

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: P672880

Luminaire Tested: **CCP-SA-2A-830-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672880
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-830-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ RW distribution lens
Light Source: (32) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

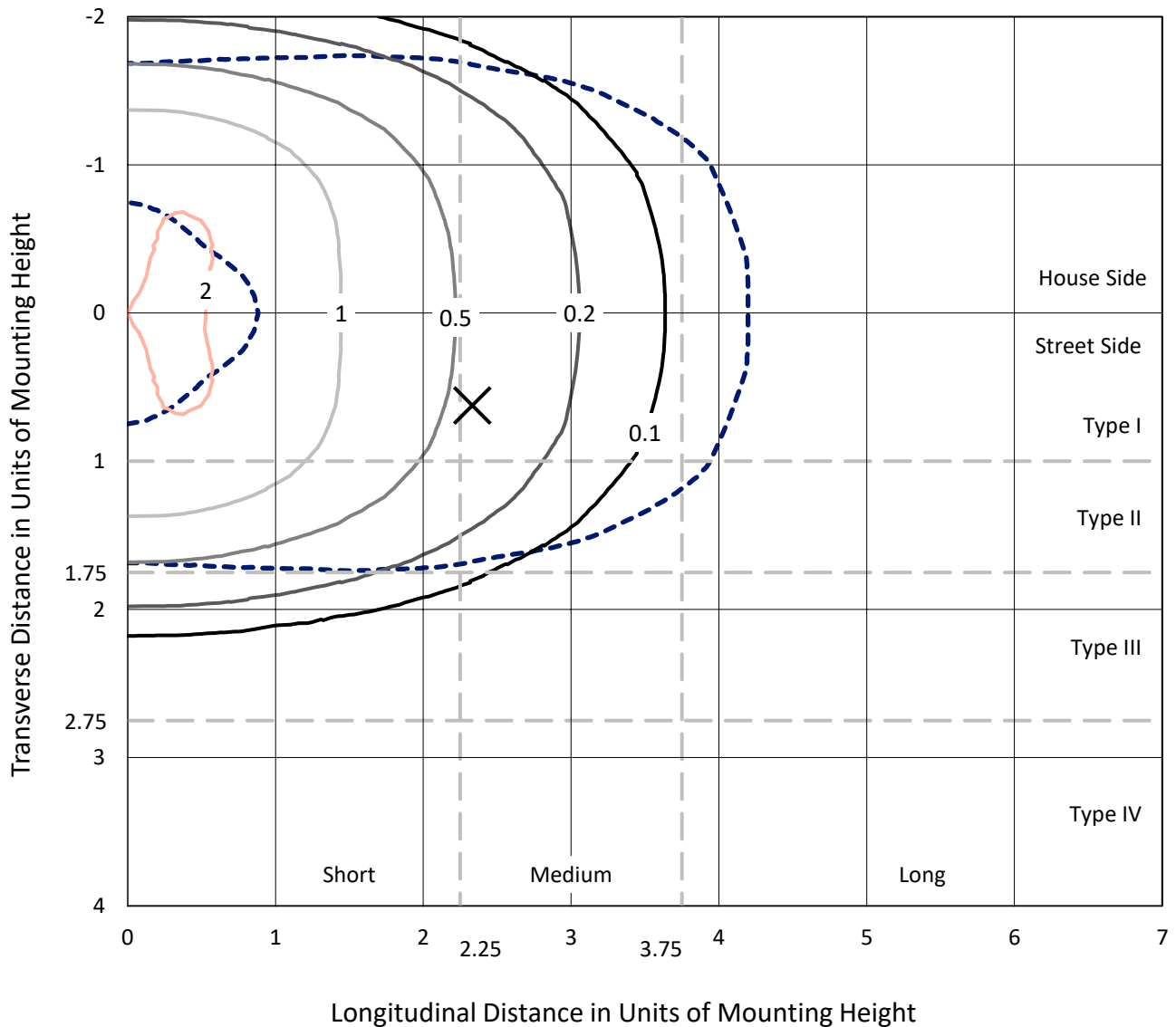
Lumens per Lamp: N/A
Luminaire Lumens: 4422.7 lumens
Efficiency: N/A
Efficacy: 122.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

REPORT NUMBER: P672880
 CATALOG NUMBER: CCP-SA-2A-830-U-RW

Iso-Footcandle Lines of Horizontal Illumination

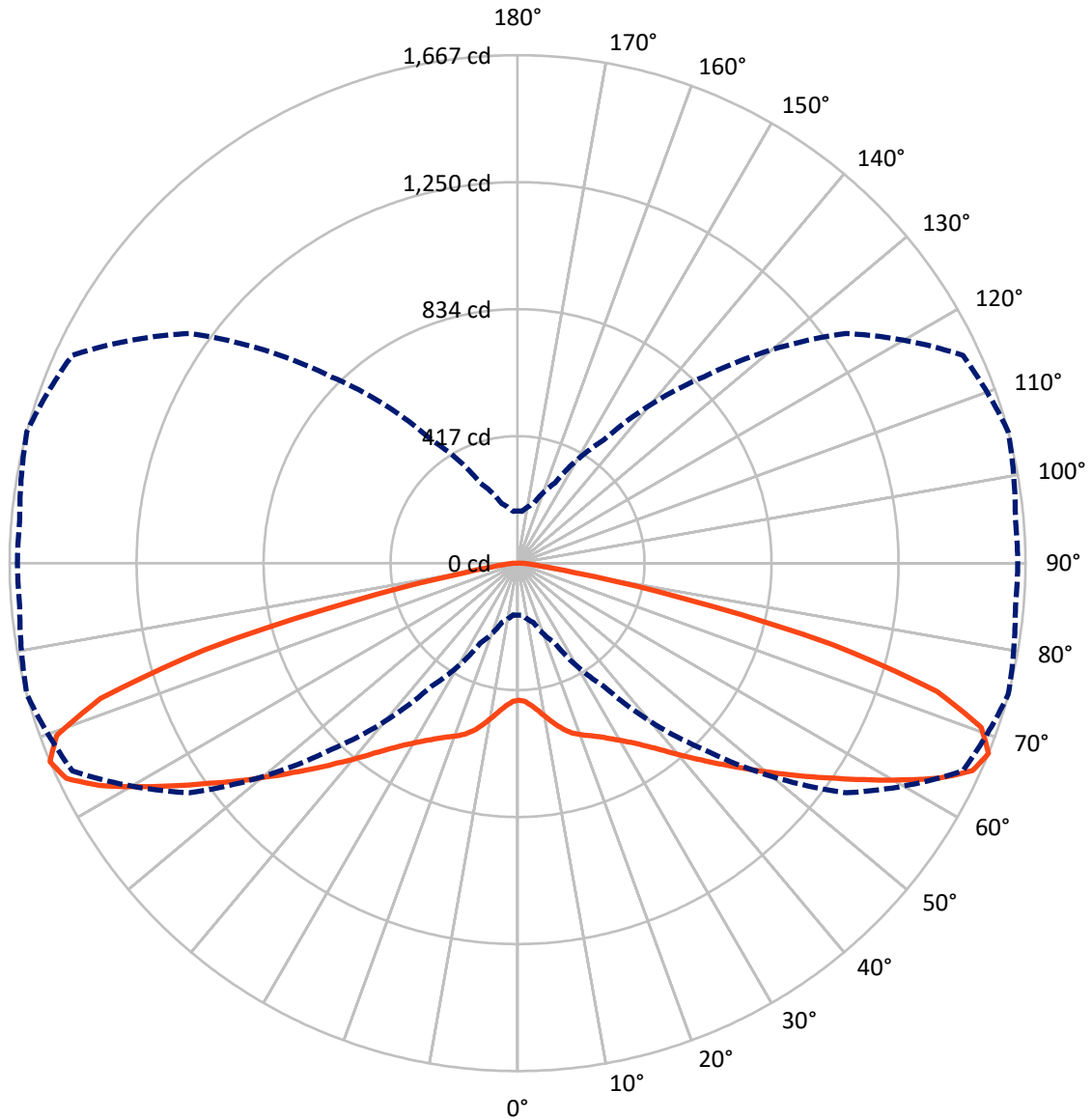
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.3 fc
 Type II - Medium - N/A

REPORT NUMBER: P672880
CATALOG NUMBER: CCP-SA-2A-830-U-RW

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P672880

CATALOG NUMBER: CCP-SA-2A-830-U-RW

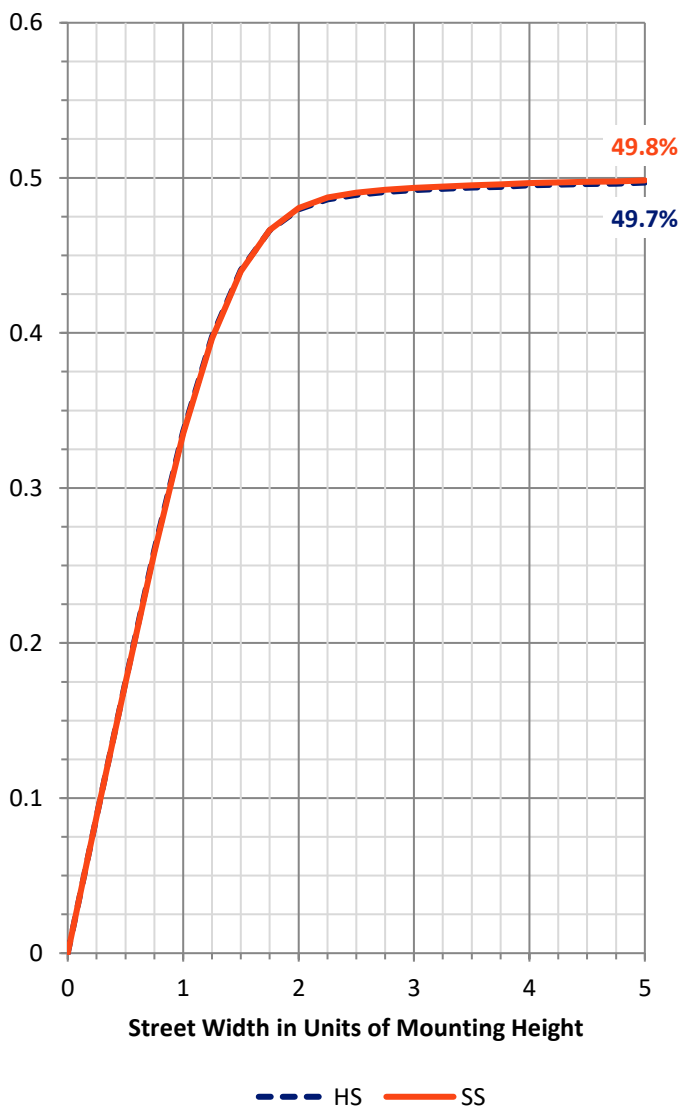
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2211.4	0.0	2211.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2211.4	0.0	2211.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	4422.7	0.0	4422.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.5	1.0
10°-20°	150.0	3.4
20°-30°	292.9	6.6
30°-40°	505.4	11.4
40°-50°	818.6	18.5
50°-60°	1113.3	25.2
60°-70°	1027.1	23.2
70°-80°	429.8	9.7
80°-90°	41.0	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°	4422.7	100.0
0°-180°	4422.7	100.0



REPORT NUMBER: P672880

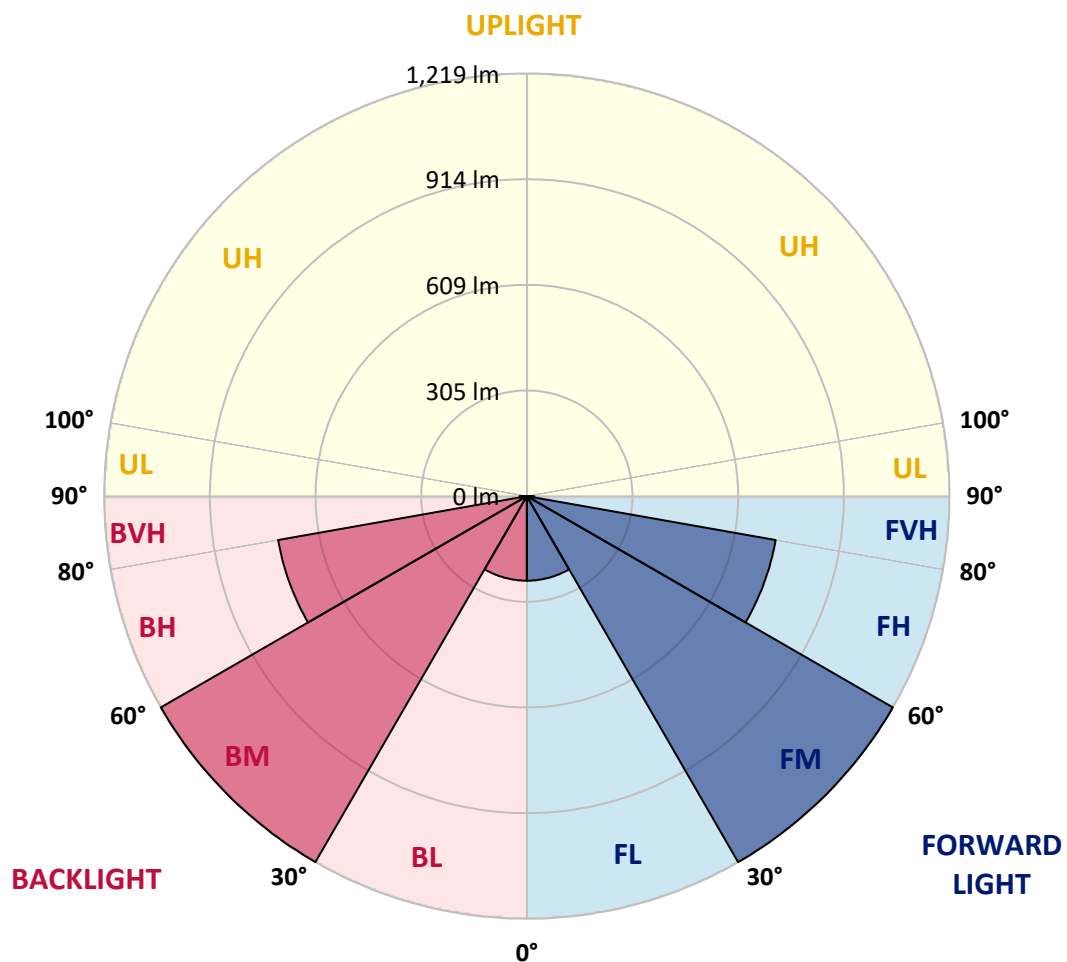
CATALOG NUMBER: CCP-SA-2A-830-U-RW

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	243.7	5.5			
FM (30°-60°)	1218.7	27.6			
FH (60°-80°)	728.4	16.5			G1/1800
FVH (80°-90°)	20.5	0.5			G1/100
BL (0°-30°)	243.7	5.5	B1/500		
BM (30°-60°)	1218.7	27.6	B2/2500		
BH (60°-80°)	728.4	16.5	B2/1000		G2/1000
BVH (80°-90°)	20.5	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





REPORT NUMBER: P672880
 CATALOG NUMBER: CCP-SA-2A-830-U-RW

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	449.9	449.9	449.9	449.9	449.9	449.9	449.9	449.9	449.9	449.9	449.9
2.5°	447.1	447.1	448.4	449.9	450.6	451.9	452.2	452.2	454.1	453.8	454.1
5°	445.8	445.8	448.0	450.9	454.1	457.9	461.7	463.9	468.7	469.7	470.0
7.5°	447.1	447.4	450.6	455.3	460.8	467.8	475.1	481.1	489.1	491.9	493.8
10°	451.9	452.2	456.3	463.0	471.2	481.4	491.9	501.5	514.2	519.9	520.9
12.5°	459.2	459.5	465.5	476.3	488.1	500.8	512.6	524.7	540.6	549.2	551.1
15°	470.3	469.3	478.9	494.8	511.3	527.2	537.7	549.5	566.3	577.5	580.3
17.5°	485.6	486.2	498.0	518.3	538.7	554.9	565.4	572.0	586.7	598.1	601.0
20°	504.6	507.5	522.4	546.0	569.8	587.0	594.3	593.4	601.6	611.5	613.7
22.5°	531.7	533.6	551.7	578.1	605.4	623.2	626.1	615.6	615.3	621.7	624.5
25°	563.5	565.1	584.1	614.7	643.6	662.4	659.5	641.4	631.8	632.1	634.1
27.5°	600.7	603.8	623.6	654.7	684.6	701.8	697.7	671.3	652.5	646.8	645.5
30°	649.0	652.5	672.5	702.4	728.8	744.1	737.7	704.3	676.3	666.8	664.9
32.5°	712.0	711.6	732.3	761.2	779.7	789.5	777.1	739.3	704.0	691.3	688.7
35°	776.8	780.0	800.4	828.3	842.3	843.0	823.3	780.6	738.7	716.7	712.0
37.5°	850.0	851.6	875.1	901.5	910.7	905.6	876.4	829.0	780.6	757.4	749.2
40°	925.0	926.6	953.9	979.4	989.6	977.5	939.0	882.4	830.2	804.8	800.0
42.5°	994.6	998.8	1029.3	1059.2	1069.1	1055.1	1008.6	940.9	882.7	858.2	851.9
45°	1052.5	1057.0	1091.3	1129.5	1147.0	1135.5	1083.0	1006.7	943.1	916.7	905.9
47.5°	1096.1	1101.8	1138.4	1184.2	1218.2	1216.0	1162.2	1076.4	1008.0	976.8	967.0
50°	1126.0	1132.0	1171.4	1220.7	1271.9	1289.1	1242.7	1153.3	1080.2	1045.2	1038.5
52.5°	1128.2	1133.6	1178.8	1240.1	1308.5	1346.3	1321.8	1234.4	1159.7	1123.4	1118.7
55°	1078.6	1082.4	1142.5	1224.2	1323.4	1390.2	1394.0	1322.8	1244.6	1208.0	1205.8
57.5°	964.8	970.2	1042.0	1150.1	1298.6	1418.5	1456.7	1415.3	1340.6	1306.3	1304.4
60°	779.4	786.4	868.4	1012.1	1209.0	1411.2	1509.8	1502.1	1445.5	1412.2	1410.9
62.5°	549.8	552.3	637.9	796.2	1033.4	1333.6	1535.5	1586.7	1554.3	1520.6	1522.5
65°	323.1	326.6	389.2	531.7	783.8	1155.2	1491.0	1645.6	1641.4	1610.6	1613.8
67.5°	170.8	170.8	202.2	290.6	492.9	864.9	1313.9	1613.1	1667.2	1640.1	1641.7
70°	118.0	117.7	123.4	146.0	238.2	536.1	982.9	1443.3	1614.7	1604.5	1608.7
72.5°	99.8	99.2	99.5	102.7	121.2	242.3	596.9	1111.7	1439.5	1455.1	1458.6
75°	87.4	86.5	85.9	85.2	86.8	110.0	272.2	685.9	1067.1	1165.1	1163.2
77.5°	75.4	74.7	74.1	71.9	69.3	72.2	111.3	308.4	548.8	647.7	640.7
80°	62.0	62.0	63.0	59.8	55.0	53.1	66.5	115.1	182.2	190.2	174.9
82.5°	48.7	48.7	53.4	49.0	43.2	38.5	46.1	61.4	74.1	60.1	49.0
85°	34.3	34.7	44.5	40.7	33.4	22.3	28.6	36.6	41.7	26.4	20.7
87.5°	14.0	14.9	27.7	21.9	21.0	11.1	13.4	16.2	20.7	11.1	8.9
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)