

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: P672847

Luminaire Tested: **CCP-SA-2A-750-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672847
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-750-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

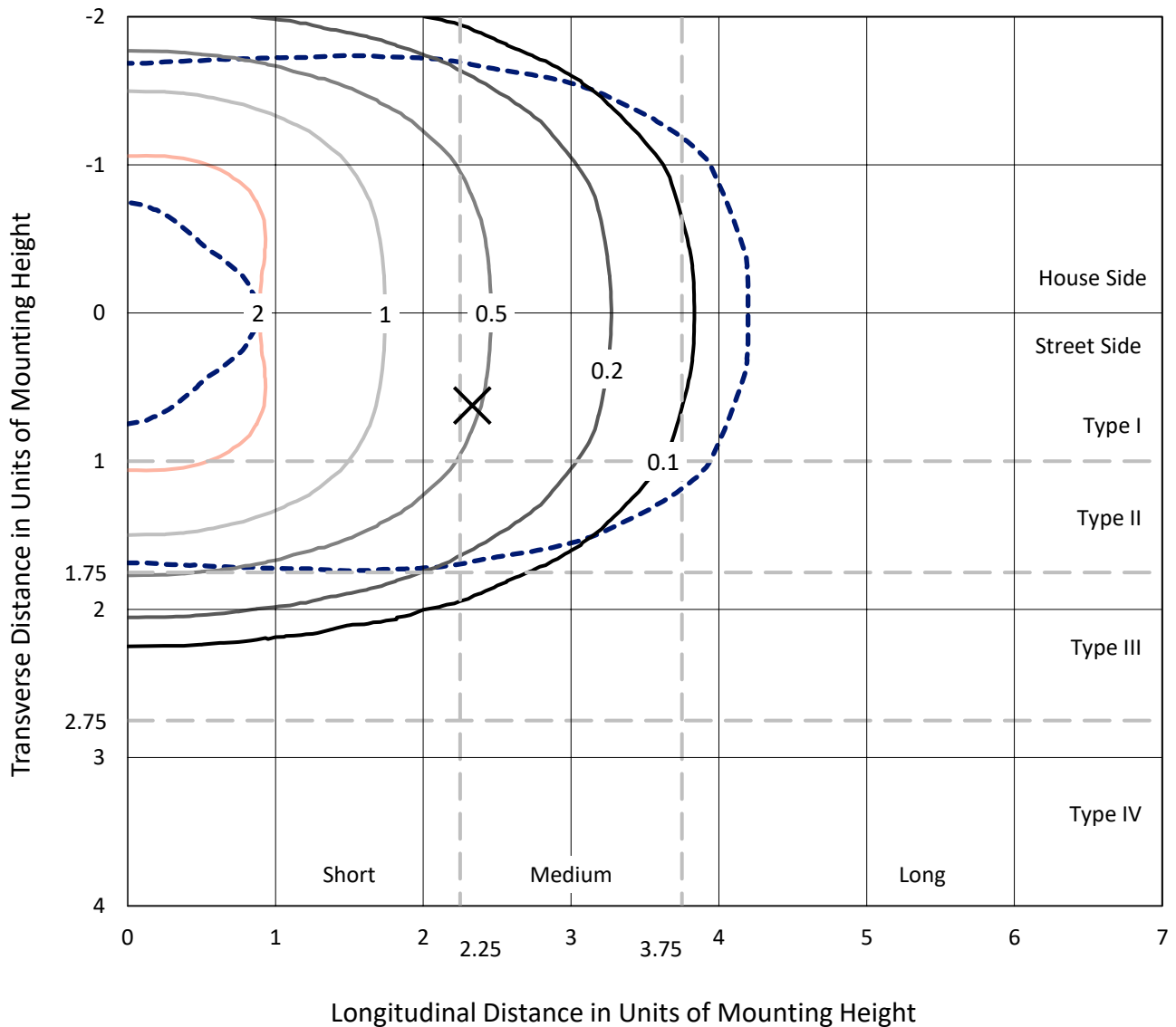
Lumens per Lamp: N/A
Luminaire Lumens: 5693.4 lumens
Efficiency: N/A
Efficacy: 157.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 36.2
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

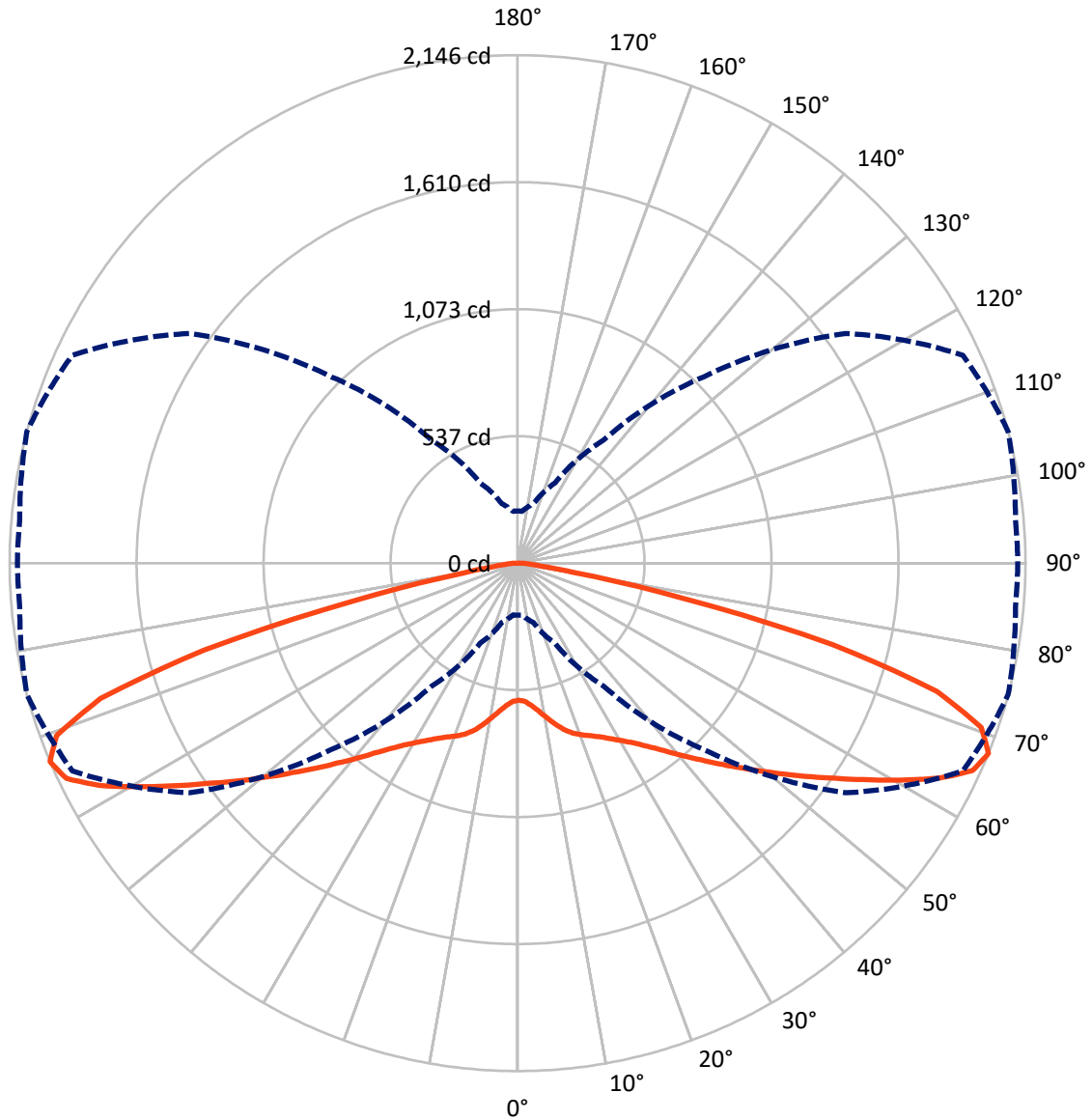
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3 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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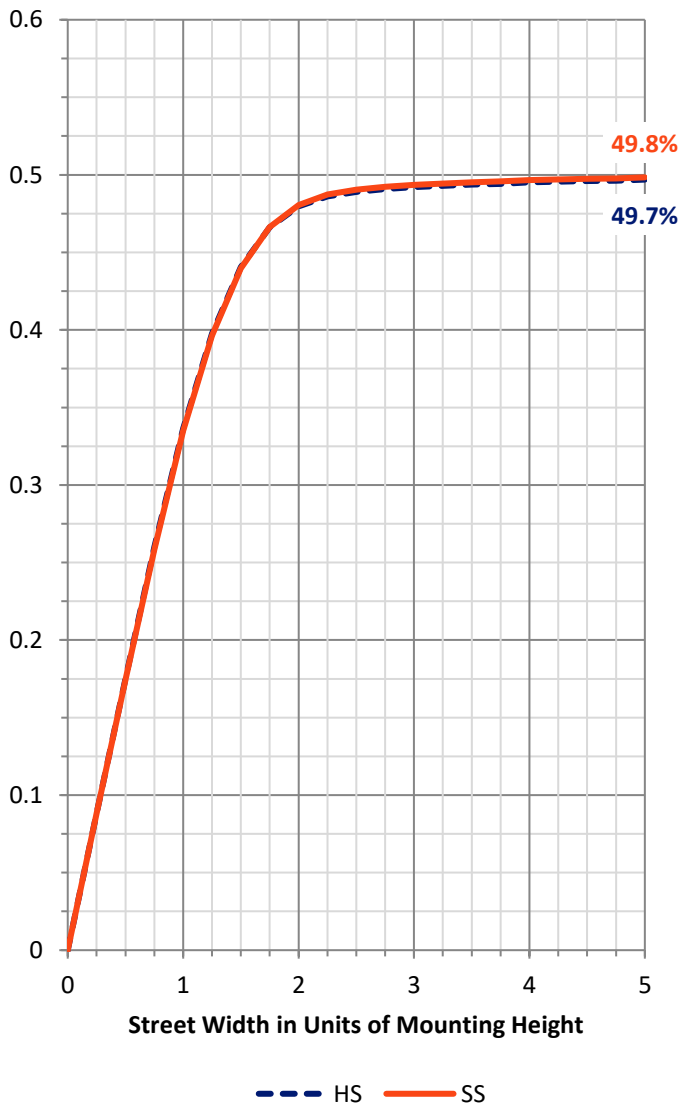
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2846.7	0.0	2846.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2846.7	0.0	2846.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	5693.4	0.0	5693.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.3	1.0
10°-20°	193.1	3.4
20°-30°	377.1	6.6
30°-40°	650.6	11.4
40°-50°	1053.8	18.5
50°-60°	1433.2	25.2
60°-70°	1322.2	23.2
70°-80°	553.2	9.7
80°-90°	52.8	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°	5693.4	100.0
0°-180°	5693.4	100.0



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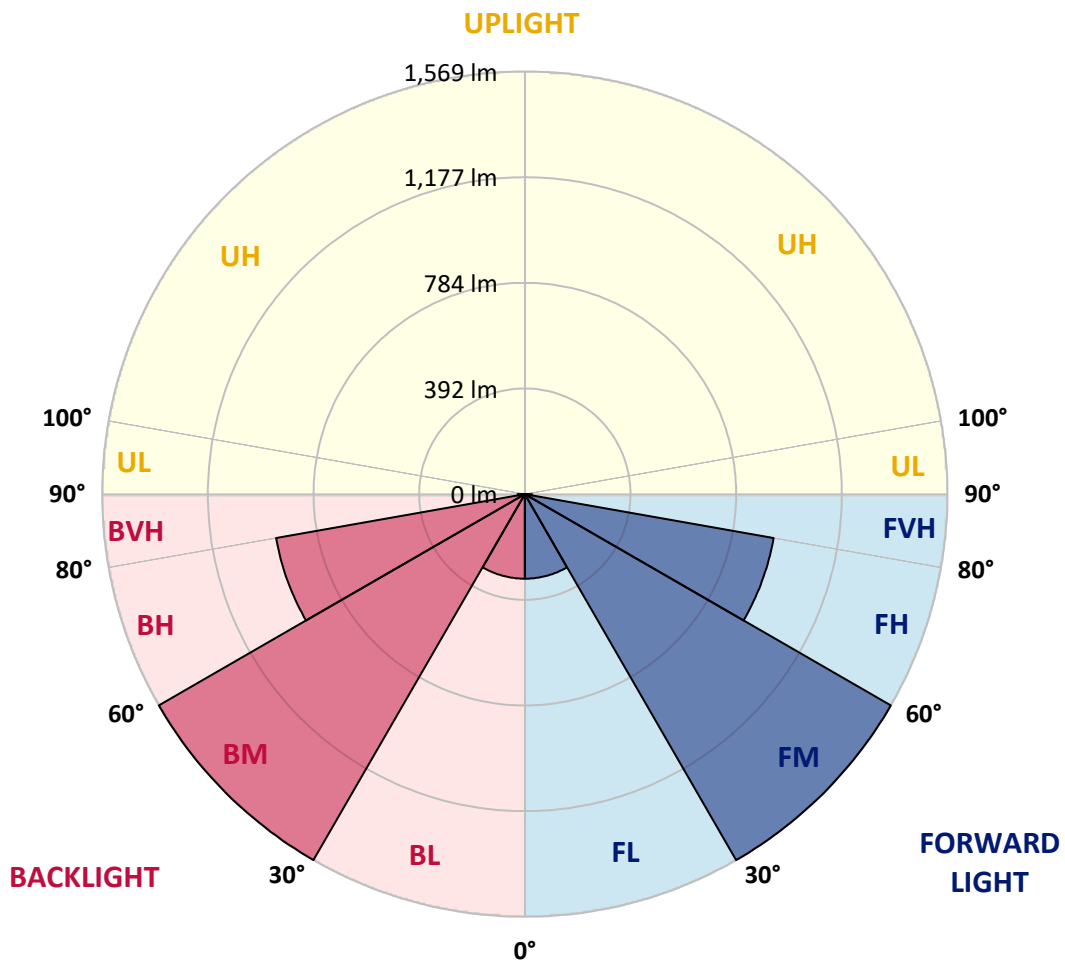
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	313.8	5.5			
FM (30°-60°)	1568.8	27.6			
FH (60°-80°)	937.7	16.5			G1/1800
FVH (80°-90°)	26.4	0.5			G1/100
BL (0°-30°)	313.8	5.5	B1/500		
BM (30°-60°)	1568.8	27.6	B2/2500		
BH (60°-80°)	937.7	16.5	B2/1000		G2/1000
BVH (80°-90°)	26.4	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°	579.2	579.2	579.2	579.2	579.2	579.2	579.2	579.2	579.2	579.2	579.2
2.5°	575.5	575.5	577.2	579.2	580.0	581.7	582.1	582.1	584.5	584.1	584.5
5°	573.9	573.9	576.8	580.4	584.5	589.5	594.4	597.2	603.4	604.6	605.0
7.5°	575.5	575.9	580.0	586.2	593.1	602.1	611.6	619.3	629.6	633.3	635.7
10°	581.7	582.1	587.4	596.0	606.6	619.7	633.3	645.5	661.9	669.3	670.5
12.5°	591.1	591.5	599.3	613.2	628.3	644.7	659.9	675.4	695.9	706.9	709.4
15°	605.4	604.2	616.5	636.9	658.2	678.7	692.2	707.3	729.0	743.4	747.0
17.5°	625.1	625.9	641.0	667.2	693.4	714.3	727.8	736.4	755.2	770.0	773.7
20°	649.6	653.3	672.5	702.8	733.5	755.6	765.1	763.8	774.5	787.2	790.0
22.5°	684.4	686.9	710.2	744.2	779.4	802.3	806.0	792.5	792.1	800.3	803.9
25°	725.4	727.4	752.0	791.3	828.5	852.7	849.0	825.6	813.4	813.8	816.2
27.5°	773.2	777.3	802.7	842.8	881.3	903.4	898.1	864.1	840.0	832.6	831.0
30°	835.5	840.0	865.8	904.2	938.2	957.9	949.7	906.7	870.7	858.4	855.9
32.5°	916.5	916.1	942.7	980.0	1003.7	1016.4	1000.4	951.7	906.3	889.9	886.6
35°	1000.0	1004.1	1030.3	1066.3	1084.3	1085.2	1059.8	1004.9	950.9	922.7	916.5
37.5°	1094.2	1096.2	1126.5	1160.5	1172.4	1165.8	1128.1	1067.2	1004.9	975.1	964.4
40°	1190.8	1192.8	1228.0	1260.8	1273.9	1258.3	1208.8	1135.9	1068.8	1036.0	1029.9
42.5°	1280.4	1285.7	1325.0	1363.5	1376.2	1358.2	1298.4	1211.2	1136.3	1104.8	1096.6
45°	1354.9	1360.7	1404.9	1454.0	1476.5	1461.8	1394.2	1296.0	1214.1	1180.1	1166.2
47.5°	1411.0	1418.4	1465.4	1524.4	1568.2	1565.3	1496.1	1385.6	1297.6	1257.5	1244.8
50°	1449.5	1457.3	1508.0	1571.5	1637.4	1659.5	1599.7	1484.7	1390.5	1345.5	1336.9
52.5°	1452.3	1459.3	1517.4	1596.4	1684.4	1733.2	1701.6	1589.1	1492.9	1446.2	1440.1
55°	1388.5	1393.4	1470.8	1576.0	1703.7	1789.6	1794.6	1702.9	1602.2	1555.1	1552.2
57.5°	1241.9	1248.9	1341.4	1480.6	1671.8	1826.1	1875.2	1822.0	1725.8	1681.6	1679.1
60°	1003.3	1012.3	1117.9	1302.9	1556.3	1816.7	1943.6	1933.7	1860.9	1817.9	1816.2
62.5°	707.8	711.0	821.1	1025.0	1330.4	1716.8	1976.7	2042.6	2000.9	1957.5	1959.9
65°	415.9	420.4	501.0	684.4	1009.0	1487.1	1919.4	2118.3	2113.0	2073.3	2077.4
67.5°	219.8	219.8	260.3	374.1	634.5	1113.4	1691.4	2076.6	2146.2	2111.4	2113.4
70°	151.9	151.5	158.8	187.9	306.6	690.1	1265.3	1858.0	2078.6	2065.5	2070.9
72.5°	128.5	127.7	128.1	132.2	156.0	311.9	768.3	1431.1	1853.1	1873.1	1877.6
75°	112.6	111.3	110.5	109.7	111.8	141.6	350.4	882.9	1373.8	1499.8	1497.4
77.5°	97.0	96.2	95.4	92.5	89.2	92.9	143.3	397.1	706.5	833.8	824.8
80°	79.8	79.8	81.0	77.0	70.8	68.4	85.6	148.2	234.6	244.8	225.1
82.5°	62.6	62.6	68.8	63.0	55.7	49.5	59.4	79.0	95.4	77.4	63.0
85°	44.2	44.6	57.3	52.4	43.0	28.7	36.8	47.1	53.6	34.0	26.6
87.5°	18.0	19.2	35.6	28.2	27.0	14.3	17.2	20.9	26.6	14.3	11.5
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)