

LD LINEAR DIFFUSER: LD-24, LD-48, LD-72

LD - 1/2" - 2 Slot Supply

Face Velocity FPM		335	670	1000	1330
Pressure Loss		0.01	0.02	0.05	0.08
LD-24-A-2	CFM	20	40	60	80
	NC	<20	<20	20	25
	Throw -Ceiling	4-6	8-11	10-14	13-17
	Throw -Sidewall	2-4	6-9	8-12	11-15
LD-36-A-2	CFM	30	60	90	120
	NC	<20	<20	20	25
	Throw -Ceiling	4-6	8-11	10-14	13-17
	Throw -Sidewall	2-4	6-9	8-12	11-15
LD-48-A-2	CFM	40	60	120	160
	NC	<20	<20	20	25
	Throw -Ceiling	4-6	8-11	10-14	13-17
	Throw -Sidewall	2-4	6-9	8-12	11-15
LD-72-A-2	CFM	60	120	180	240
	NC	<20	<20	20	25
	Throw -Ceiling	4-6	8-11	10-14	13-17
	Throw -Sidewall	2-4	6-9	8-12	11-15

LD - 3/4" - 2 Slot Supply

Face Velocity FPM		400	600	800	1000	1200	1400
Pressure Loss		0.01	0.02	0.04	0.06	0.09	0.13
LD-24-B-2	CFM	40	60	80	100	120	140
	NC	<20	20	25	25	30	30
	Throw -Ceiling	6-9	8-11	10-14	11-15	13-17	15-20
	Throw -Sidewall	4-7	6-9	8-12	9-13	11-15	13-18
LD-36-B-2	CFM	60	90	120	150	180	210
	NC	<20	20	25	25	30	30
	Throw -Ceiling	6-9	8-11	10-14	11-15	13-17	15-20
	Throw -Sidewall	4-7	6-9	8-12	9-13	11-15	13-18
LD-48-B-2	CFM	80	120	160	200	240	280
	NC	<20	20	25	25	30	30
	Throw -Ceiling	6-9	8-11	10-14	11-15	13-17	15-20
	Throw -Sidewall	4-7	6-9	8-12	9-13	11-15	13-18
LD-72-B-2	CFM	120	180	240	300	360	420
	NC	<20	20	25	25	30	30
	Throw -Ceiling	6-9	8-11	10-14	11-15	13-17	15-20
	Throw -Sidewall	4-7	6-9	8-12	9-13	11-15	13-18

LD - 1" - 2 Slot Supply

Face Velocity FPM		500	670	835	1000	1165	1335
Pressure Loss		0.02	0.03	0.04	0.06	0.09	0.11
LD-24-C-2	CFM	60	80	100	120	140	160
	NC	20	20	30	30	30	35
	Throw -Ceiling	7-9	8-10	10-14	13-15	13-17	15-19
	Throw -Sidewall	5-7	6-9	8-12	11-15	11-15	14-17
LD-36-C-2	CFM	90	120	150	180	210	240
	NC	20	20	30	30	30	35
	Throw -Ceiling	7-9	8-10	10-14	13-15	13-17	15-19
	Throw -Sidewall	5-7	6-9	8-12	11-15	11-15	14-17
LD-48-C-2	CFM	120	160	200	240	280	320
	NC	20	20	30	30	30	35
	Throw -Ceiling	7-9	8-10	10-14	13-15	13-17	15-19
	Throw -Sidewall	5-7	6-9	8-12	11-15	11-15	14-17
LD-72-C-2	CFM	180	240	300	360	420	480
	NC	20	20	30	30	30	35
	Throw -Ceiling	7-9	8-10	10-14	13-15	13-17	15-19
	Throw -Sidewall	5-7	6-9	8-12	11-15	11-15	14-17