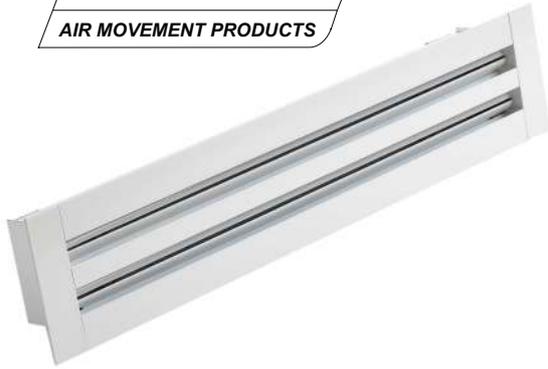


LINEAR SLOT DIFFUSERS

SLSD



APPLICATION

The SLSD series supply & return linear slot diffusers offer high performance in a VAV outlet with pattern control and complete blank-off true design flexibility. Designed for efficient air distribution at cooling differentials up to 30°F.

FEATURED STANDARD CONSTRUCTION

SLSD with deflector & damper as supply linear slot diffuser.

• **FRAME:**

- Constructed from extruded aluminum alloy 6063-T5 of 1.2 mm thickness.
- Surface/Flush mounting - Wide border. *Please check under “Dimensions and Borders type” sheet for more info.*
- Angle end cap is provided. *Please check under “End cap and Mitered Corners Configurations” sheet.*

• **FRAME PARTITION:**

- Constructed from extruded aluminum alloy 6063-T5 of 1.2 mm thickness.

• **FIXED & SLIDING DAMPER:**

- Constructed of extruded aluminum of 1.2 mm thickness of 3/4” & 1” slot spacing.
- By offsetting the holes, the airflow rate can be reduced or can even work as blank off for dummy parts.
- Damper works also as equalizing grid.
- Damper color : Black.
- The sliding damper controls the distribution of the airflow.

• **DEFLECTORS:**

- The fully adjustable deflection blades allow for air pattern to be controlled from vertical straight down to horizontal along the ceiling.

• **SIZES:**

- Minimum length of 8”
- Length up to 114” full section for slot number between 1 and 6.
- Length up to 80” full section for slot number greater than or equal to 7.
- Multi-sections are joined with alignment strips for continuous appearance.

• **FINISHING:**

- Standard finish is white color (RAL 9010) for frame, frame partition and blades.
- Join strip provided for continuous slots.

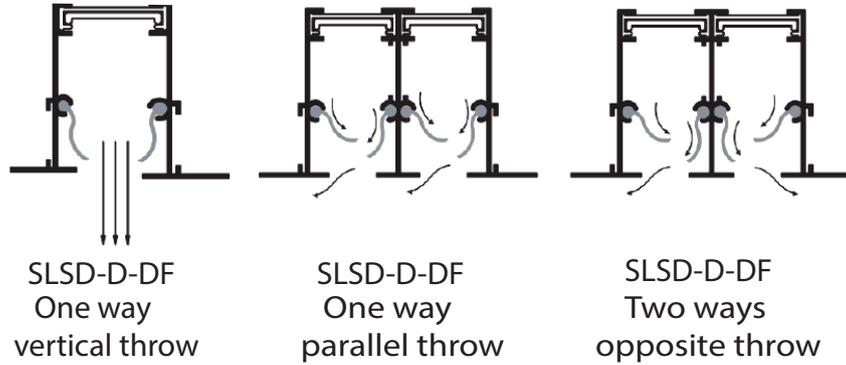
OPTIONS

- Frame is available in surface, lay-in T-bar & narrow borders. *Please check under “Dimensions and Borders Type” sheet.*
- Insulated or non-insulated plenum box.
- Mounting Bracket.
- Open end, Flush end & Mitered cap are available. *Please check under “End cap and Mitered Corners Configurations” sheet.*
- Mitered corner for ceiling & wall application (90° angle or any special angle).
- Curved for ceiling application. *Please check under “End cap and Mitered Corners Configurations” sheet.*
- FC field cut.
- BO metal blank-off.
- LS light shield.
- LSC straightened core.
- D: with damper w/o deflector.
- DF: with deflector w/o damper.
- W/O damper nor deflector.

→ *Please check the “Accessories” sheet for more info*

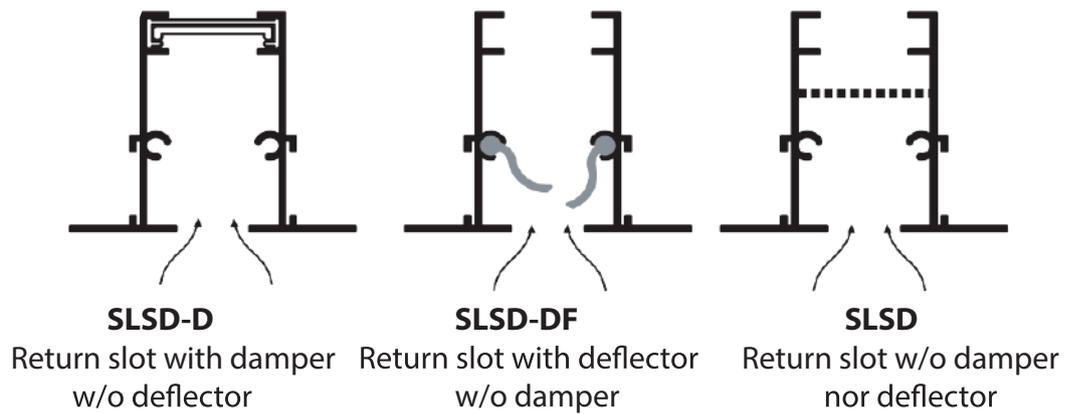
KNWUVT CVKQPU

Uwr r nq 'unqv'f Hhwugt u'y kj 'f co rgt' ('f ghgevqt



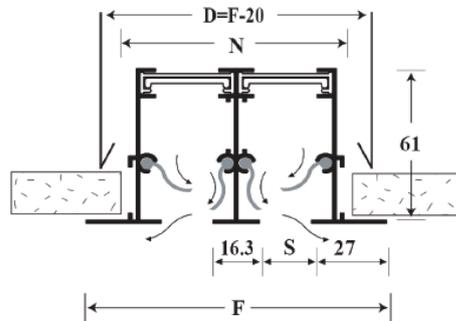
Note: Throw can be adjusted on site.

Return slot diffusers



DIMENSIONS AND BORDERS TYPE

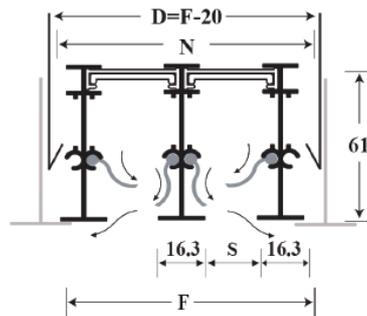
SURFACE/ FLUSH MOUNTING- WIDE BORDER



3/4" Slot	SLSD 3800 No. of Slots S=19mm							
	1	2	3	4	5	6	7	8
N mm	43	78	114	148	184	218	254	290
F mm	73	108	144	178	214	248	284	320

1" Slot	SLSD 3900 No. of Slots S=25mm							
	1	2	3	4	5	6	7	8
N mm	49	90	132	173	214	256	297	338
F mm	79	120	162	203	244	286	327	368

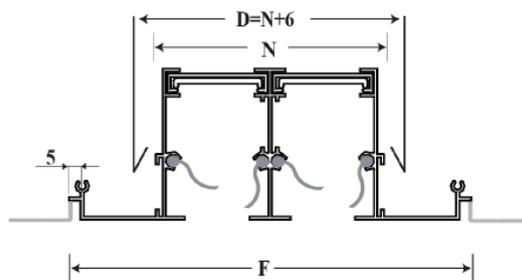
LAY-IN MOUNTING - NARROW BORDER



3/4" Slot	SLSD-N 3800 No. of Slots S=19mm							
	1	2	3	4	5	6	7	8
N mm	52	87	122	158	193	228	263	299
F mm	52	87	122	158	193	228	263	299

1" Slot	SLSD-N 3900 No. of Slots S=24.5mm							
	1	2	3	4	5	6	7	8
N mm	58	99	140	182	223	264	305	347
F mm	58	99	140	182	223	264	305	347

LAY-IN MOUNTING - SPECIAL BORDER



3/4" Slot	SLSD-S 3800 No. of Slots S=19mm							
	1	2	3	4	5	6	7	8
N mm	43	78	114	148	184	218	254	290
F mm	112	147	183	217	253	287	323	359

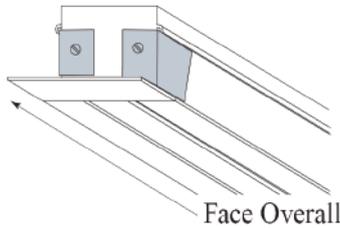
1" Slot	SLSD-S 3900 No. of Slots S=24.5mm							
	1	2	3	4	5	6	7	8
N mm	49	90	132	173	214	256	297	338
F mm	118	159	201	242	283	325	366	407

Note: Tolerance in Dimensions are: +/- 1mm

END CAP AND MITERED CORNERS CONFIGURATIONS

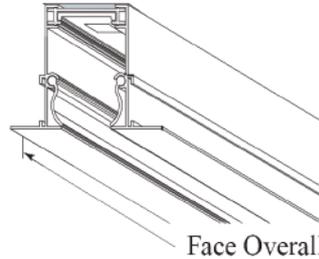
END CONFIGURATIONS

**Type A
Angle End Cap**

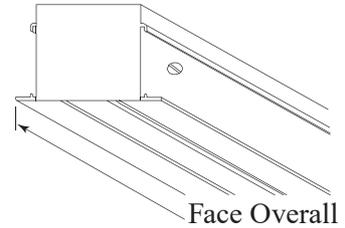


*STD end cap for wide border

**Type O
Open End**

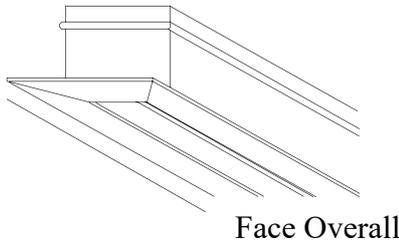


**Type F
Flush End Cap**



*STD end cap for narrow border

**Type M
Mitered Cap**

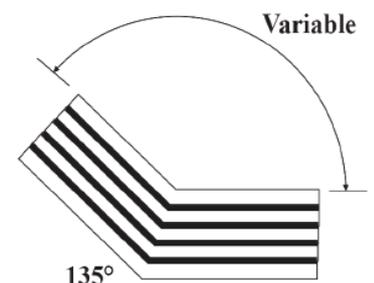
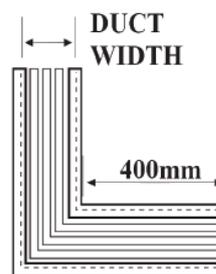
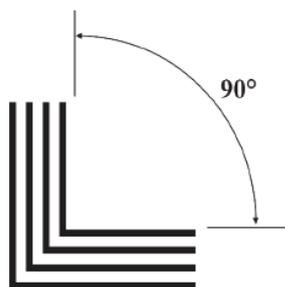


CORNERS (C)

Factory assembled mitered corner sections are available with 90° angle or any special angle. Mitered corners are provided with standard length of 40cm external dimension, other lengths are provided upon request.

Factory assembled mitered corners reduce field installation time and assure precise cutting and proper fit.

Corners are fabricated with Open end cap.



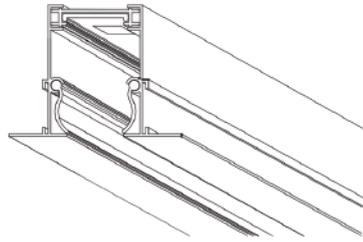
CURVED CEILING SLOT (CU-CE)

Factory curved linear slot diffuser manufactured as arc or full circle for various radius & number of slots. Curved slots are provided without damper & air pattern.

Curved slots with wide borders are manufactured with a standard of Angle end cap. Curved slots with narrow borders are manufactured with a standard of Flush end cap.

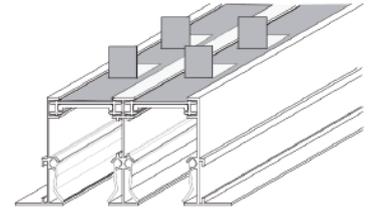


ACCESSORIES



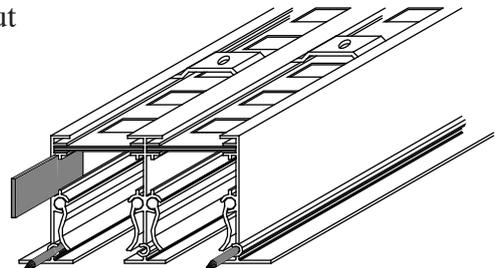
FC FIELD CUT

This option allows the linear slot diffuser to be cut to size at the job site. The diffuser is supplied 150mm (6") longer with the slot spacers set back to allow trimming. Field cut would be specified where a continuous run of diffuser or room layout is required and where there may be a duct length variation.



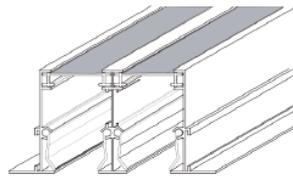
LSC STRAIGHTENED CORE

This option works as equalizing grid to deflect the air into the slot on short neck.



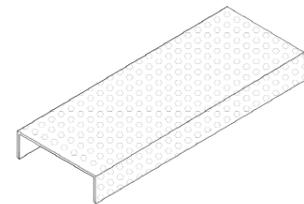
ALIGNMENT STRIPS

Join strips and Pins are provided on all units over 2800mm (112") with no extra cost. Providing linear alignment of continuous linear slot diffuser, the join strip slides into the outside & inside channels of the diffuser frame. Typical for all frame types.



BO METAL BLANK-OFF

Blank-offs are used to cover inactive sections of the linear slot diffuser. A drawing specifying the area of concern should be provided.



LS LIGHT SHIELD

Light shield is used to cover non plenum sections of the linear slot diffuser from light reflection, It is factory installed. A drawing specifying the area of concern should be provided.



LINEAR SLOT DIFFUSERS

SLSD

MODEL SLSD34

PERFORMANCE DATA

No. Of Slots	THROW DIRECTION	AREA FACTOR AK (Ft²) per Meter of Length	FACE VELOCITY (FPM)	500	700	900	1100	1300	1500	1700	1900	2100	2300		
				AIRFLOW (CFM/M)	SP (Inch. Wg)	NC	Throw(Ft)@50,100,150Fpm	AIRFLOW (CFM/M)	SP (Inch. Wg)	NC	Throw(Ft)@50,100,150Fpm	AIRFLOW (CFM/M)	SP (Inch. Wg)	NC	Throw(Ft)@50,100,150Fpm
1	VERTICAL	0.081 FT²	AIRFLOW (CFM/M)	41	57	73	89	105	122	138	154	170	186		
			SP (Inch. Wg)	0.014	0.028	0.046	0.069	0.096	0.128	0.164	0.205	0.250	0.300		
			NC	<15	<15	<15	16	22	27	32	36	40	43		
			Throw(Ft)@50,100,150Fpm	13,5,2	17,8,3	21,10,5	23,12,7	26,13,9	27,15,10	29,16,12	31,17,13	32,18,14	33,18,15		
	HORIZONTAL	0.087 FT²	AIRFLOW (CFM/M)	44	61	78	96	113	131	148	165	183	200		
			SP (Inch. Wg)	0.054	0.106	0.175	0.261	0.365	0.486	0.624	0.779	0.952	1.142		
			NC	16	26	34	40	45	49	>50	>50	>50	>50		
			Throw(Ft)@50,100,150Fpm	13,3,2	23,9,3	30,13,5	36,17,7	41,20,8	45,22,10	49,24,11	52,26,12	55,28,12	58,29,13		
2	VERTICAL	0.152 FT²	AIRFLOW (CFM/M)	76	106	137	167	198	228	258	289	319	350		
			SP (Inch. Wg)	0.015	0.030	0.050	0.075	0.105	0.140	0.180	0.225	0.275	0.330		
			NC	<15	<15	<15	18	24	29	34	38	42	45		
			Throw(Ft)@50,100,150Fpm	19,8,3	23,12,6	27,15,9	30,17,11	33,20,13	35,22,15	37,23,17	39,24,18	40,25,19	41,27,20		
	HORIZONTAL	0.151 FT²	AIRFLOW (CFM/M)	76	106	136	166	196	227	257	287	317	347		
			SP (Inch. Wg)	0.040	0.078	0.129	0.193	0.270	0.359	0.461	0.576	0.704	0.844		
			NC	15	25	32	37	42	46	49	>50	>50	>50		
			Throw(Ft)@50,100,150Fpm	18,8,5	24,13,7	29,16,9	33,19,11	36,21,13	39,23,14	41,25,15	44,26,16	6,28,17	48,29,18		
3	VERTICAL	0.219 FT²	AIRFLOW (CFM/M)	110	153	197	241	285	329	372	416	460	504		
			SP (Inch. Wg)	0.017	0.033	0.055	0.082	0.114	0.152	0.195	0.244	0.298	0.357		
			NC	<15	<15	<15	21	27	32	37	40	44	47		
			Throw(Ft)@50,100,150Fpm	22,10,5	27,15,9	31,19,12	34,21,14	37,24,16	39,26,18	41,28,20	43,29,21	45,30,22	46,32,23		
	HORIZONTAL	0.208 FT²	AIRFLOW (CFM/M)	104	146	187	229	270	312	354	395	437	478		
			SP (Inch. Wg)	0.030	0.059	0.098	0.146	0.204	0.272	0.349	0.436	0.533	0.639		
			NC	<15	23	30	35	40	44	47	>50	>50	>50		
			Throw(Ft)@50,100,150Fpm	21,11,7	25,15,10	29,18,12	31,20,14	34,22,16	34,24,17	37,25,18	39,26,19	40,27,20	42,28,21		
4	VERTICAL	0.285 FT²	AIRFLOW (CFM/M)	143	200	257	314	371	428	485	542	599	656		
			SP (Inch. Wg)	0.019	0.037	0.061	0.091	0.127	0.169	0.217	0.271	0.331	0.397		
			NC	<15	<15	17	24	30	35	40	44	47	>50		
			Throw(Ft)@50,100,150Fpm	23,12,7	28,17,11	32,21,14	35,25,16	38,26,18	40,28,20	42,30,21	44,31,22	46,32,23	47,34,24		
	HORIZONTAL	0.261 FT²	AIRFLOW (CFM/M)	131	183	235	287	339	392	444	496	548	600		
			SP (Inch. Wg)	0.025	0.050	0.082	0.122	0.170	0.226	0.290	0.362	0.442	0.530		
			NC	<15	22	29	35	39	43	47	>50	>50	>50		
			Throw(Ft)@50,100,150Fpm	21,11,7	25,15,10	29,18,12	31,20,14	34,22,16	34,24,17	37,25,18	39,26,19	40,27,20	42,28,21		
5	VERTICAL	0.349 FT²	AIRFLOW (CFM/M)	175	244	314	384	454	524	593	663	733	803		
			SP (Inch. Wg)	0.021	0.041	0.068	0.102	0.142	0.189	0.243	0.304	0.371	0.445		
			NC	<15	<15	21	28	34	39	44	48	>50	>50		
			Throw(Ft)@50,100,150Fpm	22,13,9	27,17,12	30,21,14	33,23,16	35,26,18	38,27,20	39,29,21	41,30,22	43,31,23	44,33,24		
	HORIZONTAL	0.311 FT²	AIRFLOW (CFM/M)	156	218	280	342	404	467	529	591	653	715		
			SP (Inch. Wg)	0.025	0.049	0.082	0.122	0.170	0.226	0.290	0.362	0.442	0.530		
			NC	<15	20	28	35	40	44	48	>50	>50	>50		
			Throw(Ft)@50,100,150Fpm	25,13,8	28,16,11	31,18,13	33,20,15	35,21,17	37,23,18	38,24,19	40,25,19	41,26,21	42,27,22		

**MODEL SLSD34
PERFORMANCE DATA**

No. Of Slots	THROW DIRECTION	AREA FACTOR AK (Ft²) per Meter of Length	FACE VELOCITY (FPM)	500	700	900	1100	1300	1500	1700	1900	2100	2300
6	VERTICAL	0.412 FT²	AIRFLOW (CFM/M)	206	288	371	453	536	618	700	783	865	948
			SP (Inch. Wg)	0.024	0.047	0.077	0.115	0.161	0.214	0.275	0.344	0.420	0.504
			NC	<15	15	25	32	39	44	48	>50	>50	>50
			Throw(Ft)@50,100,150Fpm	19,13,10	23,16,12	26,18,14	28,21,16	30,23,17	32,24,18	33,25,19	35,26,20	36,27,21	37,28,22
	HORIZONTAL	0.36 FT²	AIRFLOW (CFM/M)	180	252	324	396	468	540	612	684	756	828
			SP (Inch. Wg)	0.030	0.058	0.096	0.143	0.200	0.266	0.342	0.427	0.522	0.626
			NC	<15	19	28	36	42	47	47	>50	>50	>50
			Throw(Ft)@50,100,150Fpm	25,11,7	30,14,10	34,17,12	37,19,13	39,20,15	42,21,16	44,23,17	45,24,17	47,25,18	48,26,19
7	VERTICAL	0.473 FT²	AIRFLOW (CFM/M)	237	331	426	520	615	710	804	899	993	1088
			SP (Inch. Wg)	0.027	0.053	0.087	0.130	0.182	0.242	0.311	0.388	0.474	0.569
			NC	<15	19	29	37	43	49	>50	>50	>50	>50
			Throw(Ft)@50,100,150Fpm	14,13,11	17,14,11	19,15,12	20,17,14	21,18,15	23,18,15	23,18,15	25,19,16	25,20,17	26,20,18
	HORIZONTAL	0.406 FT²	AIRFLOW (CFM/M)	203	284	365	447	528	609	690	771	853	934
			SP (Inch. Wg)	0.039	0.076	0.126	0.188	0.263	0.350	0.450	0.562	0.687	0.824
			NC	<15	18	29	37	45	>50	>50	>50	>50	>50
			Throw(Ft)@50,100,150Fpm	24,8,5	32,11,7	37,14,9	43,17,10	45,18,11	49,18,13	53,21,14	54,23,13	57,24,14	58,25,15
8	VERTICAL	0.534 FT²	AIRFLOW (CFM/M)	267	374	481	587	694	801	908	1015	1121	1228
			SP (Inch. Wg)	0.031	0.060	0.099	0.148	0.207	0.276	0.355	0.443	0.541	0.649
			NC	<15	23	33	42	49	>50	>50	>50	>50	>50
			Throw(Ft)@50,100,150Fpm	14,13,11	17,14,11	19,15,12	20,17,14	21,18,15	23,18,15	23,18,15	25,19,16	25,20,17	26,20,18
	HORIZONTAL	0.452 FT²	AIRFLOW (CFM/M)	226	316	407	497	588	678	768	859	949	1040
			SP (Inch. Wg)	0.053	0.103	0.171	0.255	0.356	0.474	0.609	0.761	0.930	1.116
			NC	<15	17	30	40	49	>50	>50	>50	>50	>50
			Throw(Ft)@50,100,150Fpm	23,3,2	35,7,3	42,11,5	50,15,5	53,15,6	59,15,8	65,19,9	66,21,7	71,23,7	72,24,8

NOTES:

- 1- Performance Data is Based on ASHREA 70-06
- 2- CFM: Standard air density and ISOTHERMAL conditions.
- 3- AIRFLOW: based on CFM per Linear Meter of Grille
- 4- static pressure (SP): Inches of Water Gauge
- 5- Face Velocity: Face discharge velocity in feet per minute (fpm)
- 6- Noise Criteria: NC Level is based on room attenuaion of 10db (sound power level Re: 10-12Watts)
- 7- Throw: Projection distance in FEET from diffuser discharge at which the maximum velocity has been reduced to specifyied terminal velocity (Vt). Data show are for 50,100,150 Terminal velocity (fpm)
- 8- Vertical Throw: tested as diffuser installed in wall throwing horizontaly in the room
- 9- Horizontal Throw: tested as diffuser installed in Ceiling throwing in the room

MODEL SLSD10

PERFORMANCE DATA

No. Of Slots	THROW DIRECTION	AREA FACTOR AK (Ft²) per Meter of Length	FACE VELOCITY (FPM)	500	700	900	1100	1300	1500	1700	1900	2100	2300
1	VERTICAL	0.097 FT²	AIRFLOW (CFM/M)	49	68	87	107	126	146	165	184	204	223
			SP (Inch. Wg)	0.008	0.016	0.026	0.039	0.055	0.073	0.094	0.117	0.143	0.172
			NC	<15	<15	<15	<15	<15	18	22	25	29	32
			Throw(Ft)@50,100,150Fpm	11,2,2	15,6,2	18,10,5	20,12,7	22,15,9	24,17,10	25,18,12	26,20,13	28,21,14	29,22,15
	HORIZONTAL	0.107 FT²	AIRFLOW (CFM/M)	54	75	96	118	139	161	182	203	225	246
			SP (Inch. Wg)	0.019	0.037	0.060	0.090	0.126	0.168	0.216	0.270	0.330	0.396
			NC	<15	<15	17	22	27	31	34	37	40	43
			Throw(Ft)@50,100,150Fpm	12,6,2	19,11,5	24,14,7	28,17,9	32,19,11	35,21,12	38,22,13	40,24,14	42,25,15	44,26,16
2	VERTICAL	0.199 FT²	AIRFLOW (CFM/M)	100	139	179	219	259	299	338	378	418	458
			SP (Inch. Wg)	0.014	0.027	0.045	0.067	0.094	0.125	0.161	0.201	0.246	0.295
			NC	<15	<15	<15	18	24	28	33	36	40	43
			Throw(Ft)@50,100,150Fpm	20,7,3	25,12,7	28,16,10	31,19,13	34,22,15	36,24,16	38,26,18	39,28,20	41,29,21	42,30,23
	HORIZONTAL	0.182FT²	AIRFLOW (CFM/M)	91	127	164	200	237	273	309	346	382	419
			SP (Inch. Wg)	0.015	0.030	0.050	0.075	0.105	0.140	0.180	0.225	0.275	0.330
			NC	<15	<15	16	21	26	30	33	37	39	42
			Throw(Ft)@50,100,150Fpm	18,7,2	25,11,5	30,13,6	35,15,8	38,17,9	41,18,9	43,19,10	46,21,11	48,22,12	50,22,13
3	VERTICAL	0.302 FT²	AIRFLOW (CFM/M)	151	211	272	332	393	453	513	574	634	695
			SP (Inch. Wg)	0.020	0.038	0.063	0.094	0.114	0.152	0.195	0.244	0.298	0.357
			NC	<15	<15	19	26	32	37	41	45	48	>50
			Throw(Ft)@50,100,150Fpm	25,10,5	31,16,10	35,20,13	38,23,16	41,26,18	44,29,20	46,31,22	48,33,24	49,34,25	51,36,27
	HORIZONTAL	0.248 FT²	AIRFLOW (CFM/M)	124	174	223	273	322	372	422	471	521	570
			SP (Inch. Wg)	0.014	0.027	0.045	0.067	0.094	0.125	0.161	0.201	0.246	0.295
			NC	<15	<15	16	21	26	30	34	37	40	42
			Throw(Ft)@50,100,150Fpm	23,9,4	30,12,6	35,14,7	40,16,8	43,17,9	46,19,9	48,20,10	51,21,11	53,22,11	55,22,12
4	VERTICAL	0.406FT²	AIRFLOW (CFM/M)	203	284	365	447	528	609	690	771	853	934
			SP (Inch. Wg)	0.025	0.049	0.081	0.121	0.169	0.225	0.289	0.361	0.441	0.529
			NC	<15	17	26	32	38	43	47	>50	>50	>50
			Throw(Ft)@50,100,150Fpm	27,11,6	33,18,11	38,22,14	41,25,17	44,28,19	47,31,21	50,34,23	52,36,25	53,37,25	55,39,28
	HORIZONTAL	0.309FT²	AIRFLOW (CFM/M)	155	216	278	340	402	464	525	587	649	711
			SP (Inch. Wg)	0.014	0.027	0.045	0.067	0.094	0.125	0.161	0.201	0.246	0.295
			NC	<15	<15	16	22	27	31	35	38	41	44
			Throw(Ft)@50,100,150Fpm	26,12,6	33,15,7	39,17,9	44,19,10	47,20,10	50,23,11	52,24,12	55,25,13	57,26,13	59,26,14
5	VERTICAL	0.511 FT²	AIRFLOW (CFM/M)	256	358	460	562	664	767	869	971	1073	1175
			SP (Inch. Wg)	0.030	0.059	0.098	0.146	0.204	0.272	0.349	0.436	0.533	0.639
			NC	<15	21	30	36	42	47	>50	>50	>50	>50
			Throw(Ft)@50,100,150Fpm	25,11,5	32,17,9	36,21,12	40,25,15	43,28,17	46,31,19	49,34,21	51,36,23	53,37,24	55,39,26
	HORIZONTAL	0.366 FT²	AIRFLOW (CFM/M)	183	256	329	403	476	549	622	695	769	842
			SP (Inch. Wg)	0.016	0.031	0.051	0.076	0.106	0.141	0.181	0.226	0.276	0.331
			NC	<15	<15	18	24	29	33	37	41	44	46
			Throw(Ft)@50,100,150Fpm	28,15,7	35,19,9	41,22,11	46,25,13	49,27,13	52,29,14	55,31,15	57,32,16	59,34,17	62,34,18



LINEAR SLOT DIFFUSERS SLSD

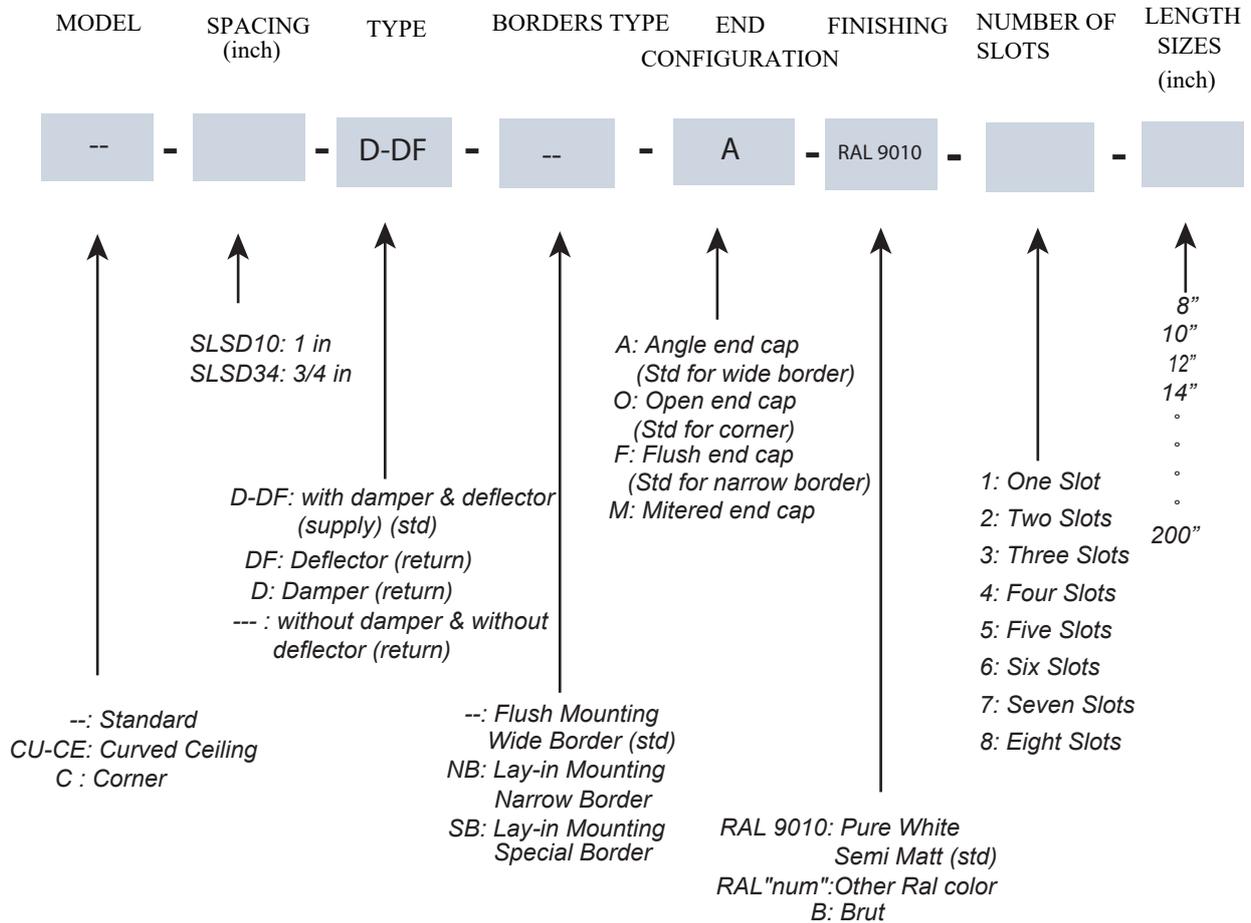
MODEL SLSD10 PERFORMANCE DATA

No. Of Slots	THROW DIRECTION	AREA FACTOR AK (Ft²) per Meter of Length	FACE VELOCITY (FPM)	500	700	900	1100	1300	1500	1700	1900	2100	2300
6	VERTICAL	0.616 FT²	AIRFLOW (CFM/M)	308	431	554	678	801	924	1047	1170	1294	1417
			SP (Inch. Wg)	0.035	0.068	0.113	0.169	0.236	0.314	0.403	0.503	0.614	0.737
			NC	<15	23	31	38	43	48	>50	>50	>50	>50
			Throw(Ft)@50,100,150Fpm	19,8,2	26,14,6	31,19,9	35,22,11	38,26,13	41,28,15	44,31,17	46,33,18	48,34,19	50,36,20
	HORIZONTAL	0.421 FT²	AIRFLOW (CFM/M)	211	295	379	463	547	632	716	800	884	968
			SP (Inch. Wg)	0.019	0.037	0.062	0.093	0.130	0.173	0.222	0.277	0.338	0.405
			NC	<15	<15	20	27	32	37	41	44	47	>50
			Throw(Ft)@50,100,150Fpm	29,19,9	36,25,12	42,29,15	47,33,17	50,36,18	54,39,20	57,41,21	59,43,22	61,45,23	64,46,24
7	VERTICAL	0.723 FT²	AIRFLOW (CFM/M)	362	506	651	795	940	1085	1229	1374	1518	1663
			SP (Inch. Wg)	0.039	0.077	0.127	0.190	0.265	0.353	0.453	0.566	0.691	0.829
			NC	<15	23	31	38	43	47	>50	>50	>50	>50
			Throw(Ft)@50,100,150Fpm	10,4,2	17,9,3	22,14,3	26,17,4	29,22,6	31,23,8	34,26,10	36,28,10	39,29,11	41,30,11
	HORIZONTAL	0.474 FT²	AIRFLOW (CFM/M)	237	332	427	521	616	711	806	901	995	1090
			SP (Inch. Wg)	0.240	0.047	0.078	0.117	0.163	0.217	0.279	0.349	0.426	0.511
			NC	<15	15	23	30	36	41	45	49	>50	>50
			Throw(Ft)@50,100,150Fpm	28,24,11	35,32,15	42,38,20	46,44,23	50,48,24	54,52,28	58,54,29	59,57,30	61,60,32	65,62,33
8	VERTICAL	0.829 FT²	AIRFLOW (CFM/M)	415	580	746	912	1078	1244	1409	1575	1741	1907
			SP (Inch. Wg)	0.044	0.086	0.142	0.212	0.296	0.394	0.506	0.632	0.772	0.926
			NC	<15	21	29	35	40	44	48	>50	>50	>50
			Throw(Ft)@50,100,150Fpm	10,4,2	17,9,3	22,14,3	26,17,4	29,22,6	31,23,8	34,26,10	36,28,10	39,29,11	41,30,11
	HORIZONTAL	0.525 FT²	AIRFLOW (CFM/M)	263	368	473	578	683	788	893	998	1103	1208
			SP (Inch. Wg)	0.031	0.060	0.099	0.148	0.207	0.276	0.355	0.443	0.541	0.649
			NC	<15	19	28	35	41	46	>50	>50	>50	>50
			Throw(Ft)@50,100,150Fpm	29,26,13	41,33,19	49,40,26	57,44,30	63,48,32	68,54,38	71,59,39	75,59,40	79,61,43	82,65,44

NOTES:

- 1- Performance Data is Based on ASHREA 70-06
- 2- CFM: Standard air density and ISOTHERMAL conditions.
- 3- AIRFLOW: based on CFM per Linear Meter of Grille
- 4- static pressure (SP): Inches of Water Gauge
- 5- Face Velocity: Face discharge velocity in feet per minute (fpm)
- 6- Noise Criteria: NC Level is based on room attenuaion of 10db (sound power level Re: 10-12Watts)
- 7- Throw: Projection distance in FEET from diffuser discharge at which the maximum velocity has been reduced to specifiyed terminal velocity (Vt). Data show are for 50,100,150 Terminal velocity (fpm)
- 8- Vertical Throw: tested as diffuser installed in wall throwing horizontally in the room
- 9- Horizontal Throw: tested as diffuser installed in Ceiling throwing in the room

ORDERING INFORMATION



N.B: - For more information, please check the submittal sheet.
 - Sizes: minimum length 8".
 - For special design, a drawing should be provided.