

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: P672814

Luminaire Tested: **CCP-SA-2A-730-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672814
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-730-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

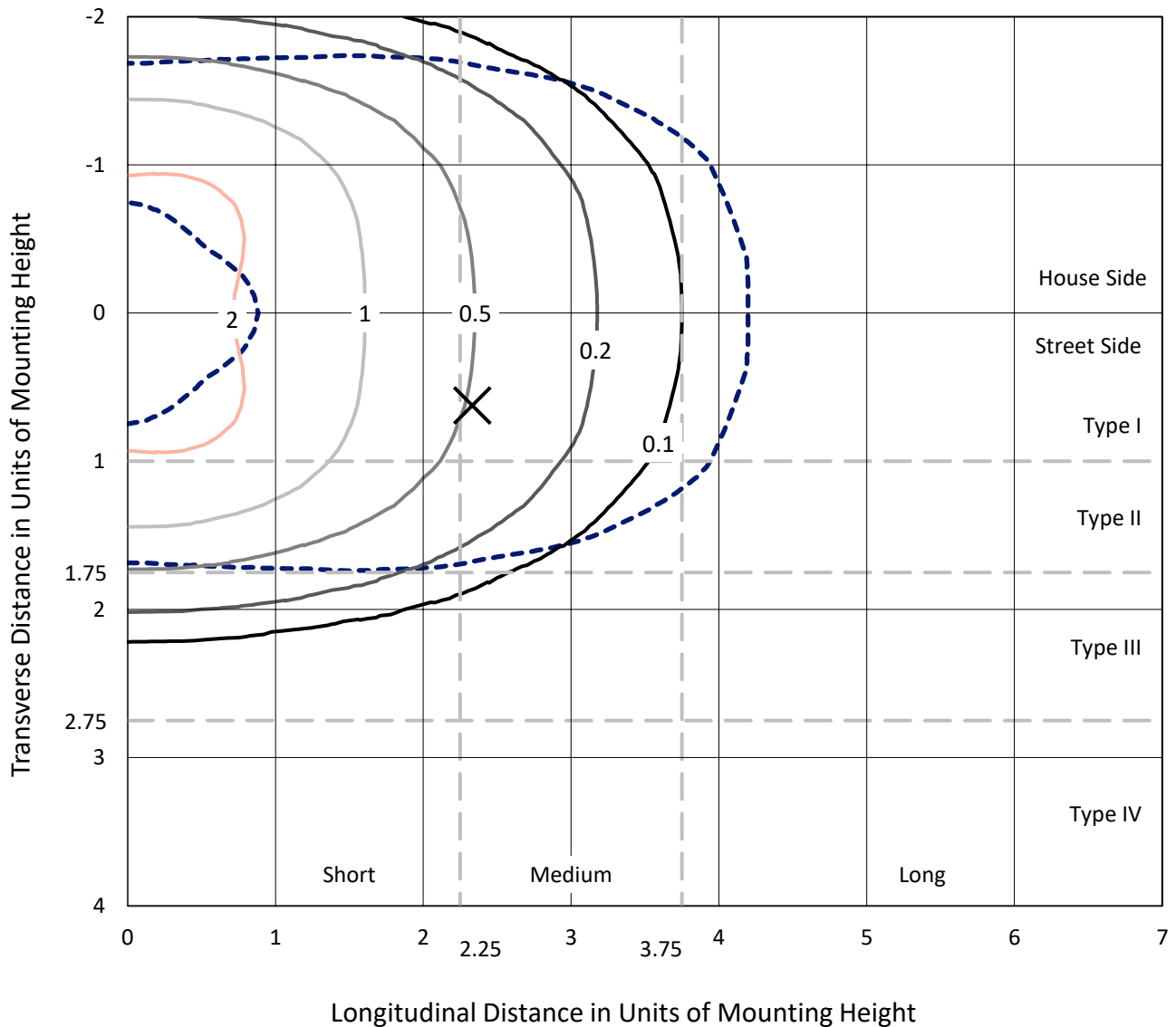
Lumens per Lamp: N/A
Luminaire Lumens: 5068.4 lumens
Efficiency: N/A
Efficacy: 140.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

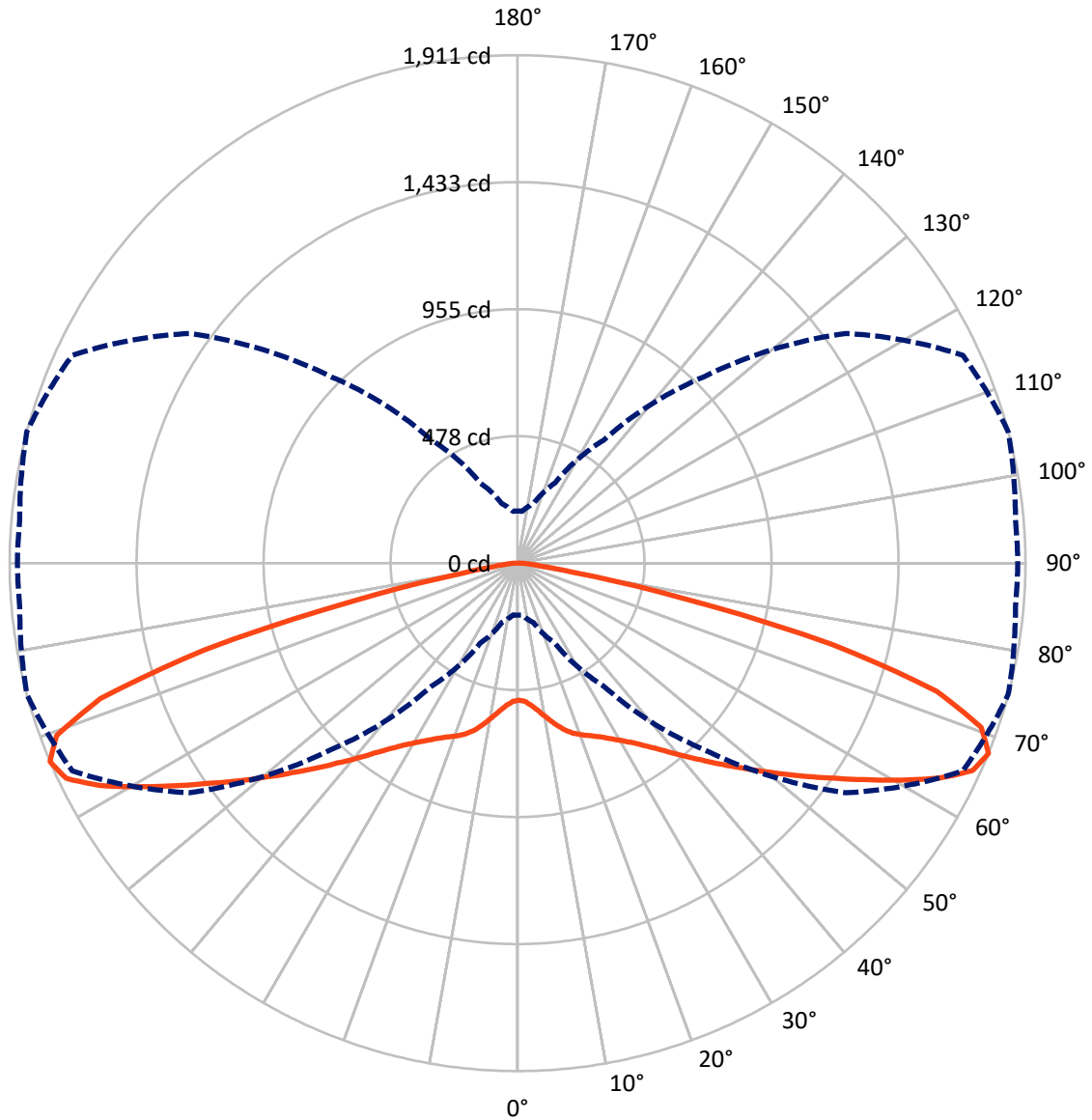
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.6 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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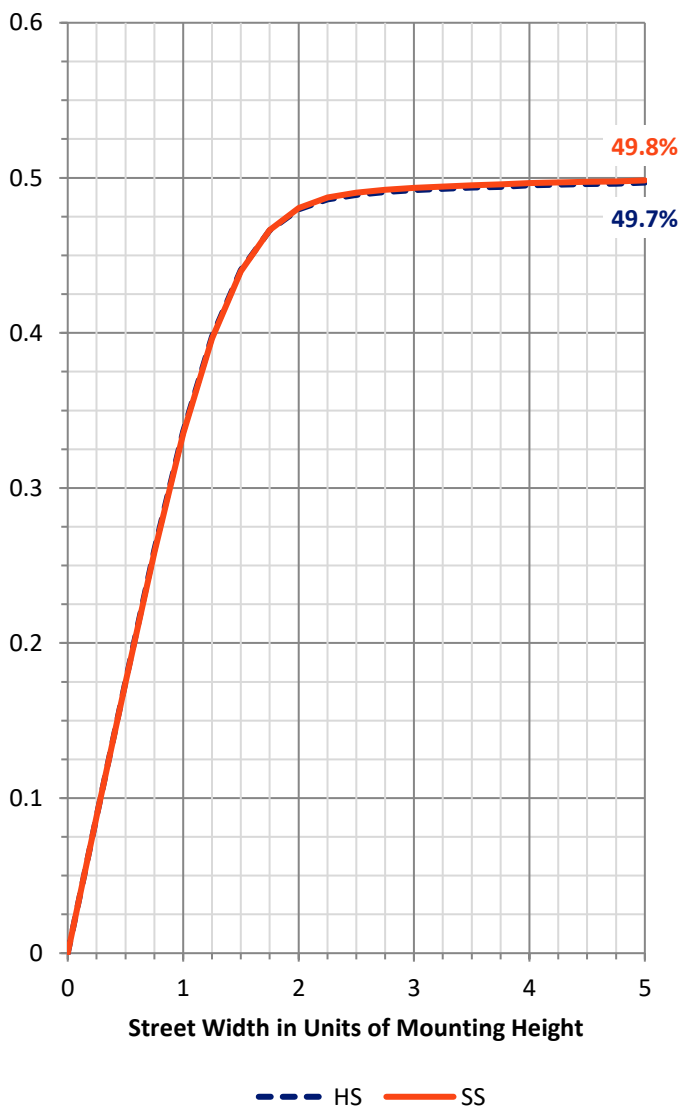
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2534.2	0.0	2534.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2534.2	0.0	2534.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	5068.4	0.0	5068.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.0	1.0
10°-20°	171.9	3.4
20°-30°	335.7	6.6
30°-40°	579.1	11.4
40°-50°	938.1	18.5
50°-60°	1275.9	25.2
60°-70°	1177.0	23.2
70°-80°	492.5	9.7
80°-90°	47.0	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°	5068.4	100.0
0°-180°	5068.4	100.0



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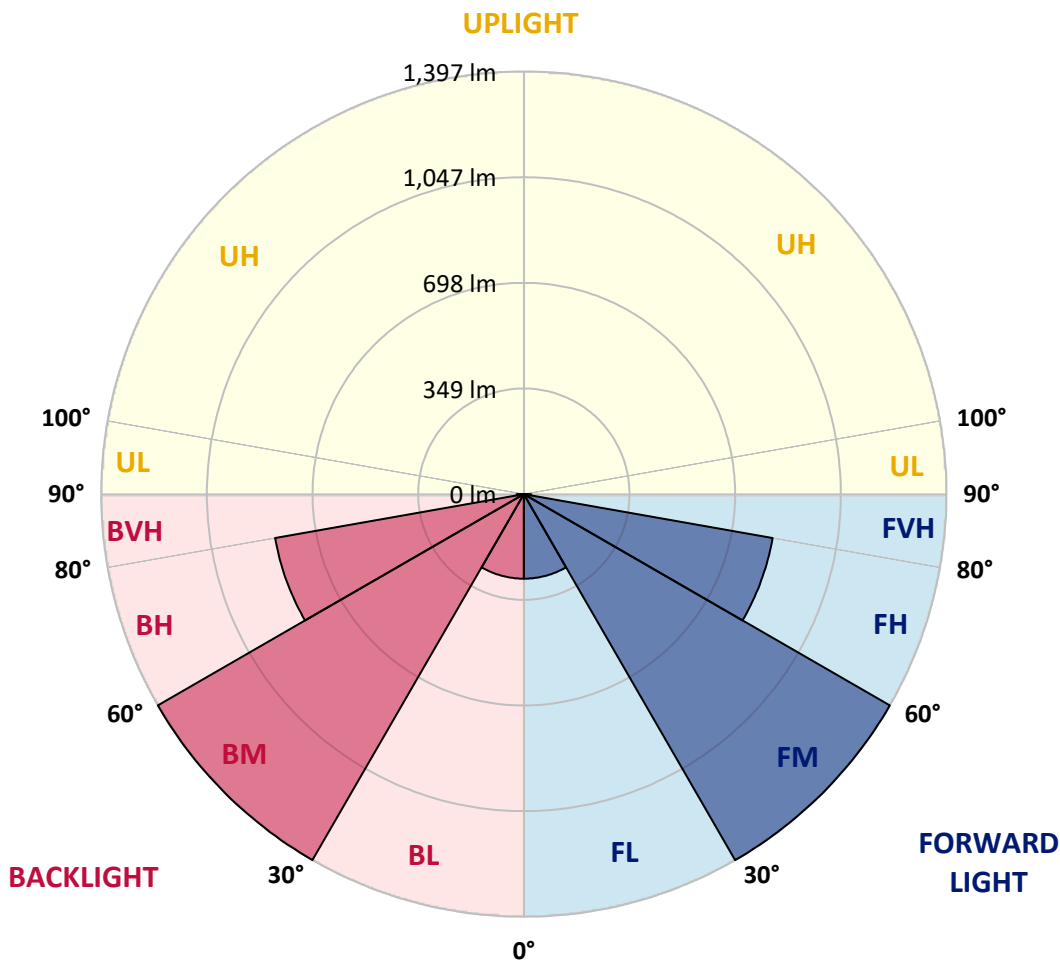
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	279.3	5.5			
FM (30°-60°)	1396.6	27.6			
FH (60°-80°)	834.8	16.5			G1/1800
FVH (80°-90°)	23.5	0.5			G1/100
BL (0°-30°)	279.3	5.5	B1/500		
BM (30°-60°)	1396.6	27.6	B2/2500		
BH (60°-80°)	834.8	16.5	B2/1000		G2/1000
BVH (80°-90°)	23.5	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°	515.6	515.6	515.6	515.6	515.6	515.6	515.6	515.6	515.6	515.6	515.6
2.5°	512.3	512.3	513.8	515.6	516.4	517.8	518.2	518.2	520.4	520.0	520.4
5°	510.9	510.9	513.4	516.7	520.4	524.7	529.1	531.7	537.1	538.2	538.6
7.5°	512.3	512.7	516.4	521.8	528.0	536.0	544.4	551.3	560.4	563.7	565.9
10°	517.8	518.2	522.9	530.6	540.0	551.7	563.7	574.7	589.2	595.8	596.9
12.5°	526.2	526.6	533.5	545.9	559.4	573.9	587.4	601.3	619.5	629.3	631.5
15°	538.9	537.9	548.8	567.0	586.0	604.2	616.2	629.7	649.0	661.8	665.0
17.5°	556.4	557.2	570.7	594.0	617.3	635.9	647.9	655.6	672.3	685.4	688.7
20°	578.3	581.6	598.7	625.7	653.0	672.7	681.1	680.0	689.4	700.7	703.3
22.5°	609.3	611.5	632.2	662.5	693.8	714.2	717.5	705.5	705.1	712.4	715.7
25°	645.7	647.5	669.4	704.4	737.5	759.0	755.8	735.0	724.1	724.4	726.6
27.5°	688.4	692.0	714.6	750.3	784.6	804.2	799.5	769.3	747.8	741.2	739.7
30°	743.7	747.8	770.7	805.0	835.2	852.7	845.4	807.1	775.1	764.2	762.0
32.5°	815.9	815.5	839.2	872.4	893.5	904.8	890.6	847.2	806.8	792.2	789.3
35°	890.2	893.9	917.2	949.3	965.3	966.0	943.4	894.6	846.5	821.4	815.9
37.5°	974.0	975.9	1002.8	1033.1	1043.6	1037.8	1004.3	950.0	894.6	868.0	858.5
40°	1060.0	1061.9	1093.2	1122.4	1134.0	1120.2	1076.1	1011.2	951.5	922.3	916.8
42.5°	1139.8	1144.6	1179.6	1213.8	1225.1	1209.1	1155.9	1078.3	1011.6	983.5	976.2
45°	1206.2	1211.3	1250.6	1294.4	1314.4	1301.3	1241.2	1153.7	1080.8	1050.6	1038.2
47.5°	1256.1	1262.7	1304.6	1357.0	1396.0	1393.5	1331.9	1233.5	1155.2	1119.4	1108.1
50°	1290.3	1297.3	1342.5	1398.9	1457.6	1477.3	1424.1	1321.7	1237.9	1197.8	1190.1
52.5°	1292.9	1299.1	1350.8	1421.2	1499.5	1542.9	1514.8	1414.6	1329.0	1287.4	1282.0
55°	1236.1	1240.4	1309.3	1402.9	1516.6	1593.2	1597.5	1515.9	1426.3	1384.4	1381.8
57.5°	1105.6	1111.8	1194.1	1318.0	1488.2	1625.6	1669.3	1622.0	1536.3	1497.0	1494.8
60°	893.1	901.2	995.2	1159.9	1385.5	1617.2	1730.2	1721.4	1656.6	1618.3	1616.8
62.5°	630.1	633.0	731.0	912.5	1184.3	1528.3	1759.7	1818.4	1781.2	1742.6	1744.8
65°	370.2	374.2	446.0	609.3	898.2	1323.9	1708.7	1885.8	1881.0	1845.7	1849.3
67.5°	195.7	195.7	231.8	333.1	564.8	991.2	1505.7	1848.6	1910.6	1879.6	1881.4
70°	135.2	134.8	141.4	167.3	272.9	614.4	1126.4	1654.0	1850.4	1838.8	1843.5
72.5°	114.4	113.7	114.1	117.7	138.8	277.7	684.0	1273.9	1649.6	1667.5	1671.5
75°	100.2	99.1	98.4	97.7	99.5	126.1	311.9	786.0	1222.9	1335.2	1333.0
77.5°	86.4	85.6	84.9	82.4	79.4	82.7	127.5	353.5	629.0	742.3	734.3
80°	71.1	71.1	72.2	68.5	63.0	60.9	76.2	131.9	208.8	217.9	200.4
82.5°	55.8	55.8	61.2	56.1	49.6	44.1	52.8	70.3	84.9	68.9	56.1
85°	39.4	39.7	51.0	46.6	38.3	25.5	32.8	41.9	47.7	30.2	23.7
87.5°	16.0	17.1	31.7	25.1	24.1	12.8	15.3	18.6	23.7	12.8	10.2
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)