

SSCLCD - SSLCD

LOUVERED CEILING DIFFUSER

Nom Neck Size		Nom. Neck Ft.	Nom. Neck Sq.	Neck Velocity			300	400	500	600	700	800	900											
W	H			Ps	0.03			0.06	0.09	0.13	0.18	0.24	0.30											
6"	6"	0.25	CFM	80			100	130	150	180	200	230												
			NC	<20			<20	<20	23	27	30	33												
			4 Way throw	4	5	7	4	6	8	5	6	9	6	7	10	6	7	10	6	8	11	7	8	12
			3 Way throw	5	6	9	6	7	10	6	8	11	7	8	12	7	9	13	8	10	13	8	10	14
			2 Way throw	6	7	10	6	8	11	7	9	13	8	10	13	9	10	15	9	11	16	10	12	17
			1 Way throw	8	10	14	9	11	16	10	13	18	11	13	19	12	15	21	13	16	22	14	17	24
9"	9"	0.56	CFM	170			230	280	340	390	450	510												
			NC	<20			<20	21	26	30	34	37												
			4 way throw	6	7	10	7	8	12	8	9	13	8	10	14	9	11	15	10	12	17	10	12	18
			3 Way throw	7	9	12	8	10	14	9	11	16	10	12	18	11	13	19	12	14	20	12	15	22
			2 Way throw	8	10	14	10	12	17	11	13	18	12	14	20	13	15	22	13	17	23	14	18	25
			1 Way throw	12	14	20	14	17	24	15	18	26	17	20	29	18	22	31	19	23	33	20	25	35
12"	12"	1.00	CFM	300			400	500	600	700	800	900												
			NC	<20			<20	24	29	33	36	39												
			4 Way throw	8	10	13	9	11	16	10	12	17	11	13	19	12	15	21	13	16	22	13	17	23
			3 Way throw	10	12	17	11	13	19	12	15	21	13	17	23	15	18	25	16	19	27	17	20	29
			2 Way throw	11	13	19	13	16	22	14	17	25	16	19	27	17	21	29	18	22	31	19	23	33
			1 Way throw	16	19	27	18	22	31	20	25	35	22	27	38	24	29	41	25	31	44	27	33	47
15"	15"	1.56	CFM	470			630	780	940	1,090	1,250	1,410												
			NC	<20			20	26	30	34	38	41												
			4 Way throw	10	12	17	11	14	20	13	15	22	14	17	24	15	18	26	16	19	28	17	21	29
			3 Way throw	12	15	21	14	17	24	15	19	27	17	21	29	18	22	31	19	24	34	21	25	36
			2 Way throw	14	17	24	16	20	28	18	22	31	19	24	34	21	26	36	22	28	39	24	29	41
			1 Way throw	19	24	34	23	28	39	25	31	43	28	34	48	30	36	51	32	39	55	34	41	58
18"	18"	2.25	CFM	680			900	1,130	1,350	1,580	1,800	2,030												
			NC	<20			22	27	32	36	40	43												
			4 Way throw	12	14	20	13	17	23	15	18	26	17	20	29	18	22	31	19	23	33	20	25	35
			3 Way throw	14	18	25	17	20	29	18	23	32	20	25	35	22	27	38	23	29	40	25	30	43
			2 Way throw	17	20	29	19	23	33	21	26	37	23	29	40	25	31	44	27	33	47	29	35	50
			1 Way throw	23	29	41	27	33	47	30	37	52	33	40	57	36	44	62	38	47	66	40	50	70
21"	21"	3.06	CFM	920			1,230	1,530	1,840	2,140	2,450	2,760												
			NC	<20			23	29	33	37	41	44												
			4 Way throw	14	17	24	16	19	27	18	22	30	19	24	33	21	25	36	22	27	39	24	29	41
			3 Way throw	17	20	29	19	24	33	22	26	37	24	29	41	25	31	44	27	33	47	29	35	50
			2 Way throw	19	24	33	22	27	39	25	30	43	27	33	47	29	36	51	31	39	54	33	41	58
			1 Way throw	27	33	47	31	39	55	35	43	61	39	47	67	42	51	72	44	54	77	47	58	82
24"	24"	4.00	CFM	1,200			1,600	2,000	2,400	2,800	3,200	3,600												
			NC	<20			24	30	35	39	42	45												
			4 Way throw	16	19	27	18	22	31	20	25	35	22	27	38	24	29	41	25	31	44	27	33	47
			3 Way throw	19	23	33	22	27	38	25	30	43	27	33	47	29	36	50	31	38	54	33	40	57
			2 Way throw	22	27	38	25	31	44	28	35	49	31	38	54	34	41	58	36	44	62	38	47	66
			1 Way throw	31	38	54	36	44	62	40	49	70	44	54	76	48	58	82	51	62	88	54	66	93
27"	27"	5.06	CFM	1,520			2,030	2,530	3,040	3,540	4,050	4,560												
			NC	<20			25	31	36	40	43	46												
			4 Way throw	18	21	30	20	25	35	23	28	39	25	30	43	27	33	46	29	35	50	30	37	53
			3 Way throw	21	26	37	25	30	43	28	34	48	30	37	53	33	40	57	35	43	61	37	45	64
			2 Way throw	25	30	43	29	35	50	32	39	55	35	43	61	38	46	65	40	50	70	43	53	74
			1 Way throw	35	43	61	40	50	70	45	55	78	50	61	86	53	65	93	57	70	99	61	74	105
30"	30"	6.25	CFM	1,880			2,500	3,130	3,750	4,380	5,000	5,630												
			NC	<20			26	32	36	40	44	47												
			4 Way throw	19	24	34	22	28	39	25	31	44	28	34	48	30	36	51	32	39	55	34	41	58
			3 Way throw	24	29	41	28	34	48	31	38	53	34	41	58	36	45	63	39	48	67	41	51	71
			2 Way throw	28	34	48	32	39	55	36	44	62	39	48	67	42	51	73	45	55	78	48	58	83
			1 Way throw	39	48	67	45	55	78	50	62	87	55	67	95	59	73	103	64	78	110	67	83	117
33"	33"	7.56	CFM	2,270			3,030	3,780	4,540	5,290	6,050	6,810												
			NC	<20			27	33	37	41	45	48												
			4 Way throw	21	26	37	25	30	43	28	34	48	30	37	52	33	40	57	35	43	61	37	45	64
			3 Way throw	26	32	45	30	37	52	34	41	59	37	45	64	40	49	69	43	52	74	45	56	79
			2 Way throw	30	37	52	35	43	61	39	48	68	43	52	74	46	57	80	49	61	86	52	64	91
			1 Way throw	43	52	74	49	61	86	55	68	96	61	74	105	65	80	113	70	86	121	74	91	128
36"	36"	9.00	CFM	2,700			3,600	4,500	5,400	6,300	7,200	8,100												
			NC	20			28	33	38	42	46	49												
			4 Way throw	23	29	40	27	33	47	30	37	52	33	40	57	36	44	62	38	47	66	40	50	70
			3 Way throw	29	35	50	33	40	57	37	45	64	40	50	70	44	53	76	47	57	81	50	61	86
			2 Way throw	33	40	57	38	47	66	43	52	74	47	57	81	50	62	87	54	66	93	57	70	99
			1 Way throw	47	57	81	54	66	93	60	74	104	66	81	114	71	87	123	76	93	132	81	99	140

Data determined in accordance with ASHRAE Standard 70-1991

Velocity - Neck Velocity, Fpm

Ps - Static Pressure, inches w.g.

Throw - Distance, in feet, to terminal velocities Vt = 150, 100, 50 Fpm, respectively.

3 Way - Throw distances shown are for the two opposite directions. The other throw distance is equal to the 4 way throw distance.

NC - Noise Criteria with 10 dB room attenuation.