

TECH DATA

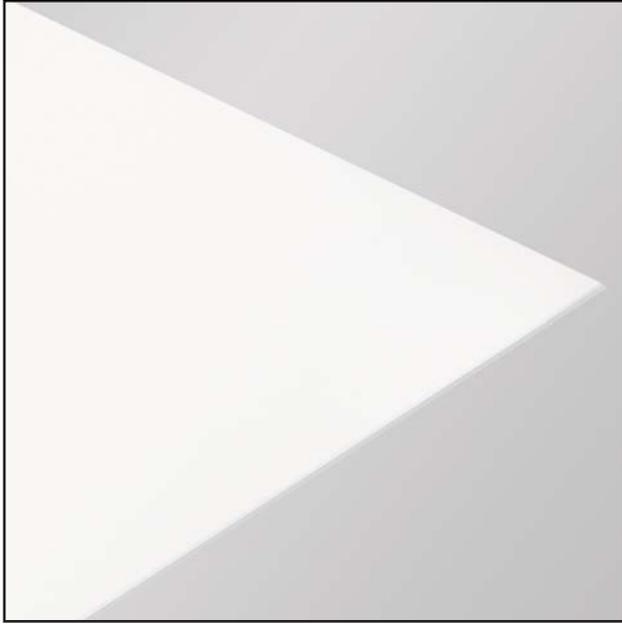
PROJECT: _____
MATERIAL: _____
FINISH: _____
SIZE: _____
OPTIONS: _____
QUANTITY: _____



LENSES & DIFFUSERS

SWA/SWS

SMOOTH WHITE FLAT SHEET



SWA/SWS, smooth white flat sheet, provides the greatest application potential in the industry. It's versatility is evident, whether used as a luminous ceiling diffuser or lighting fixture enclosure.

These extruded diffuser panels, available in acrylic (SWA) or high impact light stable polystyrene (SWS), provide evenly illuminated lighting enclosures which reduce shadows and reflected glare.

APPLICATIONS:

- Signs
- Displays
- Office buildings
- Luminous ceilings
- Fixtures



A (THICKNESS): .060", .080", .125"
SECTION

NOMINAL PANEL SIZES

1' x 4'

2' x 2'

2' x 4'

4' x 4'

4' x 8'



PLAN



LENSES & DIFFUSERS

SWA/SWS

SMOOTH WHITE FLAT SHEET

SPECIFICATIONS:

Smooth White Flat Sheet by Liteline Corporation is extruded from (high impact light stable polystyrene or virgin acrylic) meeting IES, NEMA-SPI joint specifications for use in applications. These panels are available in the following thicknesses: acrylic - .060", .080" and .125"; high impact polystyrene - .060". Each panel is prestressed for sag-free installation and destaticized for minimum maintenance.

ORDERING:

CATALOGUE No.	COLOUR	DIMENSIONS	NOMINAL THICKNESS	CARTON QUANTITY	CARTON WEIGHT (lbs)
ACRYLIC PANELS					
SWA-22 OA-060	WHITE	23 3/4" x 23 3/4"	.060	40	50
SWA-24 OA-060	WHITE	23 3/4" x 47 3/4"	.060	20	50
SWA-44 OA-060	WHITE	49 1/2" x 49 1/2"	.060	10	50
SWA-14 OA-080	WHITE	11 3/4" x 47 3/4"	.080	50	85
SWA-22 OA-080	WHITE	23 3/4" x 23 3/4"	.080	50	85
SWA-24 OA-080	WHITE	23 3/4" x 47 3/4"	.080	25	85
SWA-24 OA-125	WHITE	23 3/4" x 47 3/4"	.125	25	100
SWA-48 OA-125	WHITE	49" x 97"	.125	25	100
POLYSTYRENE PANELS					
SWS-22	WHITE	23 3/4" x 23 3/4"	.060	50	64
SWS-24	WHITE	23 3/4" x 47 3/4"	.060	25	64

NOTE: Custom sizes are available, contact Liteline with your requirements.

Acrylic sheet is available in standard thicknesses. Other thicknesses are available on special orders, contact LITELINE. Panels are smooth on one side and crepe on the other side.

TECHICAL SUPPORT:

Coefficients of utilization were computed on the zonal cavity method, based on a smooth white diffuser, 2' x 4' luminaire with 4-F40T12/RS lamps (3100 lumens each) and lamp spacing of 4 1/4" - 3 1/2" - 4 1/4", lamps located 2 1/2" above panel.

COEFFICIENTS OF UTILIZATION-ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE=.20						
RC RW	.80			.50		
	.50	.30	.10	.50	.30	.10
1	.56	.54	.52	.53	.51	.50
2	.50	.47	.44	.48	.45	.43
3	.45	.41	.37	.42	.39	.36
4	.40	.35	.32	.38	.34	.31
5	.35	.30	.28	.33	.29	.27
6	.31	.27	.24	.30	.27	.23
7	.29	.24	.21	.28	.23	.20
8	.26	.21	.18	.25	.21	.18
9	.23	.18	.15	.22	.18	.15
10	.21	.16	.13	.20	.16	.13

S/MH= 1.4

Multiplying factor for luminous ceiling installation shall be .90, based on 1-F40T12/RS lamp (3100 lumens 12" on centres and 9" above louver.