

## LV811 HORIZONTAL SCREEN GALVANIZED STEEL

### STANDARD CONSTRUCTION

#### BLADES

20 gage (1.0) galvanized steel, positioned at 45° angle and spaced approximately 5" (127) center to center.

#### SUPPORT

As required per wind load. Consult Ruskin.

#### FINISH

Mill.

#### APPROXIMATE SHIPPING WEIGHT

4 lbs. per sq. ft.

#### MINIMUM SIZE

12" w x 12" h (305 x 305).

#### MAXIMUM SIZE

120" x 90" (3048 x 2286) or 90" x 120" (2286 x 3048) factory assembly. Screens larger than the maximum factory assembly size will require field assembly of smaller sections.

### FEATURES

The LV811 design features:

- Architecturally styled, hidden supports for attractive appearance.
- Blade spacing allows for high free area, added economy, or a sight proof design.
- Galvanized steel construction for economical cost.

### SUGGESTED SPECIFICATION

Furnish and install screens as described in schedules. Screen components shall be factory assembled by the manufacturer. Sizes too large for shipping shall be built up by the contractor from factory assembled sections to provide overall sizes required. Design shall incorporate structural supports required to withstand a wind load of 20 lbs. per sq. ft. (96kPa) (equivalent of a 90 mph wind [145 KPH] – specifier may substitute any loading required) when attached to structural supports supplied by others.

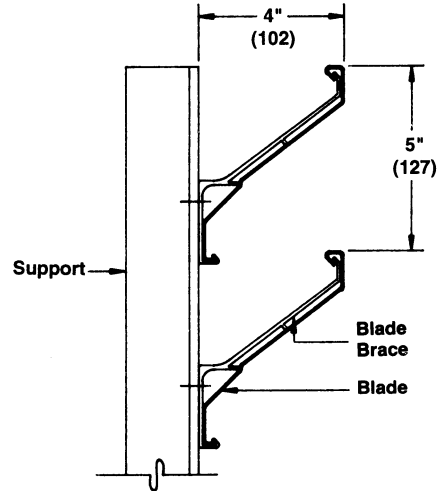
Screens shall be architectural style with continuous appearing stationary blades – intermediate supports shall not interrupt blade appearance when viewed from outside of screen.

Screens shall be Ruskin Model LV811 construction as follows:

**Blades:** 20 gage (1.0) galvanized steel at 45° angle and spaced approximately 5" (127) center to center.

**Fasteners:** Anchorage shall be concealed and not visible on the exterior face of the screen.

**Finish:** Select finish specification from Ruskin/Valspar Finishes Brochure.



### VARIATIONS

Variations to the basic design of this screen are available at additional cost. They include:

- Hinged access sections.
- Box corners (mitered corners are unavailable on this model).
- Selection of finishes: baked enamel (modified fluoropolymer), epoxy, Kynar, Pearledize (Acrodize) and prime coat.

Consult Ruskin for other special requirements.

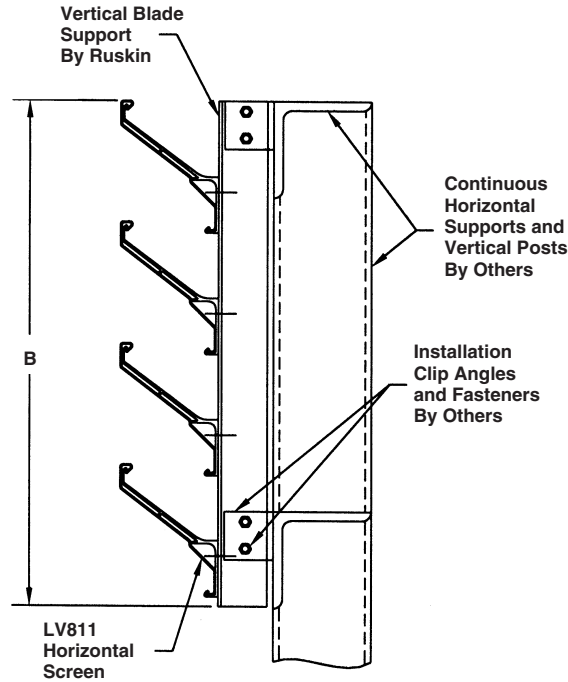
Dimensions in parenthesis ( ) indicate millimeters.

LEED Material Information	
<b>VOC Content (g/L) - 0</b>	<b>Recycled Content</b>
<b>Manufacturing Locations</b>	<b>(MR 4.1 &amp; 4.2)</b>
<b>(MR 5.1)</b>	7.5% Post Consumer
Parsons, KS 67357	7.5% Pre-Consumer

Units are furnished actual size.

QTY.	SIZE		VARIATIONS
	A-WIDE	B-HIGH	
<b>PROJECT</b>		<b>LOCATION</b>	
<b>ARCH./ENGR.</b>		<b>CONTRACTOR</b>	
<b>REPRESENTATIVE</b>		<b>DATE</b>	

# TYPICAL INSTALLATION DETAIL



# PERFORMANCE DATA

## FREE AREA GUIDE FOR LV811

Free Area Guide shows free area in ft<sup>2</sup> and m<sup>2</sup> for various sizes of LV811

Width in Inches and (Meters)

	12 0.30	18 0.46	24 0.61	30 0.76	36 0.91	42 1.07	48 1.22	54 1.37	60 1.52	66 1.68	72 1.83	78 1.98	84 2.13	90 2.29	96 2.44
12 0.30	.10 .01	.19 .02	.28 .03	.37 .03	.46 .04	.56 .05	.65 .06	.74 .07	.83 .08	.92 .09	1.01 .09	1.10 .11	1.19 .11	1.28 .12	1.37 .13
18 0.46	.26 .02	.50 .05	.74 .07	.98 .09	1.22 .11	1.45 .13	1.69 .16	1.93 .18	2.17 .20	2.41 .22	2.65 .25	2.88 .27	3.12 .29	3.36 .31	3.60 .33
24 0.61	.43 .03	.82 .08	1.21 .11	1.60 .15	1.99 .18	2.38 .22	2.77 .26	3.17 .29	3.56 .33	3.95 .37	4.34 .40	4.73 .44	5.12 .48	5.51 .51	5.90 .55
30 0.76	.60 .06	1.14 .11	1.69 .16	2.23 .21	2.77 .26	3.31 .31	3.86 .36	4.40 .41	4.94 .46	5.48 .51	6.03 .56	6.57 .61	7.11 .66	7.65 .71	8.20 .76
36 0.91	.74 .07	1.41 .13	2.08 .19	2.75 .26	3.42 .32	4.09 .38	4.76 .44	5.43 .50	6.09 .57	6.76 .63	7.43 .69	8.10 .75	8.77 .81	9.44 .88	10.11 .94
42 1.07	.84 .08	1.59 .15	2.34 .22	3.10 .29	3.85 .36	4.61 .43	5.36 .50	6.11 .57	6.87 .64	7.62 .71	8.38 .78	9.13 .85	9.88 .92	10.64 .99	11.39 1.06
48 1.22	1.00 .09	1.90 .18	2.80 .26	3.70 .34	4.61 .43	5.51 .51	6.41 .60	7.31 .68	8.21 .76	9.11 .85	10.01 .93	10.91 1.01	11.82 1.10	12.72 1.18	13.62 1.27
54 1.37	1.17 .11	2.22 .21	3.28 .30	4.33 .40	5.38 .50	6.44 .60	7.49 .70	8.54 .79	9.60 .89	10.65 .99	11.70 1.09	12.76 1.19	13.81 1.28	14.87 1.38	15.92 1.48
60 1.52	1.34 .12	2.54 .24	3.75 .35	4.95 .46	6.16 .57	7.37 .68	8.57 .80	9.78 .91	10.98 1.02	12.19 1.13	13.40 1.24	14.60 1.36	15.81 1.47	17.01 1.58	18.22 1.75
66 1.68	1.48 .14	2.81 .26	4.14 .38	5.47 .51	6.80 .63	8.13 .76	9.46 .88	10.80 1.00	12.13 1.13	13.46 1.25	14.79 1.37	16.12 1.50	17.45 1.62	18.78 1.74	20.12 1.87
72 1.83	1.57 .15	2.99 .28	4.41 .41	5.82 .54	7.24 .67	8.66 .80	10.07 .94	11.49 1.07	12.91 1.20	14.33 1.33	15.74 1.46	17.16 1.59	18.58 1.73	19.99 1.86	21.41 1.99
78 1.98	1.74 .16	3.30 .31	4.86 .45	6.43 .60	7.99 .74	9.56 .89	11.12 1.03	12.69 1.18	14.25 1.32	15.82 1.47	17.38 1.61	18.95 1.76	20.51 1.91	22.08 2.05	23.64 2.20
84 2.13	1.90 .18	3.62 .34	5.34 .50	7.05 .65	8.77 .81	10.49 .97	12.20 1.13	13.92 1.29	15.64 1.45	17.36 1.61	19.07 1.77	20.79 1.93	22.51 2.09	24.22 2.25	25.94 2.41
90 2.29	2.07 .19	3.94 .37	5.81 .54	7.68 .71	9.55 .89	11.42 1.06	13.29 1.23	15.16 1.41	17.03 1.58	18.89 1.75	20.76 1.93	22.63 2.10	24.50 2.28	26.37 2.45	28.24 2.62
96 2.44	2.21 .21	4.20 .39	6.20 .58	8.19 .76	10.19 .95	12.18 1.13	14.17 1.32	16.17 1.50	18.16 1.69	20.15 1.87	22.15 2.06	24.14 2.24	26.13 2.43	28.13 2.61	30.12 2.80



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