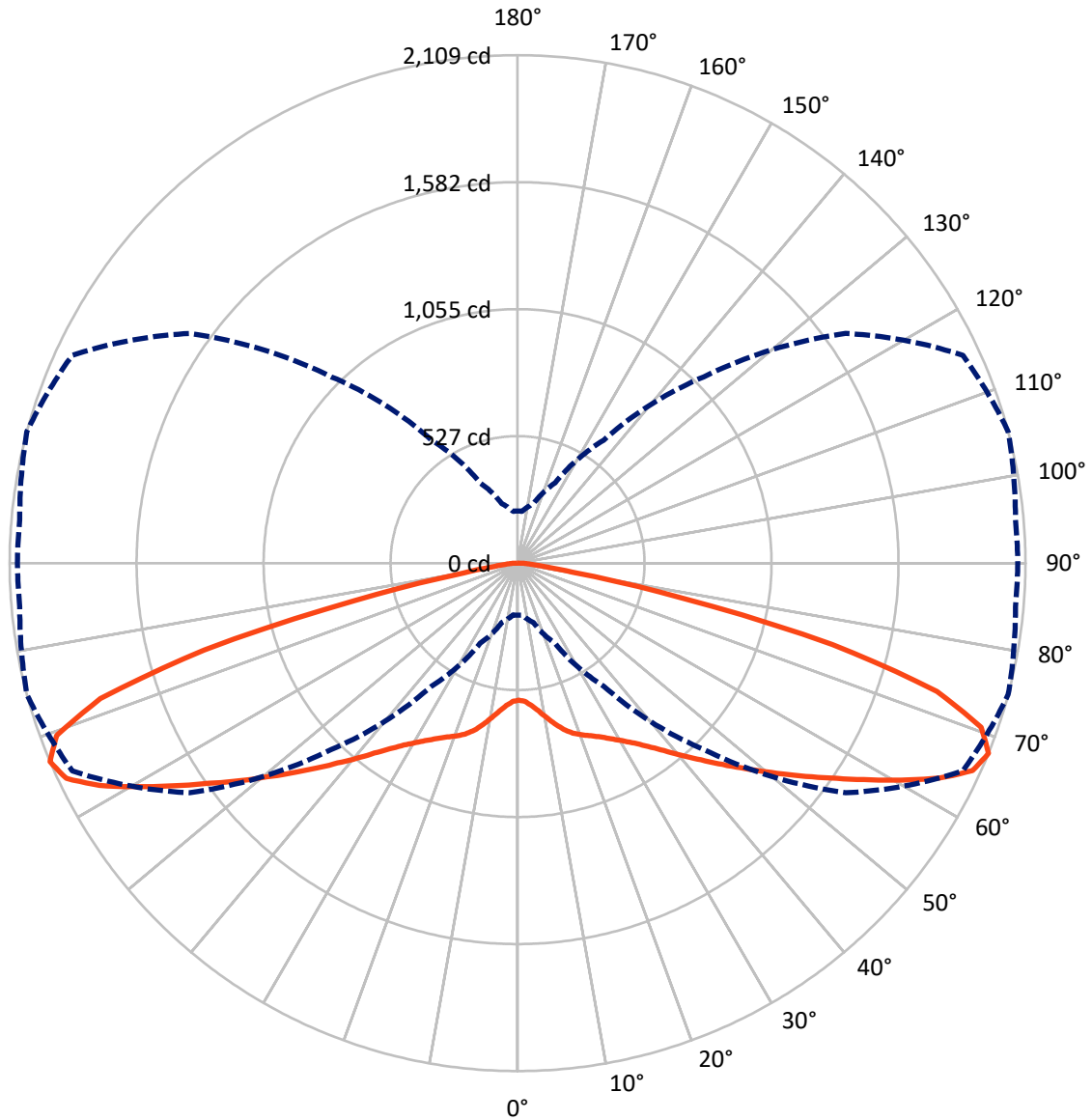
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.9 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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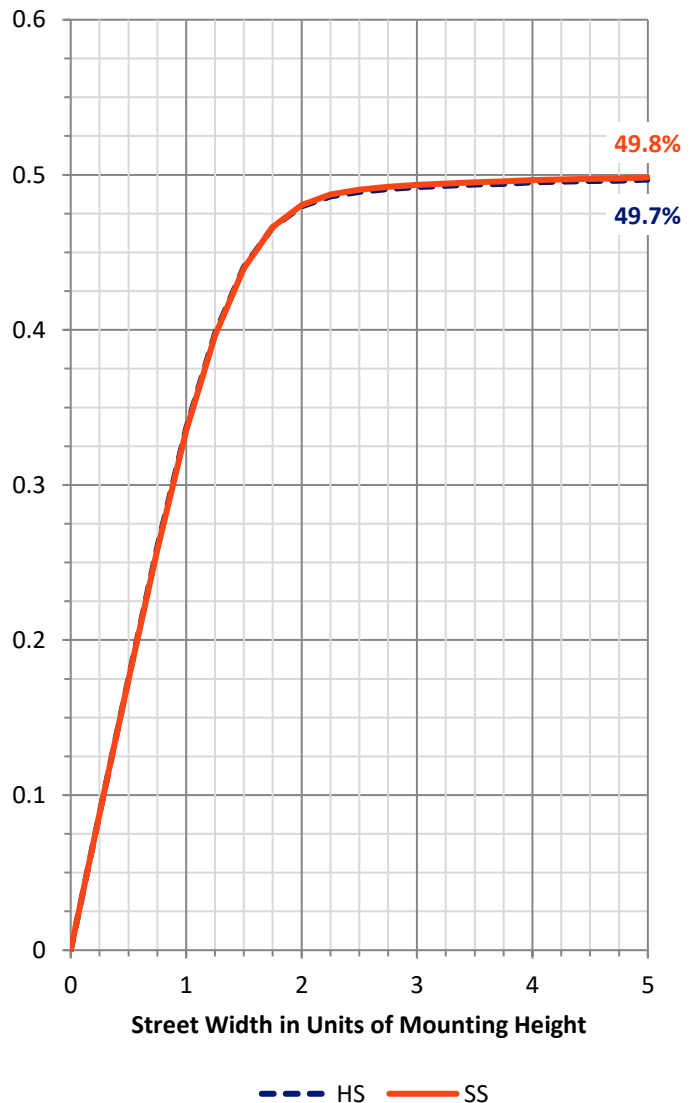
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2797.7	0.0	2797.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2797.7	0.0	2797.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	5595.3	0.0	5595.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.3	1.0
10°-20°	189.8	3.4
20°-30°	370.6	6.6
30°-40°	639.4	11.4
40°-50°	1035.7	18.5
50°-60°	1408.5	25.2
60°-70°	1299.4	23.2
70°-80°	543.7	9.7
80°-90°	51.9	0.9
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°	5595.3	100.0
0°-180°	5595.3	100.0



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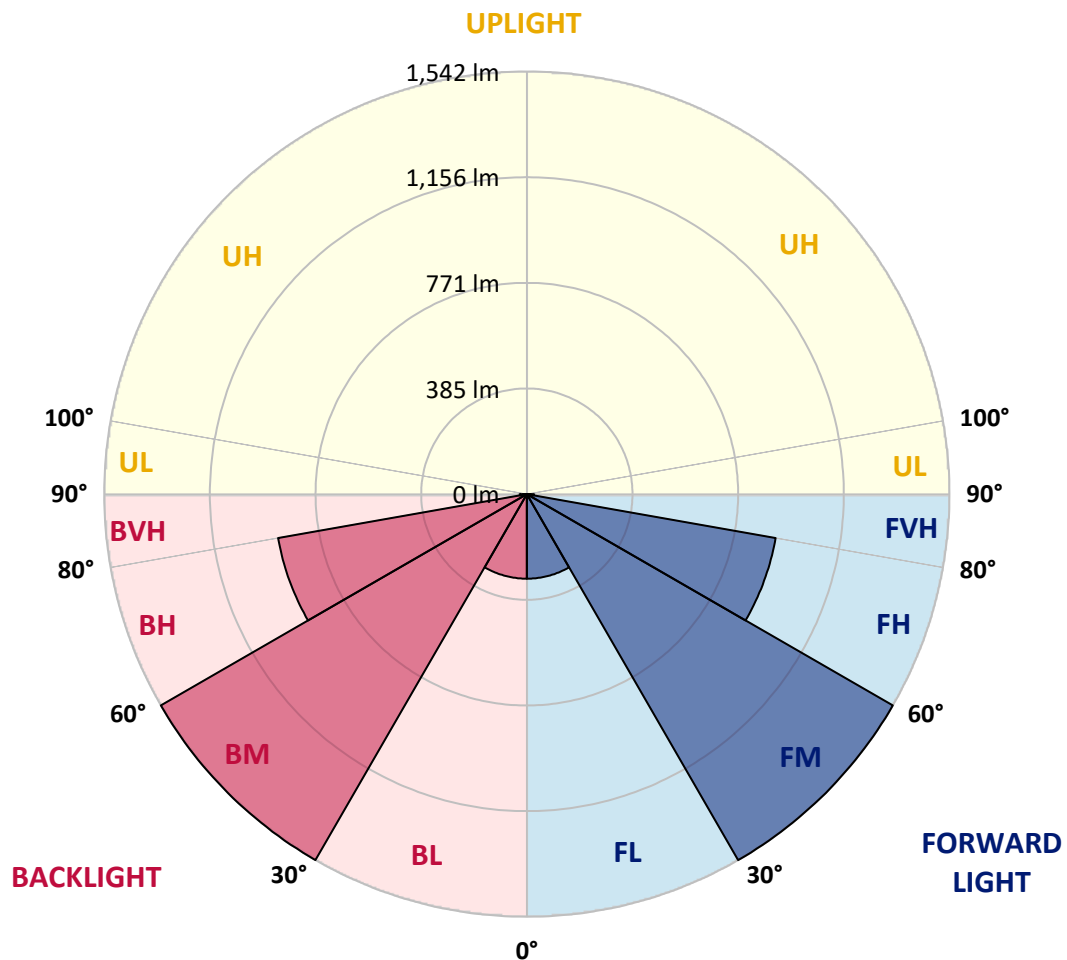
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	308.4	5.5			
FM (30°-60°)	1541.8	27.6			
FH (60°-80°)	921.6	16.5			G1/1800
FVH (80°-90°)	26.0	0.5			G1/100
BL (0°-30°)	308.4	5.5	B1/500		
BM (30°-60°)	1541.8	27.6	B2/2500		
BH (60°-80°)	921.6	16.5	B2/1000		G2/1000
BVH (80°-90°)	26.0	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	569.2	569.2	569.2	569.2	569.2	569.2	569.2	569.2	569.2	569.2	569.2
2.5°	565.6	565.6	567.2	569.2	570.0	571.7	572.1	572.1	574.5	574.1	574.5
5°	564.0	564.0	566.8	570.4	574.5	579.3	584.1	586.9	593.0	594.2	594.6
7.5°	565.6	566.0	570.0	576.1	582.9	591.8	601.0	608.7	618.7	622.3	624.8
10°	571.7	572.1	577.3	585.7	596.2	609.1	622.3	634.4	650.5	657.7	658.9
12.5°	580.9	581.3	588.9	602.6	617.5	633.6	648.5	663.8	683.9	694.8	697.2
15°	595.0	593.8	605.8	626.0	646.9	667.0	680.3	695.2	716.5	730.6	734.2
17.5°	614.3	615.1	630.0	655.7	681.5	702.0	715.3	723.7	742.2	756.7	760.3
20°	638.4	642.1	661.0	690.7	720.9	742.6	751.9	750.7	761.1	773.6	776.4
22.5°	672.6	675.0	698.0	731.4	766.0	788.5	792.1	778.8	778.4	786.5	790.1
25°	712.9	714.9	739.0	777.6	814.2	838.0	834.3	811.4	799.3	799.7	802.2
27.5°	759.9	763.9	788.9	828.3	866.1	887.8	882.6	849.2	825.5	818.3	816.6
30°	821.1	825.5	850.8	888.7	922.0	941.4	933.3	891.1	855.7	843.6	841.2
32.5°	900.7	900.3	926.5	963.1	986.4	998.9	983.2	935.3	890.7	874.6	871.4
35°	982.8	986.8	1012.6	1048.0	1065.7	1066.5	1041.5	987.6	934.5	906.8	900.7
37.5°	1075.3	1077.3	1107.1	1140.5	1152.2	1145.7	1108.7	1048.8	987.6	958.3	947.8
40°	1170.3	1172.3	1206.9	1239.0	1251.9	1236.6	1188.0	1116.3	1050.4	1018.2	1012.2
42.5°	1258.4	1263.6	1302.2	1340.0	1352.5	1334.8	1276.1	1190.4	1116.8	1085.8	1077.7
45°	1331.6	1337.2	1380.7	1428.9	1451.1	1436.6	1370.2	1273.6	1193.2	1159.8	1146.1
47.5°	1386.7	1393.9	1440.2	1498.1	1541.2	1538.3	1470.4	1361.7	1275.3	1235.8	1223.4
50°	1424.5	1432.1	1482.0	1544.4	1609.2	1630.9	1572.1	1459.1	1366.6	1322.3	1313.9
52.5°	1427.3	1434.2	1491.3	1568.9	1655.4	1703.3	1672.3	1561.7	1467.1	1421.3	1415.2
55°	1364.6	1369.4	1445.4	1548.8	1674.3	1758.8	1763.6	1673.5	1574.6	1528.3	1525.5
57.5°	1220.5	1227.4	1318.3	1455.1	1642.9	1794.6	1842.9	1790.6	1696.0	1652.6	1650.2
60°	986.0	994.9	1098.6	1280.5	1529.5	1785.4	1910.1	1900.4	1828.8	1786.6	1785.0
62.5°	695.6	698.8	807.0	1007.3	1307.4	1687.2	1942.6	2007.4	1966.4	1923.7	1926.2
65°	408.7	413.1	492.4	672.6	991.6	1461.5	1886.3	2081.8	2076.6	2037.6	2041.6
67.5°	216.0	216.0	255.9	367.7	623.5	1094.2	1662.3	2040.8	2109.2	2075.0	2077.0
70°	149.2	148.8	156.1	184.7	301.3	678.3	1243.5	1826.0	2042.8	2029.9	2035.2
72.5°	126.3	125.5	125.9	129.9	153.3	306.5	755.1	1406.4	1821.2	1840.9	1845.3
75°	110.6	109.4	108.6	107.8	109.8	139.2	344.4	867.7	1350.1	1474.0	1471.6
77.5°	95.3	94.5	93.7	90.9	87.7	91.3	140.8	390.2	694.3	819.5	810.6
80°	78.4	78.4	79.7	75.6	69.6	67.2	84.1	145.6	230.5	240.6	221.3
82.5°	61.6	61.6	67.6	62.0	54.7	48.7	58.3	77.6	93.7	76.0	62.0
85°	43.4	43.8	56.3	51.5	42.2	28.2	36.2	46.3	52.7	33.4	26.1
87.5°	17.7	18.9	35.0	27.8	26.6	14.1	16.9	20.5	26.1	14.1	11.3
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)