

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: P672810

Luminaire Tested: **CCP-SA-1C-730-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672810
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-730-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

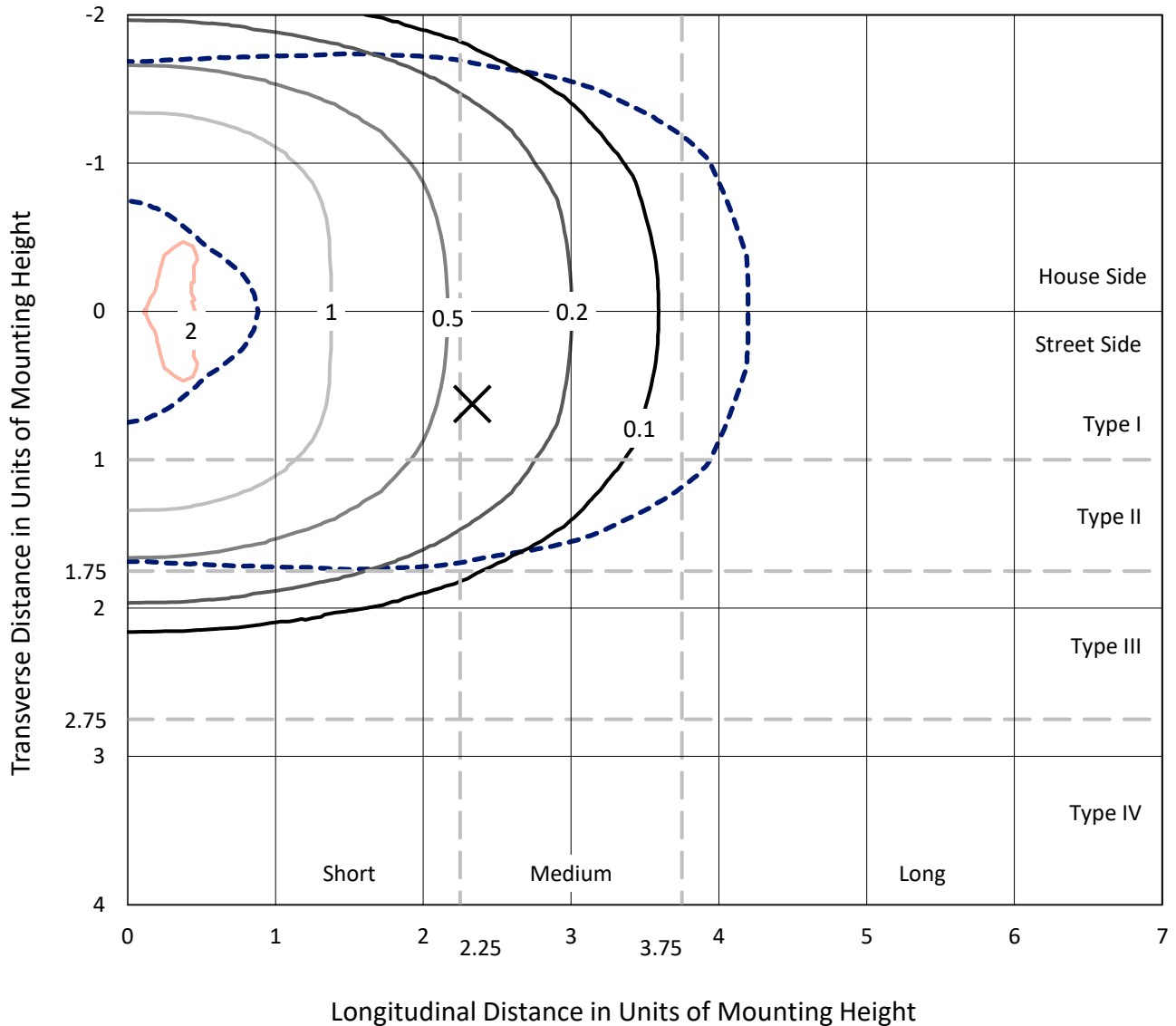
Lumens per Lamp: N/A
Luminaire Lumens: 4188 lumens
Efficiency: N/A
Efficacy: 130.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

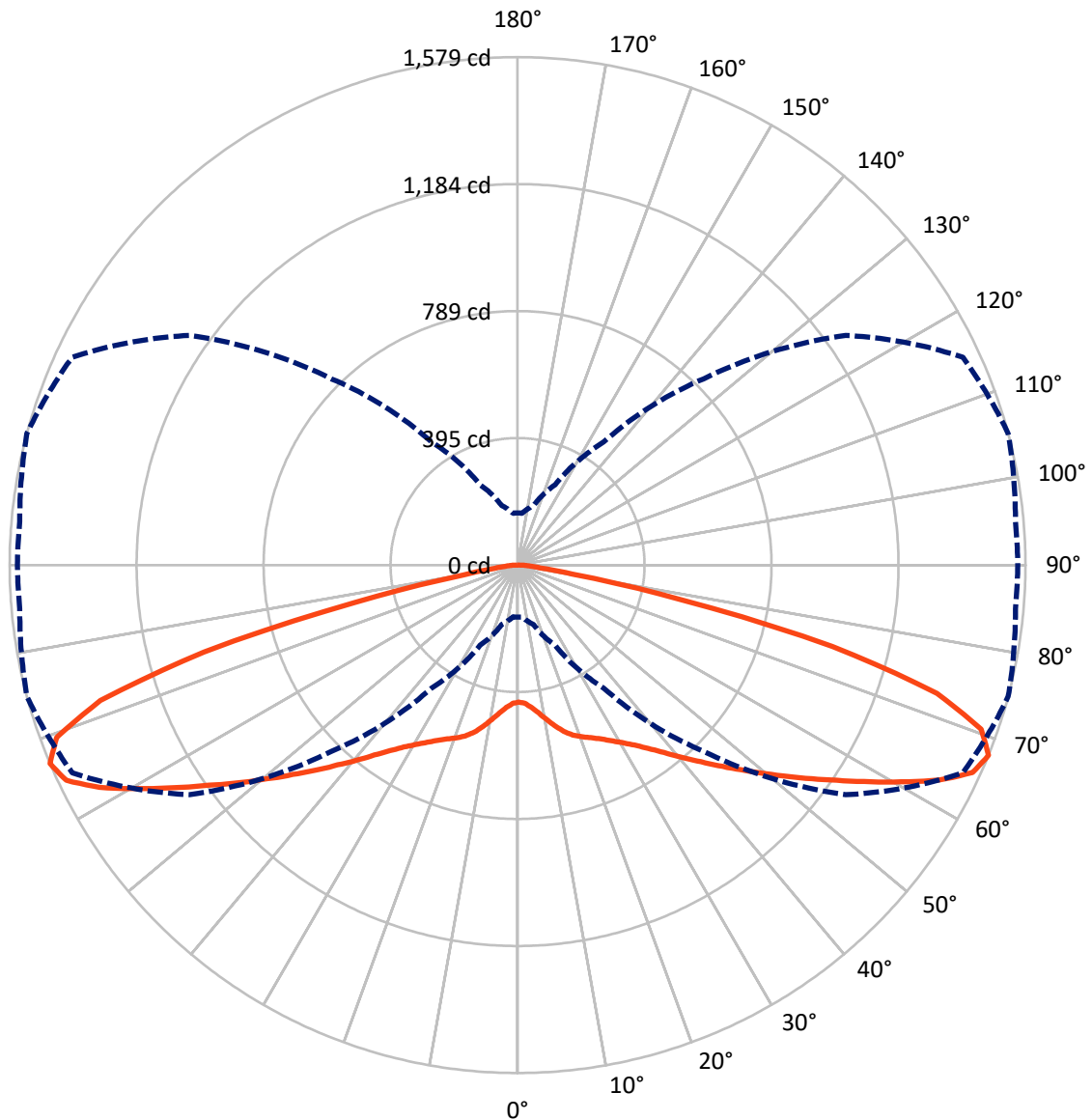
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.2 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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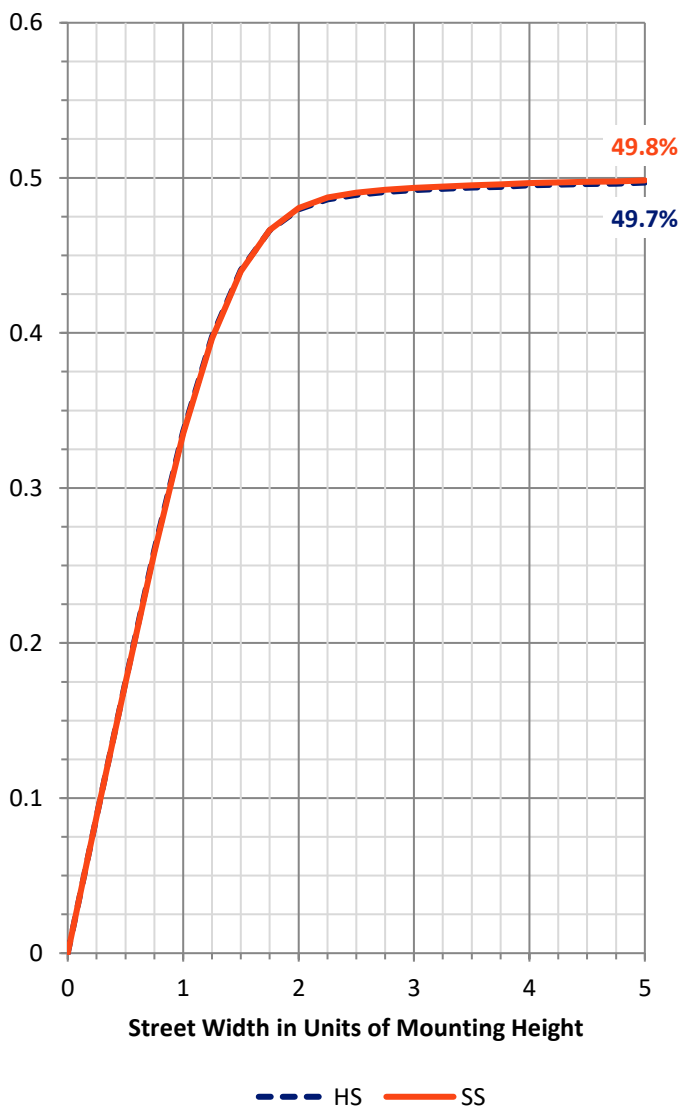
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2094.0	0.0	2094.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2094.0	0.0	2094.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4188.0	0.0	4188.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.2	1.0
10°-20°	142.1	3.4
20°-30°	277.4	6.6
30°-40°	478.6	11.4
40°-50°	775.2	18.5
50°-60°	1054.3	25.2
60°-70°	972.6	23.2
70°-80°	407.0	9.7
80°-90°	38.9	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°	4188.0	100.0
0°-180°	4188.0	100.0



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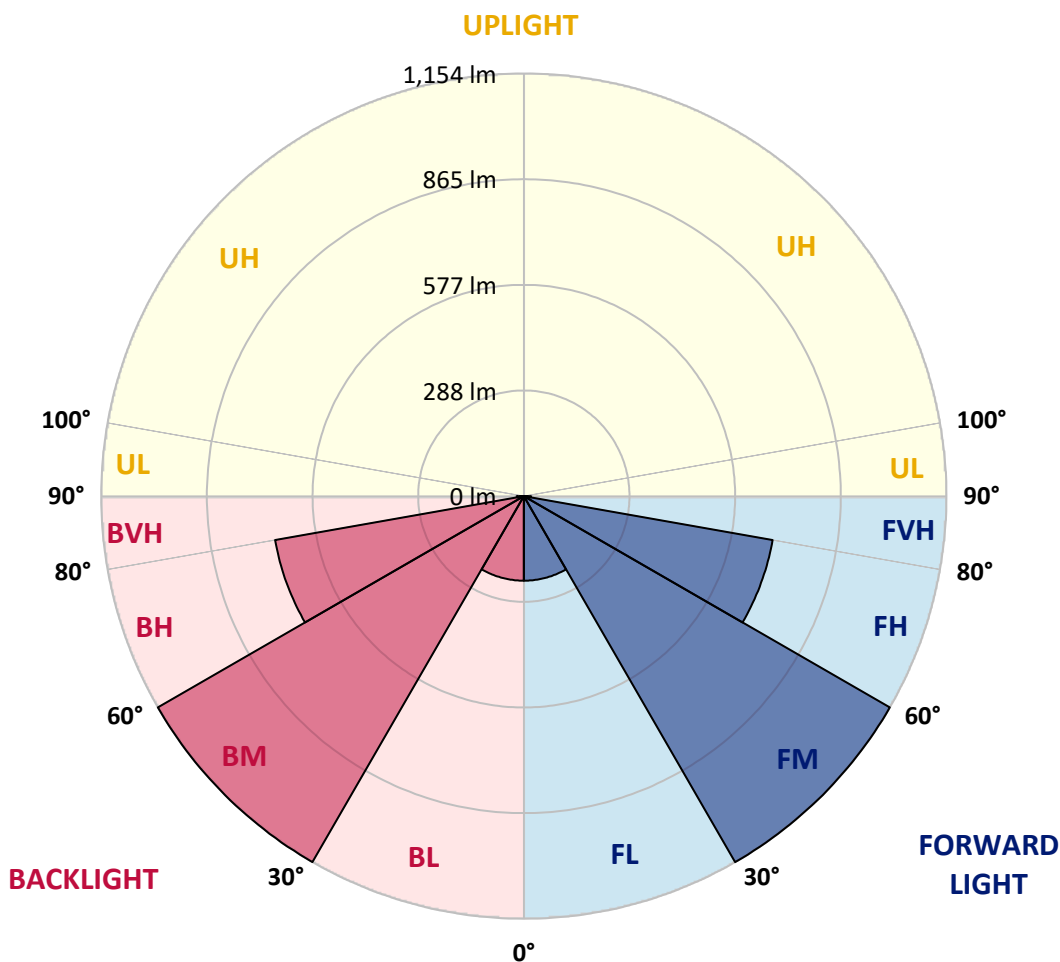
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	230.8	5.5			
FM (30°-60°)	1154.0	27.6			
FH (60°-80°)	689.8	16.5			G1/1800
FVH (80°-90°)	19.4	0.5			G1/100
BL (0°-30°)	230.8	5.5	B1/500		
BM (30°-60°)	1154.0	27.6	B2/2500		
BH (60°-80°)	689.8	16.5	B2/1000		G2/1000
BVH (80°-90°)	19.4	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°	426.1	426.1	426.1	426.1	426.1	426.1	426.1	426.1	426.1	426.1	426.1
2.5°	423.4	423.4	424.6	426.1	426.7	427.9	428.2	428.2	430.0	429.7	430.0
5°	422.2	422.2	424.3	427.0	430.0	433.6	437.2	439.3	443.8	444.7	445.0
7.5°	423.4	423.7	426.7	431.2	436.3	442.9	449.9	455.6	463.1	465.8	467.6
10°	427.9	428.2	432.1	438.4	446.2	455.9	465.8	474.8	486.9	492.3	493.2
12.5°	434.8	435.1	440.8	451.1	462.2	474.2	485.4	496.8	511.9	520.0	521.8
15°	445.3	444.4	453.5	468.5	484.2	499.2	509.2	520.3	536.3	546.8	549.5
17.5°	459.8	460.4	471.5	490.8	510.1	525.4	535.4	541.7	555.5	566.4	569.1
20°	477.9	480.6	494.7	517.0	539.6	555.8	562.8	561.9	569.7	579.0	581.1
22.5°	503.5	505.3	522.4	547.4	573.3	590.2	592.9	582.9	582.6	588.7	591.4
25°	533.6	535.1	553.1	582.0	609.4	627.2	624.5	607.3	598.3	598.6	600.4
27.5°	568.8	571.8	590.5	620.0	648.3	664.5	660.6	635.6	617.9	612.5	611.3
30°	614.6	617.9	636.8	665.1	690.1	704.6	698.6	667.0	640.5	631.4	629.6
32.5°	674.2	673.9	693.5	720.9	738.3	747.7	735.9	700.1	666.7	654.6	652.2
35°	735.6	738.6	757.9	784.4	797.6	798.2	779.6	739.2	699.5	678.7	674.2
37.5°	804.9	806.4	828.7	853.6	862.4	857.6	829.9	785.0	739.2	717.2	709.4
40°	875.9	877.4	903.3	927.4	937.1	925.6	889.2	835.6	786.2	762.1	757.6
42.5°	941.9	945.8	974.7	1003.0	1012.3	999.1	955.1	891.0	835.9	812.7	806.7
45°	996.7	1000.9	1033.4	1069.5	1086.1	1075.3	1025.6	953.3	893.1	868.1	857.9
47.5°	1037.9	1043.3	1078.0	1121.3	1153.5	1151.4	1100.6	1019.3	954.5	925.0	915.7
50°	1066.2	1071.9	1109.3	1156.0	1204.4	1220.7	1176.7	1092.1	1022.9	989.7	983.4
52.5°	1068.3	1073.5	1116.2	1174.3	1239.1	1274.9	1251.7	1168.9	1098.1	1063.8	1059.3
55°	1021.4	1025.0	1081.9	1159.3	1253.2	1316.4	1320.1	1252.6	1178.5	1143.9	1141.8
57.5°	913.6	918.7	986.7	1089.1	1229.7	1343.2	1379.4	1340.2	1269.5	1237.0	1235.1
60°	738.0	744.6	822.3	958.4	1144.8	1336.3	1429.7	1422.4	1368.8	1337.2	1336.0
62.5°	520.6	523.0	604.0	754.0	978.6	1262.8	1454.1	1502.5	1471.8	1439.9	1441.7
65°	305.9	309.2	368.6	503.5	742.2	1093.9	1411.9	1558.2	1554.3	1525.1	1528.1
67.5°	161.7	161.7	191.5	275.2	466.7	819.0	1244.2	1527.5	1578.7	1553.1	1554.6
70°	111.7	111.4	116.8	138.2	225.5	507.7	930.7	1366.7	1529.0	1519.4	1523.3
72.5°	94.5	93.9	94.2	97.3	114.7	229.4	565.2	1052.7	1363.1	1377.9	1381.2
75°	82.8	81.9	81.3	80.7	82.2	104.2	257.7	649.5	1010.5	1103.3	1101.5
77.5°	71.4	70.8	70.2	68.1	65.6	68.4	105.4	292.1	519.7	613.4	606.7
80°	58.7	58.7	59.6	56.6	52.1	50.3	62.9	109.0	172.5	180.1	165.6
82.5°	46.1	46.1	50.6	46.4	41.0	36.4	43.7	58.1	70.2	56.9	46.4
85°	32.5	32.8	42.2	38.5	31.6	21.1	27.1	34.6	39.4	25.0	19.6
87.5°	13.2	14.2	26.2	20.8	19.9	10.5	12.6	15.4	19.6	10.5	8.4
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)