

SLOT DIFFUSERS

WALL DIFFUSER

Materials

- Extruded aluminium A6063.

Surface Finish

- Baked white powder coated as standard.
- Pattern controller vane is black anodised.

Features

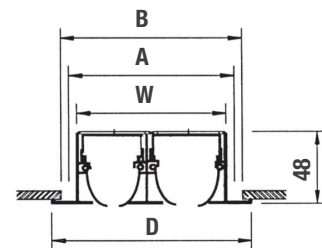
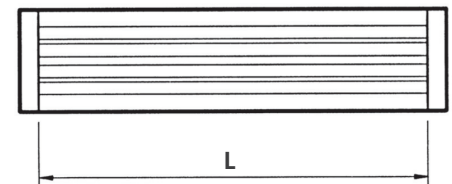
- SLLS linear ceiling diffuser can be used in T-bar ceiling suspension system & other ceiling types as well.
- The diffuser incorporates curved blade pattern controllers for adjustment of air distribution.
- Available in 1 slot to 6 slots.
- Approximately 38% free area when blades are fully open.



Slot Diffuser - Face only

DIMENSION INFORMATION - DIFFUSER ONLY

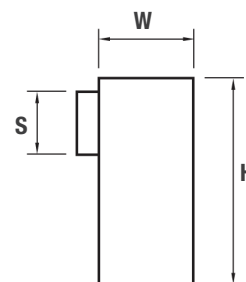
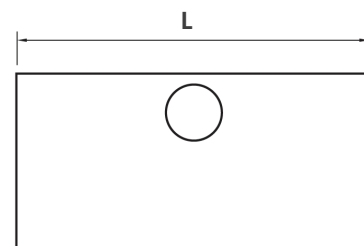
Slots	Length (L)	Neck Size (W)	Duct Size (A)	Ceiling Cut Out (B)	Face Size (D)	Order Code
1 Slot	600mm	48mm				DCT2685
	900mm	48mm				DCT3548
	1200mm	48mm				DCT2686
2 Slot	600mm	93mm				DCT2653
	900mm	93mm	L + 10mm	L + 15mm	L + 37mm	DCT3549
	1200mm	93mm	W + 10mm	W + 15mm		DCT2655
	1500mm	93mm				DCT2688
	1800mm	93mm				DCT2689
3 Slot	1200mm	138mm				DCT2687
	1800mm	138mm				DCT2690



Dimensions - Diffuser Only

DIMENSION INFORMATION - PLENUM ONLY

Slots	Length (L)	Width (W)	Height (H)	Spigot Size (S)	Order Code
1 Slot	600mm			150mm	DCT2677
	900mm			200mm	DCT3546
	1200mm			150mm	DCT2679
2 Slot	600mm			150mm	DCT2678
	900mm			200mm	DCT3547
	1200mm	Diffuser Neck size +20mm	230mm	200mm	DCT2680
	1200mm			300mm	DCT2654
	1500mm			250mm	DCT2682
	1800mm			250mm	DCT2683
3 Slot	1200mm			250mm	DCT2681
	1800mm			300mm	DCT2689



Dimensions - Plenum Only

TECHNICAL DATA (WITH PLENUM)

Slots	Spigot Size (mm)	Length (mm)								
1 Slot	150mm	600mm	Static Pressure (Pa)	4	8	14	23	33	45	58
			Throw (m)	1.8-3.4	2.7-4.0	3.4-4.6	3.7-5.2	0.4-5.5	4.3-6.1	4.6-6.4
			Flow (l/s)	14	21	28	36	43	50	57
			Flow (m³/hr)	51	77	102	128	153	179	204
			NR (dB(A))			26	31	35	38	42
1 Slot	150mm	1200mm	Static Pressure (Pa)	3	8	14	21	31	42	55
			Throw (m)	0.6-2.7	2.7-4.0	2.7-4.6	3.7-5.2	0.4-5.5	4.3-6.1	4.6-6.4
			Flow (l/s)	21	32	43	53	64	75	85
			Flow (m³/hr)	77	116	153	192	230	269	306
			NR (dB(A))			25	30	35	38	41
2 Slot	150mm	600mm	Static Pressure (Pa)	3	7	12	20	28	39	52
			Throw (m)	0.9-3.7	2.1-5.8	0.4-7.9	5.2-10.1	6.1-11.9	0.7-12.8	8.2-13.7
			Flow (l/s)	19	30	40	51	61	72	83
			Flow (m³/hr)	68	107	145	184	221	260	298
			NR (dB(A))			24	29	34	37	41
2 Slot	200mm	1200mm	Static Pressure (Pa)	5	9	14	21	29	39	49
			Throw (m)	1.5-4.0	2.7-5.2	3.7-6.1	4.3-6.7	5.2-7.3	8.5-7.6	5.8-8.2
			Flow (l/s)	43	59	76	92	109	125	142
			Flow (m³/hr)	153	213	272	332	391	451	510
			NR (dB(A))			24	29	33	36	39
3 Slot	250mm	1200mm	Static Pressure (Pa)	4	7	12	18	26	35	45
			Throw (m)	2.4-5.5	0.4-7.0	5.2-7.9	6.1-8.8	6.7-9.4	7.3-10.4	7.9-11.0
			Flow (l/s)	71	102	132	163	194	224	255
			Flow (m³/hr)	255	366	476	587	697	808	918
			NR (dB(A))			24	29	33	37	40