

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: P672832

Luminaire Tested: **CCP-SA-1C-740-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672832
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-740-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

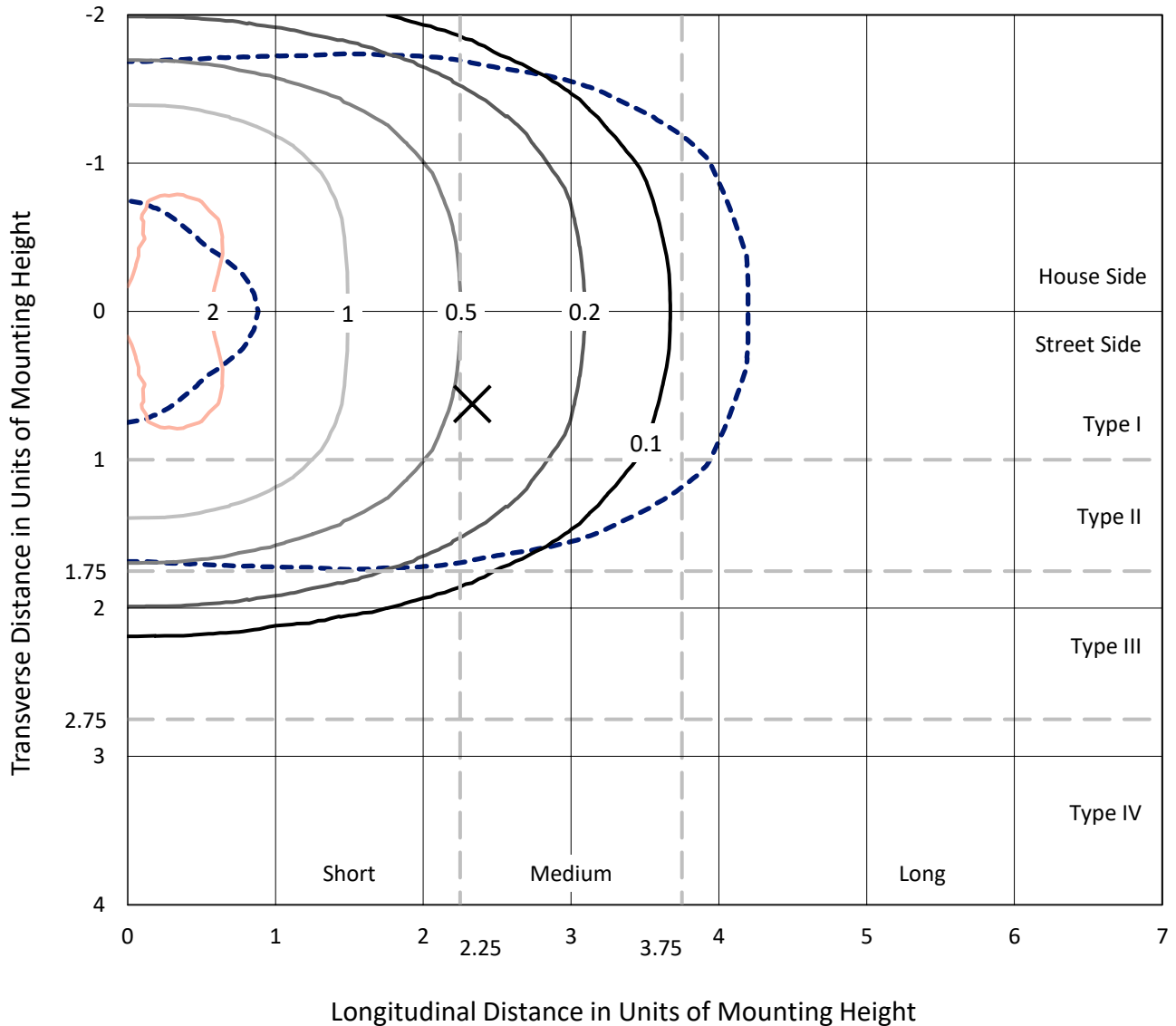
Lumens per Lamp: N/A
Luminaire Lumens: 4599.2 lumens
Efficiency: N/A
Efficacy: 143.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 32
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

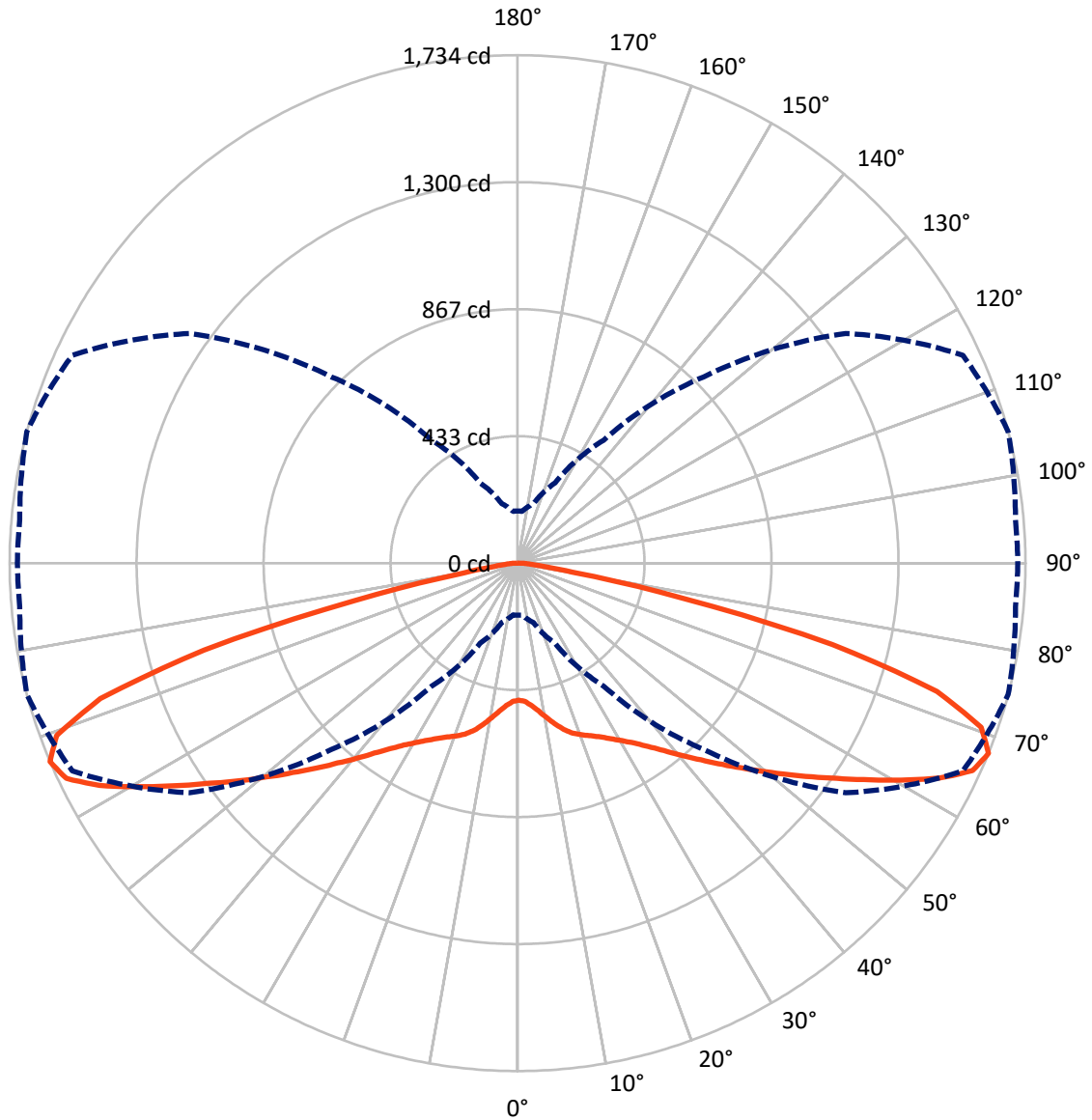
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.4 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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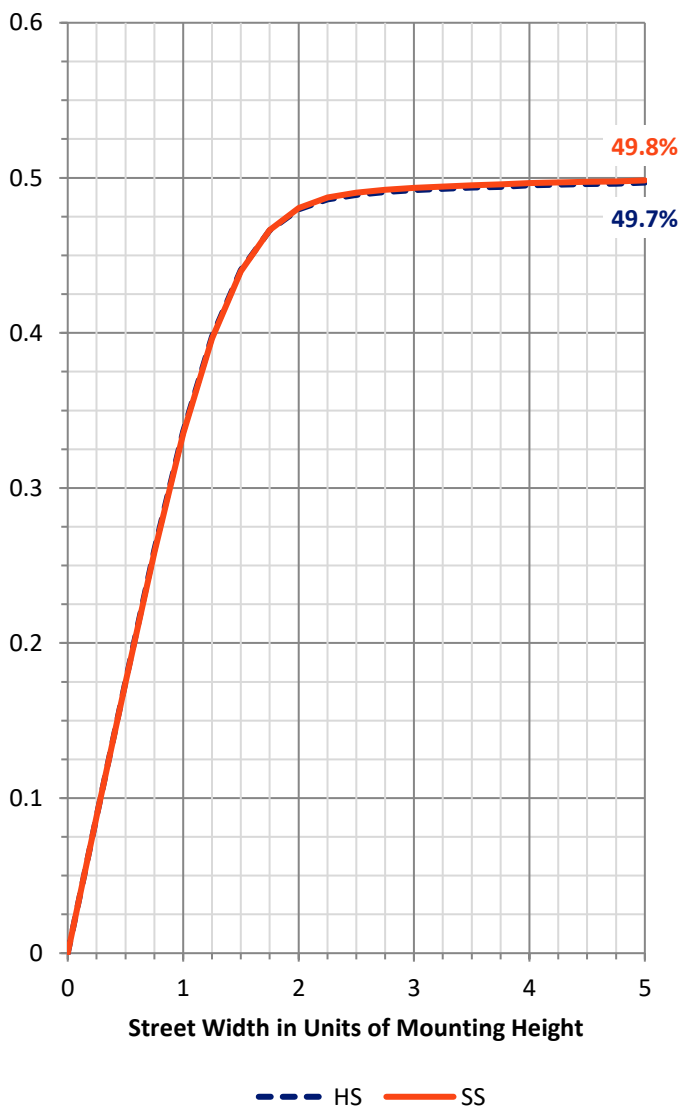
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2299.6	0.0	2299.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2299.6	0.0	2299.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	4599.2	0.0	4599.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.3	1.0
10°-20°	156.0	3.4
20°-30°	304.6	6.6
30°-40°	525.5	11.4
40°-50°	851.3	18.5
50°-60°	1157.8	25.2
60°-70°	1068.1	23.2
70°-80°	446.9	9.7
80°-90°	42.7	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°	4599.2	100.0
0°-180°	4599.2	100.0



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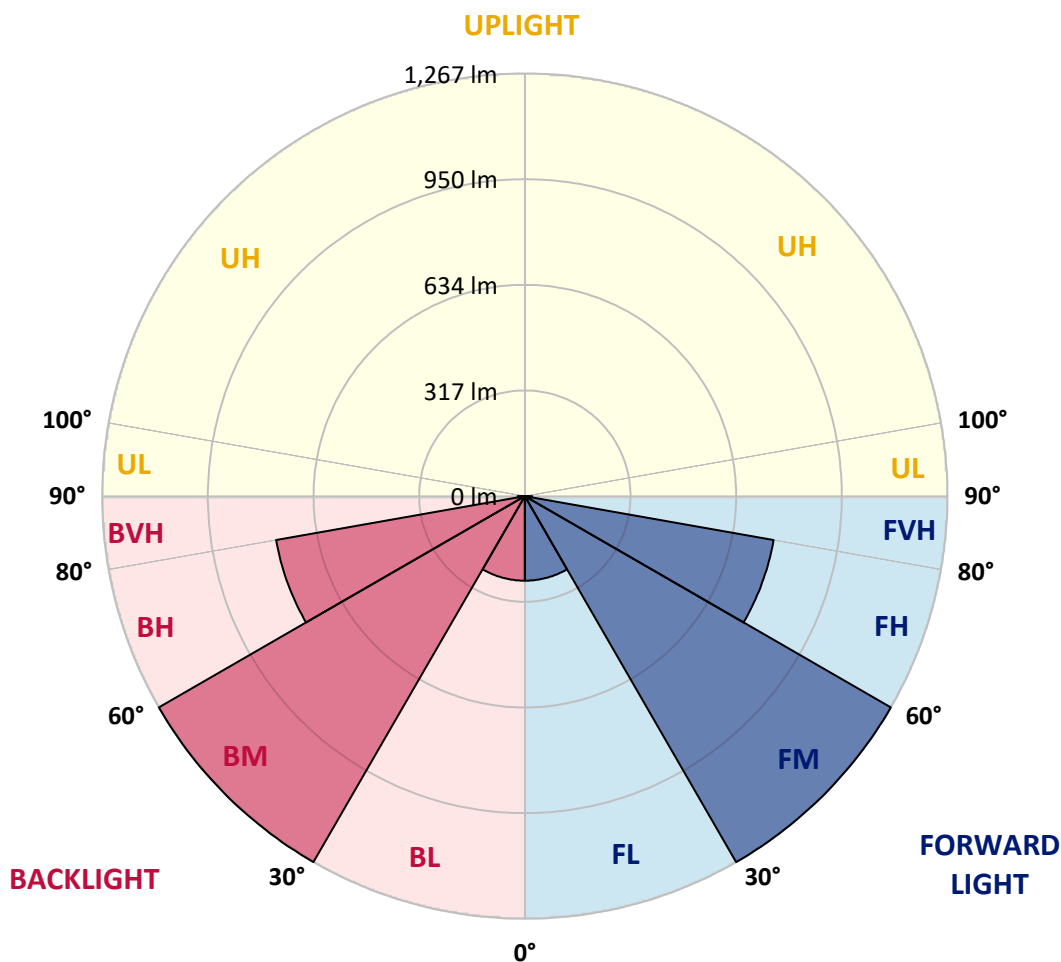
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	253.5	5.5			
FM (30°-60°)	1267.3	27.6			
FH (60°-80°)	757.5	16.5			G1/1800
FVH (80°-90°)	21.3	0.5			G1/100
BL (0°-30°)	253.5	5.5	B1/500		
BM (30°-60°)	1267.3	27.6	B2/2500		
BH (60°-80°)	757.5	16.5	B2/1000		G2/1000
BVH (80°-90°)	21.3	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°	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9
2.5°	464.9	464.9	466.2	467.9	468.6	469.9	470.2	470.2	472.2	471.9	472.2
5°	463.6	463.6	465.9	468.9	472.2	476.2	480.1	482.4	487.4	488.4	488.7
7.5°	464.9	465.3	468.6	473.5	479.1	486.4	494.0	500.3	508.6	511.5	513.5
10°	469.9	470.2	474.5	481.5	490.1	500.6	511.5	521.5	534.7	540.6	541.6
12.5°	477.5	477.8	484.1	495.3	507.6	520.8	533.0	545.6	562.1	571.1	573.1
15°	489.1	488.1	498.0	514.5	531.7	548.3	559.2	571.4	588.9	600.5	603.5
17.5°	504.9	505.6	517.8	539.0	560.2	577.0	587.9	594.9	610.1	622.0	625.0
20°	524.8	527.8	543.3	567.8	592.6	610.4	618.0	617.0	625.6	635.9	638.2
22.5°	552.9	554.9	573.7	601.2	629.6	648.1	651.1	640.2	639.8	646.5	649.4
25°	585.9	587.6	607.4	639.2	669.3	688.8	685.8	667.0	657.0	657.4	659.4
27.5°	624.6	627.9	648.4	680.9	711.9	729.8	725.5	698.0	678.5	672.6	671.3
30°	674.9	678.5	699.4	730.5	757.9	773.8	767.2	732.4	703.3	693.4	691.4
32.5°	740.4	740.0	761.5	791.6	810.8	821.1	808.2	768.8	732.1	718.9	716.2
35°	807.8	811.1	832.3	861.4	875.9	876.6	856.1	811.8	768.1	745.3	740.4
37.5°	883.9	885.5	910.0	937.5	947.0	941.7	911.3	862.1	811.8	787.7	779.1
40°	961.9	963.6	992.0	1018.5	1029.0	1016.5	976.5	917.6	863.4	836.9	832.0
42.5°	1034.3	1038.6	1070.4	1101.5	1111.7	1097.2	1048.9	978.5	917.9	892.5	885.9
45°	1094.5	1099.1	1134.9	1174.5	1192.7	1180.8	1126.3	1046.9	980.8	953.3	942.1
47.5°	1139.8	1145.8	1183.8	1231.4	1266.8	1264.5	1208.6	1119.3	1048.2	1015.8	1005.6
50°	1170.9	1177.2	1218.2	1269.4	1322.7	1340.5	1292.3	1199.3	1123.3	1086.9	1080.0
52.5°	1173.2	1178.8	1225.8	1289.6	1360.7	1400.1	1374.6	1283.7	1206.0	1168.3	1163.3
55°	1121.6	1125.6	1188.1	1273.1	1376.3	1445.7	1449.7	1375.6	1294.2	1256.2	1253.9
57.5°	1003.3	1008.9	1083.6	1196.0	1350.5	1475.1	1514.8	1471.8	1394.1	1358.4	1356.4
60°	810.5	817.7	903.1	1052.5	1257.2	1467.5	1570.0	1562.1	1503.2	1468.5	1467.2
62.5°	571.7	574.4	663.3	828.0	1074.7	1386.8	1596.8	1650.0	1616.3	1581.3	1583.3
65°	336.0	339.6	404.7	552.9	815.1	1201.3	1550.5	1711.2	1706.9	1674.8	1678.2
67.5°	177.6	177.6	210.3	302.2	512.5	899.4	1366.3	1677.5	1733.7	1705.6	1707.3
70°	122.7	122.3	128.3	151.8	247.7	557.5	1022.1	1500.9	1679.1	1668.6	1672.9
72.5°	103.8	103.2	103.5	106.8	126.0	252.0	620.7	1156.0	1496.9	1513.1	1516.8
75°	90.9	89.9	89.3	88.6	90.3	114.4	283.1	713.3	1109.7	1211.6	1209.6
77.5°	78.4	77.7	77.0	74.7	72.1	75.1	115.7	320.8	570.7	673.6	666.3
80°	64.5	64.5	65.5	62.2	57.2	55.2	69.1	119.7	189.5	197.7	181.9
82.5°	50.6	50.6	55.6	50.9	45.0	40.0	47.9	63.8	77.0	62.5	50.9
85°	35.7	36.0	46.3	42.3	34.7	23.1	29.8	38.0	43.3	27.4	21.5
87.5°	14.5	15.5	28.8	22.8	21.8	11.6	13.9	16.9	21.5	11.6	9.3
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)