

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: P672892

Luminaire Tested: **CCP-SA-2B-835-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672892
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-835-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ RW distribution lens
Light Source: (32) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

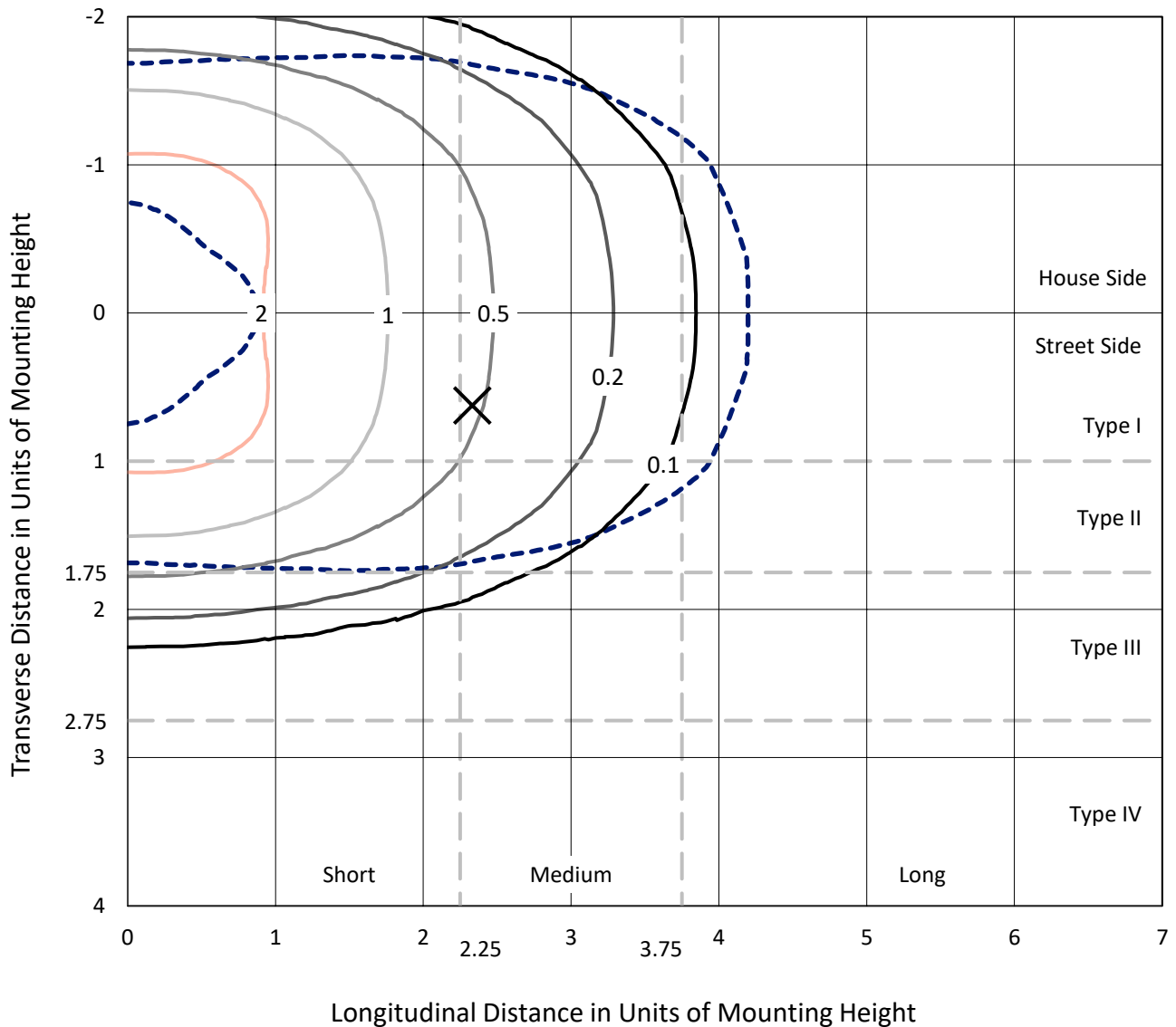
Lumens per Lamp: N/A
Luminaire Lumens: 5788.8 lumens
Efficiency: N/A
Efficacy: 125.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 46
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

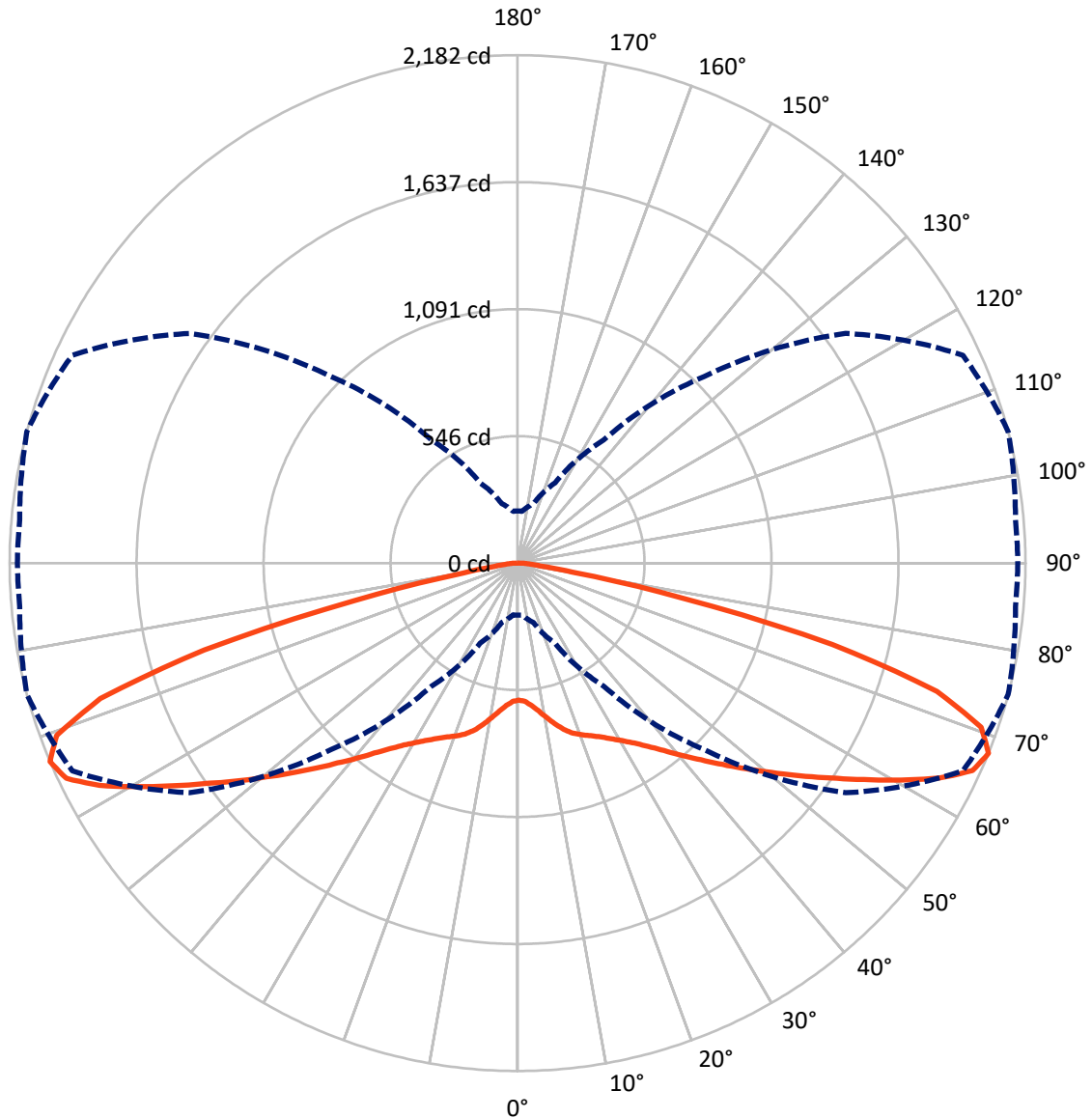
× Max cd
 - - - 1/2 Max cd



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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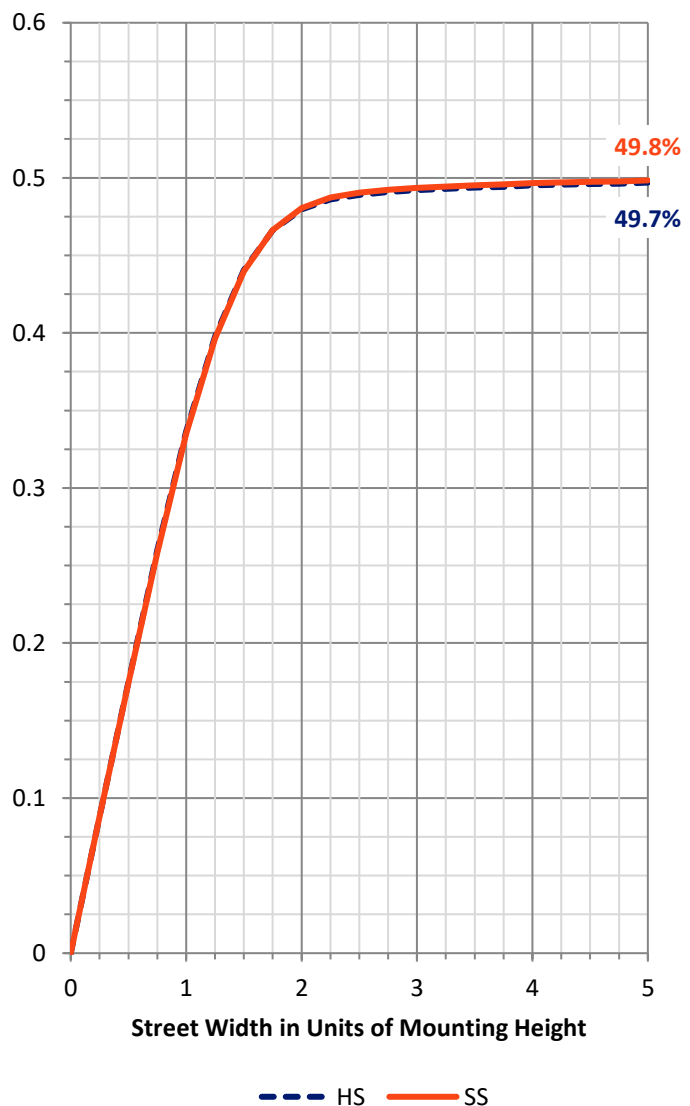
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2894.4	0.0	2894.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2894.4	0.0	2894.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	5788.8	0.0	5788.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.3	1.0
10°-20°	196.4	3.4
20°-30°	383.4	6.6
30°-40°	661.5	11.4
40°-50°	1071.5	18.5
50°-60°	1457.2	25.2
60°-70°	1344.3	23.2
70°-80°	562.5	9.7
80°-90°	53.7	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°	5788.8	100.0
0°-180°	5788.8	100.0



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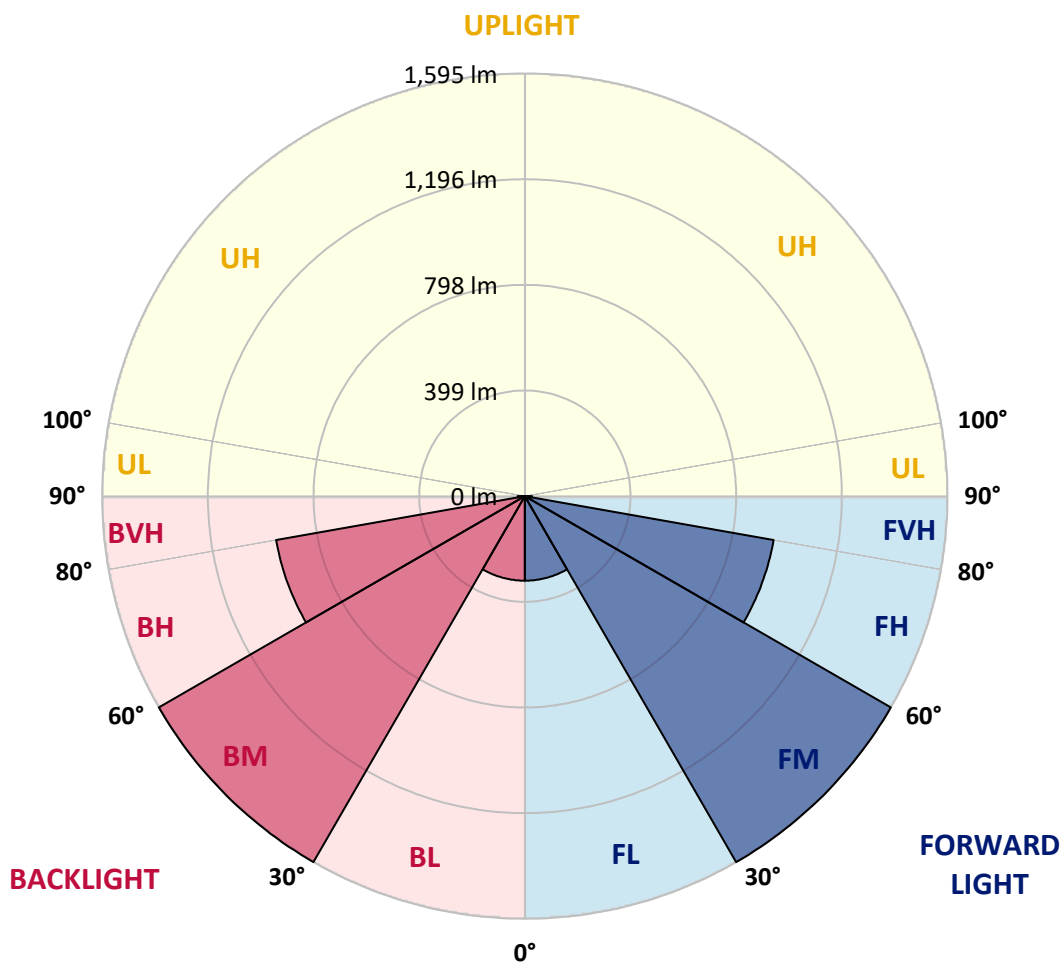
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	319.0	5.5			
FM (30°-60°)	1595.1	27.6			
FH (60°-80°)	953.4	16.5			G1/1800
FVH (80°-90°)	26.9	0.5			G1/100
BL (0°-30°)	319.0	5.5	B1/500		
BM (30°-60°)	1595.1	27.6	B2/2500		
BH (60°-80°)	953.4	16.5	B2/1000		G2/1000
BVH (80°-90°)	26.9	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°	588.9	588.9	588.9	588.9	588.9	588.9	588.9	588.9	588.9	588.9	588.9
2.5°	585.2	585.2	586.8	588.9	589.8	591.4	591.8	591.8	594.3	593.9	594.3
5°	583.5	583.5	586.4	590.2	594.3	599.3	604.3	607.2	613.5	614.7	615.1
7.5°	585.2	585.6	589.8	596.0	603.1	612.2	621.8	629.7	640.1	643.9	646.4
10°	591.4	591.8	597.2	606.0	616.8	630.1	643.9	656.3	673.0	680.5	681.7
12.5°	601.0	601.4	609.3	623.5	638.9	655.5	670.9	686.7	707.5	718.8	721.3
15°	615.6	614.3	626.8	647.6	669.3	690.1	703.8	719.2	741.3	755.8	759.6
17.5°	635.5	636.4	651.8	678.4	705.0	726.3	740.0	748.7	767.9	782.9	786.6
20°	660.5	664.3	683.8	714.6	745.8	768.3	777.9	776.6	787.5	800.4	803.3
22.5°	695.9	698.4	722.1	756.7	792.4	815.8	819.5	805.8	805.3	813.7	817.4
25°	737.5	739.6	764.6	804.5	842.4	866.9	863.2	839.5	827.0	827.4	829.9
27.5°	786.2	790.4	816.2	857.0	896.1	918.6	913.1	878.6	854.0	846.6	844.9
30°	849.5	854.0	880.3	919.4	953.9	973.9	965.6	921.9	885.3	872.8	870.3
32.5°	931.9	931.5	958.5	996.4	1020.5	1033.4	1017.2	967.7	921.5	904.8	901.5
35°	1016.8	1020.9	1047.6	1084.2	1102.5	1103.3	1077.5	1021.8	966.8	938.1	931.9
37.5°	1112.5	1114.6	1145.4	1179.9	1192.0	1185.3	1147.0	1085.0	1021.8	991.4	980.6
40°	1210.7	1212.8	1248.6	1281.9	1295.2	1279.4	1229.0	1155.0	1086.7	1053.4	1047.2
42.5°	1301.9	1307.3	1347.2	1386.4	1399.3	1381.0	1320.2	1231.5	1155.4	1123.3	1115.0
45°	1377.6	1383.5	1428.4	1478.3	1501.2	1486.3	1417.6	1317.7	1234.5	1199.9	1185.8
47.5°	1434.6	1442.1	1490.0	1549.9	1594.5	1591.6	1521.2	1408.8	1319.4	1278.6	1265.7
50°	1473.8	1481.7	1533.3	1597.8	1664.8	1687.3	1626.5	1509.6	1413.8	1368.1	1359.3
52.5°	1476.7	1483.8	1542.9	1623.2	1712.7	1762.2	1730.1	1615.7	1517.9	1470.4	1464.2
55°	1411.8	1416.7	1495.4	1602.4	1732.2	1819.6	1824.6	1731.4	1629.0	1581.1	1578.2
57.5°	1262.8	1269.8	1363.9	1505.4	1699.8	1856.7	1906.6	1852.5	1754.7	1709.8	1707.3
60°	1020.1	1029.3	1136.6	1324.8	1582.4	1847.1	1976.1	1966.1	1892.0	1848.3	1846.7
62.5°	719.6	722.9	834.9	1042.2	1352.7	1745.5	2009.8	2076.8	2034.4	1990.3	1992.8
65°	422.9	427.4	509.4	695.9	1025.9	1512.1	1951.6	2153.8	2148.4	2108.1	2112.2
67.5°	223.5	223.5	264.7	380.4	645.1	1132.1	1719.7	2111.4	2182.1	2146.8	2148.8
70°	154.4	154.0	161.5	191.0	311.7	701.7	1286.5	1889.1	2113.5	2100.1	2105.6
72.5°	130.7	129.9	130.3	134.4	158.6	317.1	781.2	1455.0	1884.1	1904.5	1909.1
75°	114.5	113.2	112.4	111.5	113.6	144.0	356.3	897.7	1396.8	1525.0	1522.5
77.5°	98.6	97.8	97.0	94.1	90.7	94.5	145.7	403.7	718.4	847.8	838.6
80°	81.2	81.2	82.4	78.2	72.0	69.5	87.0	150.7	238.5	248.9	228.9
82.5°	63.7	63.7	69.9	64.1	56.6	50.4	60.3	80.3	97.0	78.7	64.1
85°	44.9	45.4	58.3	53.3	43.7	29.1	37.5	47.9	54.5	34.5	27.1
87.5°	18.3	19.6	36.2	28.7	27.5	14.6	17.5	21.2	27.1	14.6	11.7
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)