



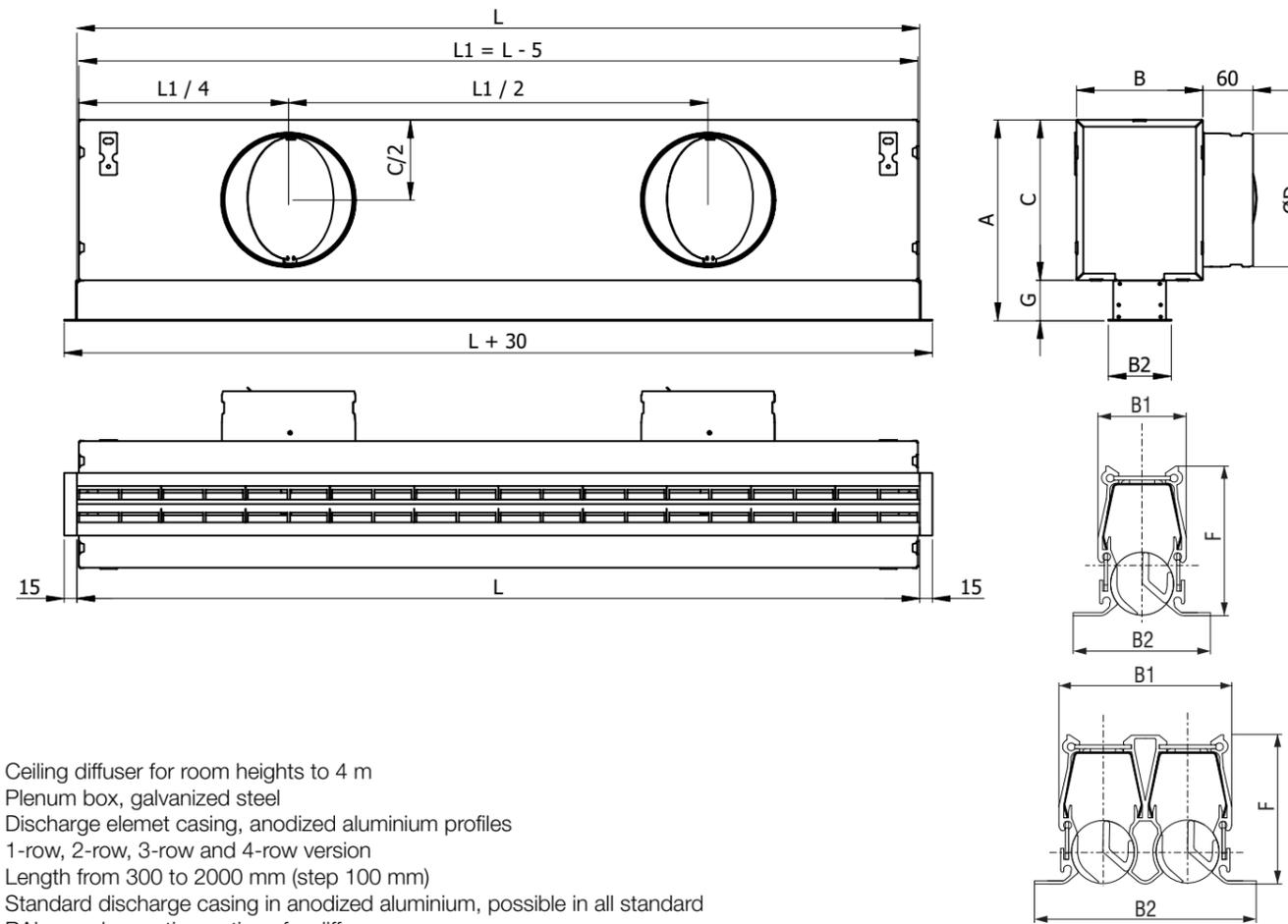
Product manual

# Linear diffusers

LDD, LDF, LDM, LDA, LDH

Air distribution

Version 1.2.2  
Date: 12.11.2025.



## LDD

Linear diffusers with 30 mm (LDD-30) and 50 mm (LDD-50) discharge element diameter. Discharge elements are individually adjustable, providing flexibility to meet various space requirements. Linear diffusers LDD are ideal for highly discrete architectural applications, with accessories for easy inline combination of multiple diffusers and plenum boxes.

- Ceiling diffuser for room heights to 4 m
- Plenum box, galvanized steel
- Discharge element casing, anodized aluminium profiles
- 1-row, 2-row, 3-row and 4-row version
- Length from 300 to 2000 mm (step 100 mm)
- Standard discharge casing in anodized aluminium, possible in all standard RAL powder coating options for diffusers

- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
- ▼ LDA Rotate adjustable linear diffuser
- ▼ LDH Flush mounted linear diffuser

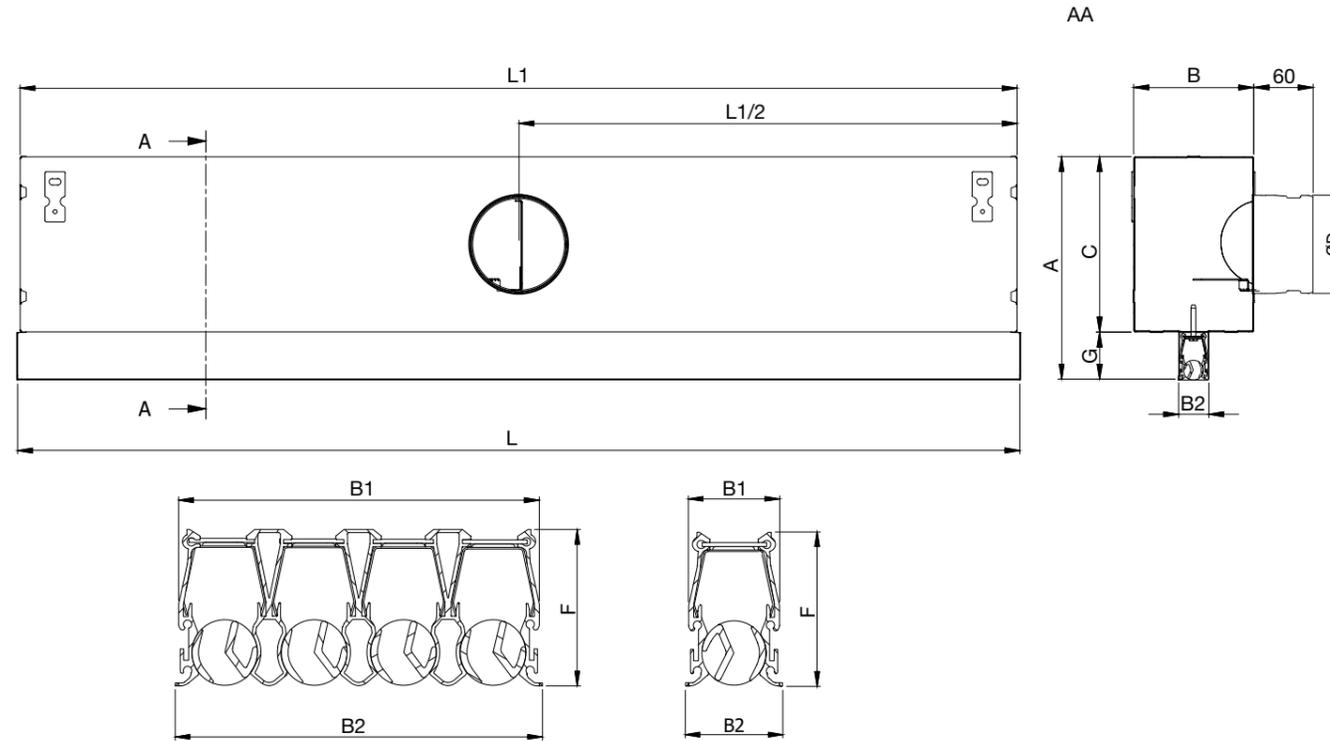


## AIR DISTRIBUTION

### DIMENSIONS

Type	No. of slots	A <sub>ef</sub> [m <sup>2</sup> /m]	L [mm]	V [m <sup>3</sup> /h]	h [m]	B1 [mm]	B2 [mm]	A [mm]	B [mm]	C [mm]	øD [mm]	Connection diameter	No. of connections	F [mm]	G [mm]				
LDD 30	1	0,00752	do 1000	40 -130	2,7	28	47,5	223	120	175	98	100	1	47,5	48				
			1100-1500													-4,0	123	125	2
			1600-2000																
	2	0,01504	do 1000	70 -240	2,7	55	74,5	238	150	190	158	160	1	47,5	48				
			1100-1500													-4,5	123	125	2
			1600-2000																
	3	0,02256	do 1000	120 -320	3,0	82	101,5	263	180	215	158	160	1	47,5	48				
			1100-1500													-5,0	158	160	2
			1600-2000																
	4	0,03008	do 1000	160 -400	3,5	109	128,5	303	210	255	198	200	1	47,5	48				
			1100-1500													-5,0	158	160	2
			1600-2000																

Type	No. of slots	A <sub>ef</sub> [m <sup>2</sup> /m]	L [mm]	V [m <sup>3</sup> /h]	h [m]	B1 [mm]	B2 [mm]	A [mm]	B [mm]	C [mm]	øD [mm]	Connection diameter	No. of connections	F [mm]	G [mm]				
LDD 50	1	0,01504	do 1000	75 -210	2,7	43,5	71	253	130	195	123	125	1	57,5	58				
			1100-1500													-4,0	123	125	2
			1600-2000																
	2	0,03008	do 1000	130 -390	2,7	93,5	121	273	180	215	158	160	1	57,5	58				
			1100-2000													-4,5	158	160	2
			1600-2000																
	3	0,04512	do 1000	195 -520	3,0	143,5	171	313	230	255	198	200	1	57,5	58				
			1100-1500													-5,0	158	160	2
			1600-2000																
	4	0,06016	do 1000	260 -650	3,5	193,5	221	338	280	280	248	250	1	57,5	58				
			1100-1500													-5,0	198	200	2
			1600-2000																



## LDD-N

Narrow linear diffusers with 30 mm (LDD-N-30) and 50 mm (LDD-N-50) discharge element diameter. Discharge elements are individually adjustable, providing flexibility to meet various space requirements. Linear diffusers LDD-N are ideal for highly discrete architectural applications, with accessories for easy inline combination of multiple diffusers and plenum boxes.

- Ceiling diffuser for room heights to 4 m
- Plenum box, galvanized steel
- Discharge element casing, anodized aluminium profiles
- 1-row, 2-row, 3-row and 4-row version
- Length from 300 to 2000 mm (step 100 mm)
- Standard discharge casing in anodized aluminium, possible in all standard RAL powder coating options for diffusers

- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
- ▼ LDA Rotate adjustable linear diffuser
- ▼ LDH Flush mounted linear diffuser



### DIMENSIONS

Type	No. of slots	A <sub>ef</sub> [m <sup>2</sup> /m]	L [mm]	V [m <sup>3</sup> /h]	h [m]	B1 [mm]	B2 [mm]	A [mm]	B [mm]	C [mm]	øD [mm]	Connection diameter	No. of connections	F [mm]	G [mm]	
LDD-N-30	1	0,00752	do 1000	40 -130	2,7	28	30	223	120	175	98	100	1	47,5	48	
			1100-1500													
			1600-2000													
	2	0,01504	do 1000	70 -240	2,7	55	57	238	150	190	158	160	1	47,5	48	
																1100-1500
																1600-2000
	3	0,02256	do 1000	120 -320	3,0	82	84	263	180	215	158	160	1	47,5	48	
																1100-1500
																1600-2000
	4	0,03008	do 1000	160 -400	3,5	109	111	303	210	255	198	200	1	47,5	48	
																1100-1500
																1600-2000

Type	No. of slots	A <sub>ef</sub> [m <sup>2</sup> /m]	L [mm]	V [m <sup>3</sup> /h]	h [m]	B1 [mm]	B2 [mm]	A [mm]	B [mm]	C [mm]	øD [mm]	Connection diameter	No. of connections	F [mm]	G [mm]	
LDD-N-50	1	0,01504	do 1000	75 -210	2,7	43,5	45,5	253	130	195	123	125	1	57,5	58	
			1100-1500													
			1600-2000													
	2	0,03008	do 1000	130 -390	2,7	93,5	95,5	273	180	215	158	160	1	57,5	58	
																1100-2000
																1600-2000
	3	0,04512	do 1000	195 -520	3,0	143,5	145,5	313	230	255	198	200	1	57,5	58	
																1100-1500
																1600-2000
	4	0,06016	do 1000	260 -650	3,5	193,5	195,5	338	280	280	248	250	1	57,5	58	
																1100-1500
																1600-2000



Easy connection of multiple diffusers in line with serial connection piece



- A 5 side insulation
- B Plenum connection
- C RD regulation damper
- D Mounting suspension
- E Galvanized steel casing
- F LDD diffuser
- G End plates and joints
- H Discharge elements
- I Mounting screw

- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
- ▼ LDA Rotate adjustable linear diffuser
- ▼ LDH Flush mounted linear diffuser



PRODUCT CALCULATION SOFTWARE

DIFFUSER \ LDD

AIR DISTRIBUTION

**ORDERING KEY LDD**

(1) Diffuser model (2) Number of slots (3) Diffuser length (4) Discharge element color (5) RAL

LDD-30	-	2	-	2000	-	B	-	RAL
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- (1) LDD-N-30, LDD-30, LDD-N-50, LDD-50
- (2) 1/2/3/4
- (3) Diffusers length (500...2000 mm in 100 mm increments)
- (4) B - black discharge elements  
W - white discharge elements  
G - grey discharge elements
- (5) RAL

\* Diffuser comes standard with two alignment pins

**ORDERING KEY LDD + PBL-D**

(1) Diffuser model (2) Number of slots (3) Diffuser length (4) Discharge element color (5) Plenum box (6) No. of connections / diameter (7) Insulation (8) RAL

LDD-30	-	2	-	2000	-	B	-	PBL-D	-	1x100	-	Z	-	RAL
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- (1) LDD-N-30, LDD-30, LDD-N-50, LDD-50
- (2) 1/2/3/4
- (3) Diffusers length (500...2000 mm in 100 mm increments)
- (4) B - black discharge elements  
W - white discharge elements  
G - grey discharge elements
- (5) PBL-D plenum box
- (6) No. of connections/ diameter (see table pg.2)
- (7) Z - internal insulation
- (8) RAL

**ORDERING KEY LDD Plenum box**

(1) Plenum box (2) Diffuser model (3) Number of slots (4) Diffuser length (5) Insulation (6) No. of connections / diameter

PBL-D	-	30	-	1	-	500	-	Z	-	1x100
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- (1) PBL-D plenum box
- (2) 30 - LDD30  
50 - LDD50
- (3) 1/2/3/4
- (4) Diffusers length (500...2000 mm in 100 mm increments)
- (5) Z - internal insulation
- (6) No. of connections/ diameter (see table pg. 2)



End profile L

A Connection seal  
B Corner section

- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
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- ▼ LDH Flush mounted linear diffuser



⊕ ACCESSORIES / LDD

AIR DISTRIBUTION

**ORDERING KEY Connection seal**

(1) Connection seal      (2) Plenum box diameter [mm]

<b>LDD -A-SL</b>	-	<b>98</b>
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- (1) **SL**  
(2) **98**  
123  
158  
198  
248

**ORDERING KEY Corner section**

(1) Corner section      (2) Number of slots      (3) Diffuser angle      (4) Discharge element color      (5) RAL

<b>LDD-A-CSN- 30</b>	-	<b>2</b>	-	<b>90°</b>	-	<b>B</b>	-	<b>RAL</b>	-
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- (1) **LDD-A-CS-30, LDD-A-CSN-30 (LDD-N)**  
**LDD-A-CS-50, LDD-A-CSN-50 (LDD-N)**  
(2) **1/2/3/4**  
(3) **90°**  
(4) **B** - black discharge elements  
**W** - white discharge elements  
**G** - grey discharge elements  
(5) **RAL**

**Corner section LDD**

- Angular blind joints do not have the function of air flow
- External dimensions: - L=300 x 300 mm  
- angle 90°

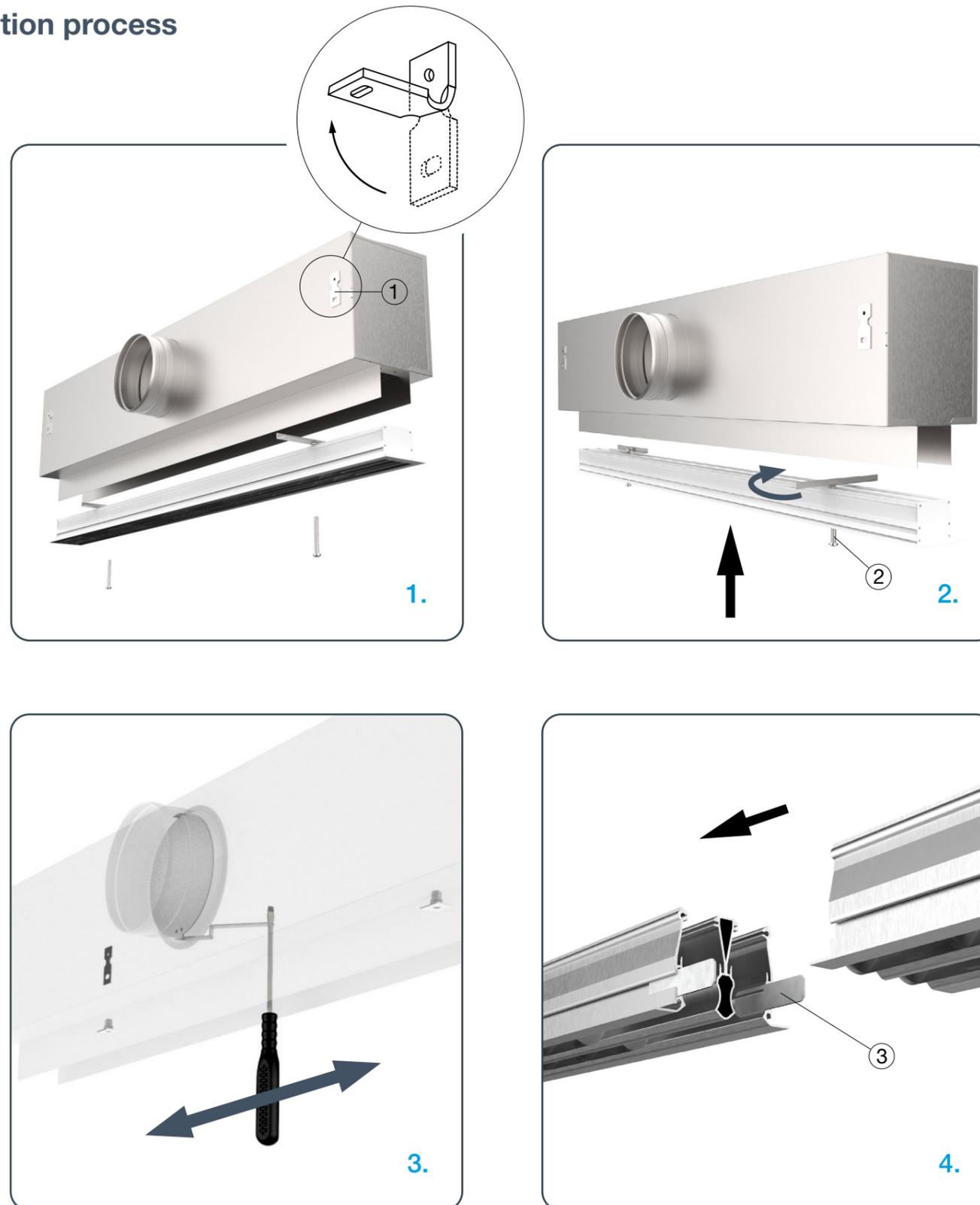
**ORDERING KEY End profile**

(1) Connection seal      (2) Diffuser model      (3) Number of slots      (4) RAL

<b>LDD-A-LN</b>	-	<b>30</b>	-	<b>2</b>	-	<b>RAL</b>
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- (1) **L** - End profile  
**LN** - Narrow end profile  
(2) **30** - LDD30  
**50** - LDD50  
(3) Number of slots (**1, 2, 3, 4**)  
(4) **RAL**

## Installation process LDD

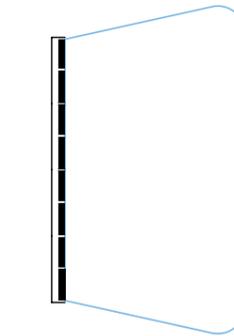
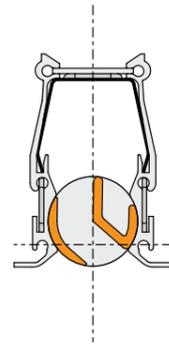


- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
- ▼ LDA Rotate adjustable linear diffuser
- ▼ LDH Flush mounted linear diffuser

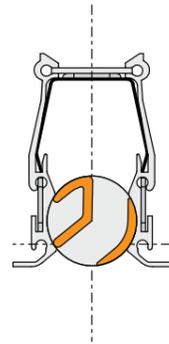


1. Inspect the products before the installation for transport damage and shortcomings. In case of any damage or shortcomings, immediately contact your supplier.  
Locate the four mounts (1) on the sides of PBL-D box and bend them 90°. Suspend the box on the drop rods (8/10 mm) on the wanted height.
2. Install the plenum box flush with the ceiling and suspend it appropriately. Fix the diffuser with screws (2) in the plenum box.
3. To adjust airflow, insert screwdriver into PBL-D box and move RD damper handle left or right.
4. For installation of multiple diffusers in line, alignment pins (3) are provided with the diffuser. Insert a alignment pin (2 each per diffuser) on one side, then connect the next diffuser to it.

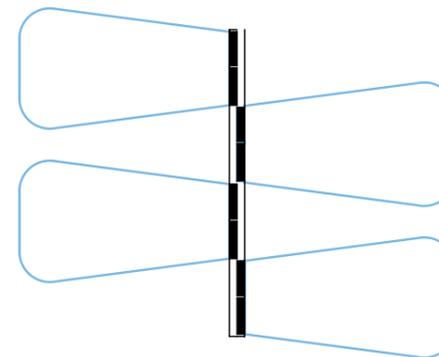
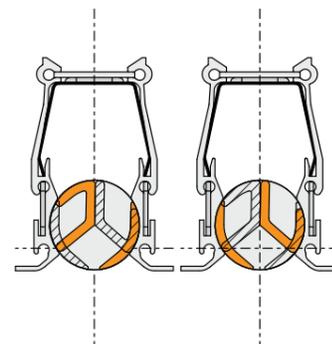
\* Lengths >1500 mm have cross-bar in the middle of the diffuser!



One-way horizontal air discharge to the right



One-way horizontal air discharge to the left



Alternating air control elements (every second element different)

- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
- ▼ LDA Rotate adjustable linear diffuser
- ▼ LDH Flush mounted linear diffuser



PRODUCT CALCULATION SOFTWARE

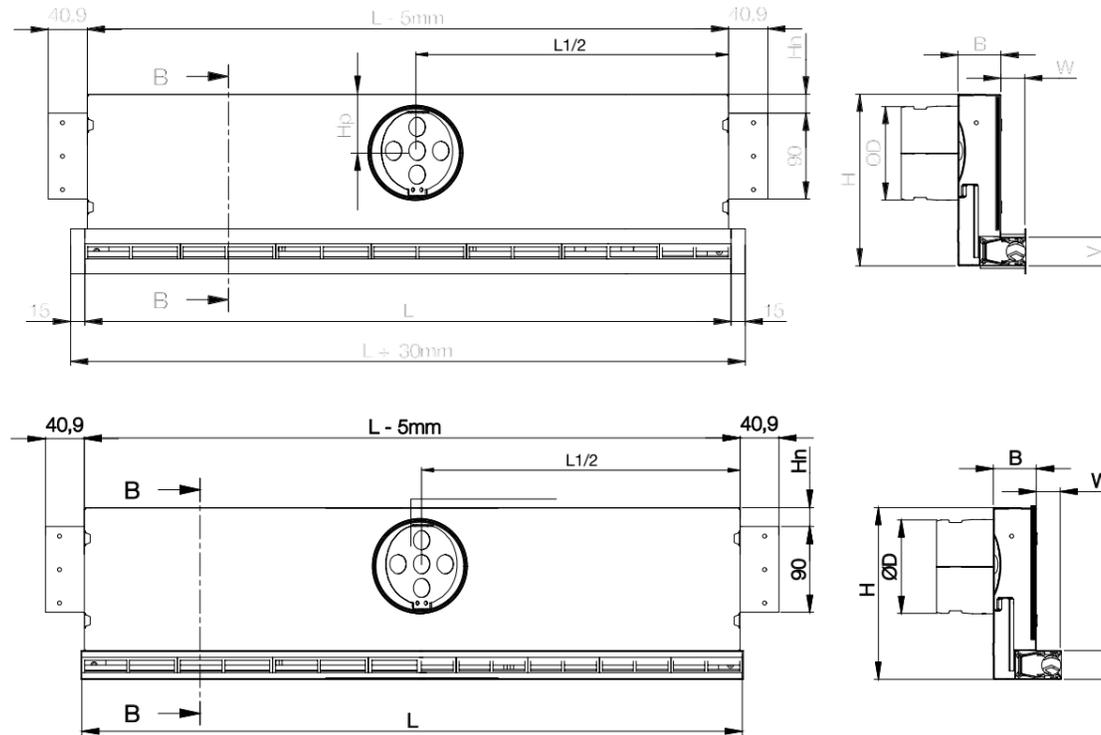


INSTALLATION

### Setting of the discharge patterns

Individual diffusion elements can be manually adjusted according to the needs in the room. Depending on the setting air discharge can be directed with all discharge elements on one side or alternating with discharge on both sides.

When the diffuser is used for a supply air, usual discharge angles are from 0° to 40° respective to the ceiling.



# LDW

Wall linear diffusers with 30 mm discharge element diameter. Discharge elements are individually adjustable, providing flexibility to meet various space requirements. LDW and LDW-N (narrow) are ideal for highly discrete architectural applications, with accessories for easy inline combination of multiple diffusers and plenum boxes, depending on the type, for installation in or behind a wall.

- discharge height of 2.4 - 3.5 m
- Max. temperature difference supply air - room air: connection boxes - 8 K in cooling mode + 6 K in heating mode
- Standard construction made of galvanized sheet steel (other materials on request)

- Connection boxes with side mounting brackets for on-site installation on the wall structure.
- Available with an acoustically optimized perforated metal throttle adjustable at the spigot.
- Optional acoustic Interior lining available
- Standard discharge casing in anodized aluminium, possible in all standard RAL powder coating options for diffusers

- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
- ▼ LDA Rotate adjustable linear diffuser
- ▼ LDH Flush mounted linear diffuser

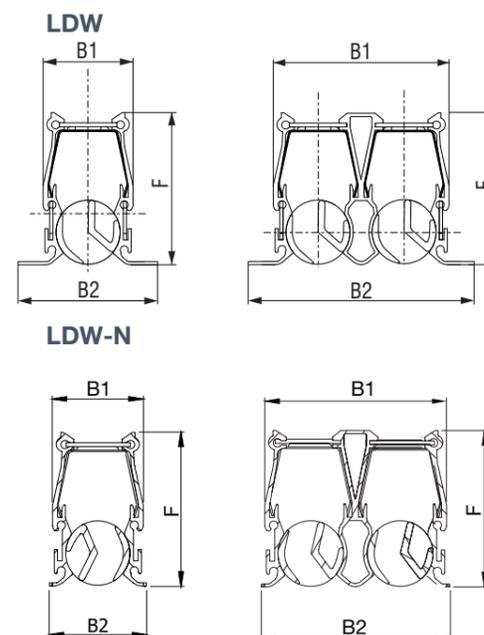


## DIFFUSER \ LDW

## AIR DISTRIBUTION

### DIMENSIONS

Type	No. of slots	A <sub>ef</sub> [m²/m]	L [mm]	V [m³/h]	h [m]	B1 [mm]	B2 [mm]	B [mm]	øD [mm]	Connection diameter	No. of connections	F [mm]	W [mm]
LDW	1	0,00752	525	30	2,7 -4,0	28	30	120	123	125	1	47,5	24
			1050										
	2	0,01504	525	57	2,7 -4,5	55	57	150	158	160	1	47,5	24
			1050										
LDW-N	1	0,00752	525	30	2,7 -4,0	28	30	120	123	125	1	47,5	24
			1050										
	2	0,01504	525	57	2,7 -4,5	55	57	150	158	160	1	47,5	24
			1050										



### ORDERING KEY

(1) Diffuser model (2) Number of slots (3) Diffuser length (4) Discharge element color (5) Plenum box (6) Insulation (7) RAL

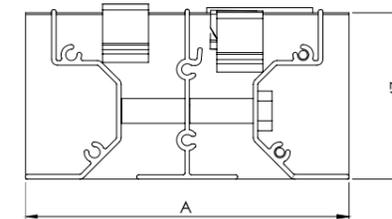
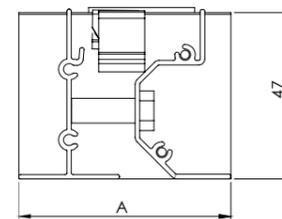
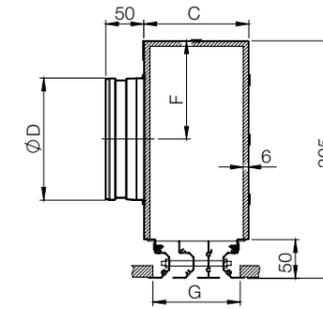
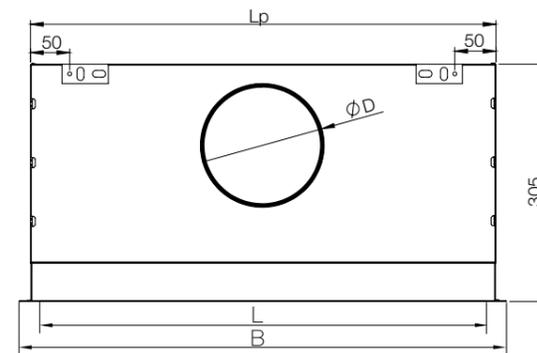
**LDW - 2 - 525 - B - RAL**

(1) LDW, LDW-N (5) PBL-W - Z

(2) 1,2 (6) Internal insulation- Z

(3) Diffusers length: 525  
1050  
1125 (7) RAL

(4) B - black discharge elements  
W - white discharge elements  
G - grey discharge elements



- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
- ▼ LDA Rotate adjustable linear diffuser
- ▼ LDH Flush mounted linear diffuser

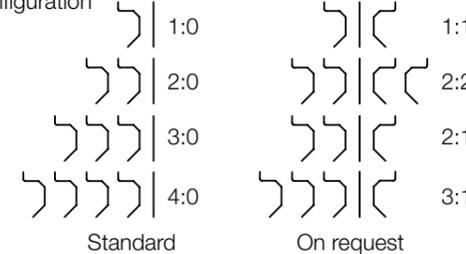


## LDF

Linear diffuser with fixed horizontal air jet.  
Suitable for horizontal supply and variable flow: when the flow is low, the air stream follows the contours of the diffuser (Coanda effect). Usable up to 25% of maximum flow rate.

- Plenum box, galvanized steel
- Version removable plenum (clips), supplied not fitted to diffuser
- Plenum with integrated damper
- Discharge element, anodized aluminium profiles
- Discharge element is powder coated in RAL 9003, possible all standard RAL powder coating options for diffusers

Slot configuration



## DIFFUSER \ LDF

## AIR DISTRIBUTION

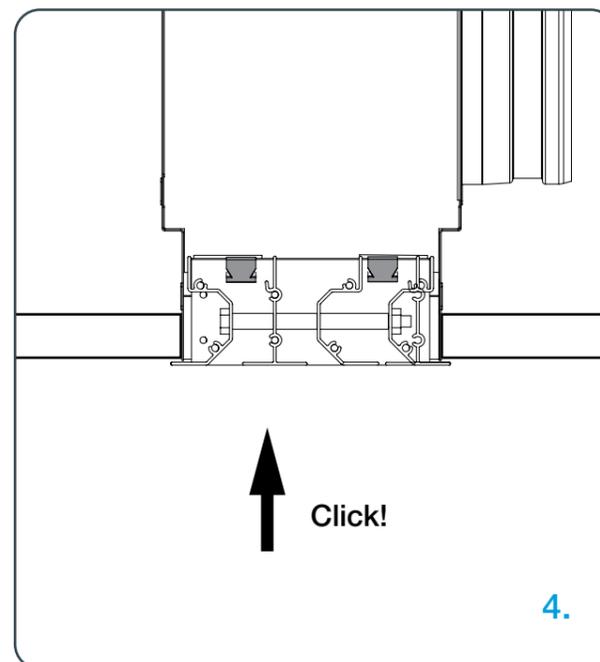
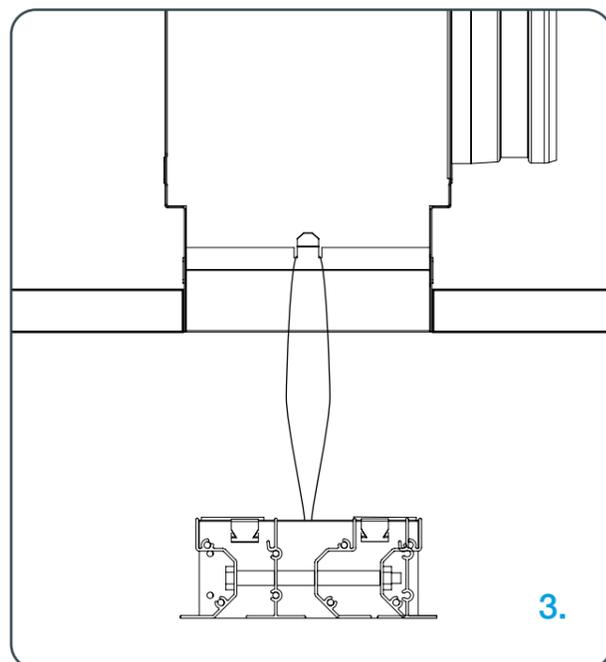
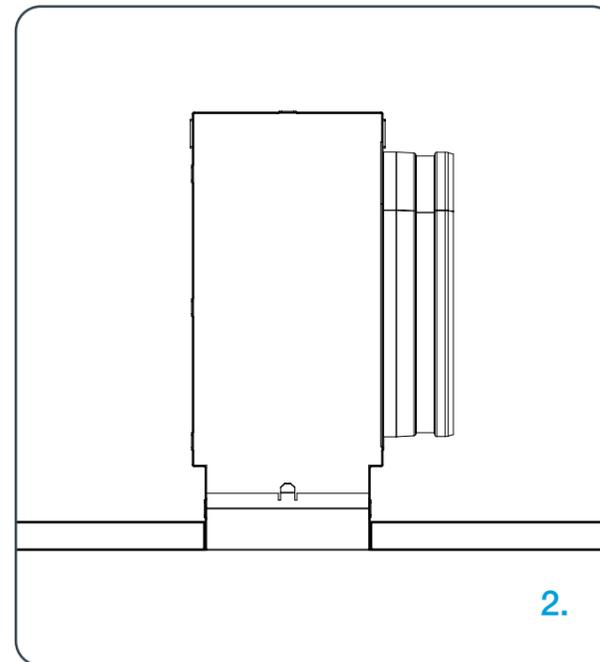
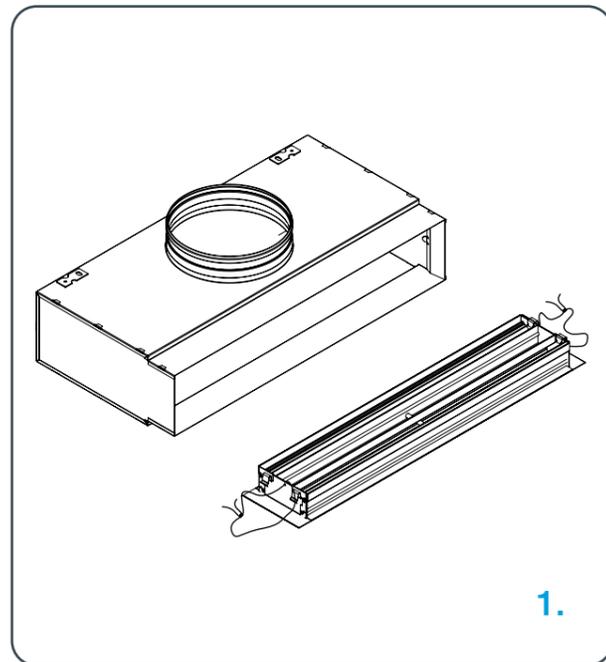
### DIMENSIONS

Type	No. of slots	Slot lay-out	L [mm]	B [mm]	A [mm]	G [mm]	Lp [mm]	C [mm]	No. of spigots	Ø D [mm]	F [mm]
LDF	1	0: 1 ' 1: 0	275	330	60	50	300	79	1	100	77
			575	630			600		1	125	89,5
			875	930			900		1	160	107
			1175	1230			1200		1	200	127
	2	0: 2 - 2: 0	275	330	91,5	81,5	300	99	1	125	89,5
			575	630			600		1	200	127
			875	930			900		1	200	127
			1175	1230			1200		2	200	127
	3	1: 1	275	330	123	113	300	105	1	125	89,5
			575	630			600		1	200	127
			875	930			900		1	200	127
			1175	1230			1200		2	200	127
	4	0: 3 - 3: 0	275	330	154,5	144,5	300	131	1	160	107
			575	630			600		1	200	127
			875	930			900		2	200	127
			1175	1230			1200		2	200	127
	4	1: 2 - 2: 1	275	330	154,5	144,5	300	137	1	160	107
			575	630			600		1	200	127
			875	930			900		2	200	127
			1175	1230			1200		2	200	127
4	3: 1 - 1: 3 - 2: 2	275	330	154,5	144,5	300	169	1	200	127	
		575	630			600		2	200	127	
		875	930			900		2	200	127	
		1175	1230			1200		2	200	127	
4	0: 4 - 4: 0	275	330	154,5	144,5	300	163	1	200	127	
		575	630			600		2	200	127	
		875	930			900		2	200	127	
		1175	1230			1200		2	200	127	

### ORDERING KEY

(1) Diffuser model	(2) Number of slots	(3) Diffuser length	(4) Plenum box	(5) Insulation	(6) RAL
LDF	2	1175	-	-	RAL
(1) LDF			PBL-F	Z	
(2) 1 (1:0)			(4) PBL-F		
2 (2:0, 1:1)			(5) Internal insulation- Z		
3 (3:0, 2:1)			(6) RAL		
4 (4:0, 3:1, 2:2)					
(3) Diffusers length:	275				
	575				
	875				
	1175				

## Installation process LDF

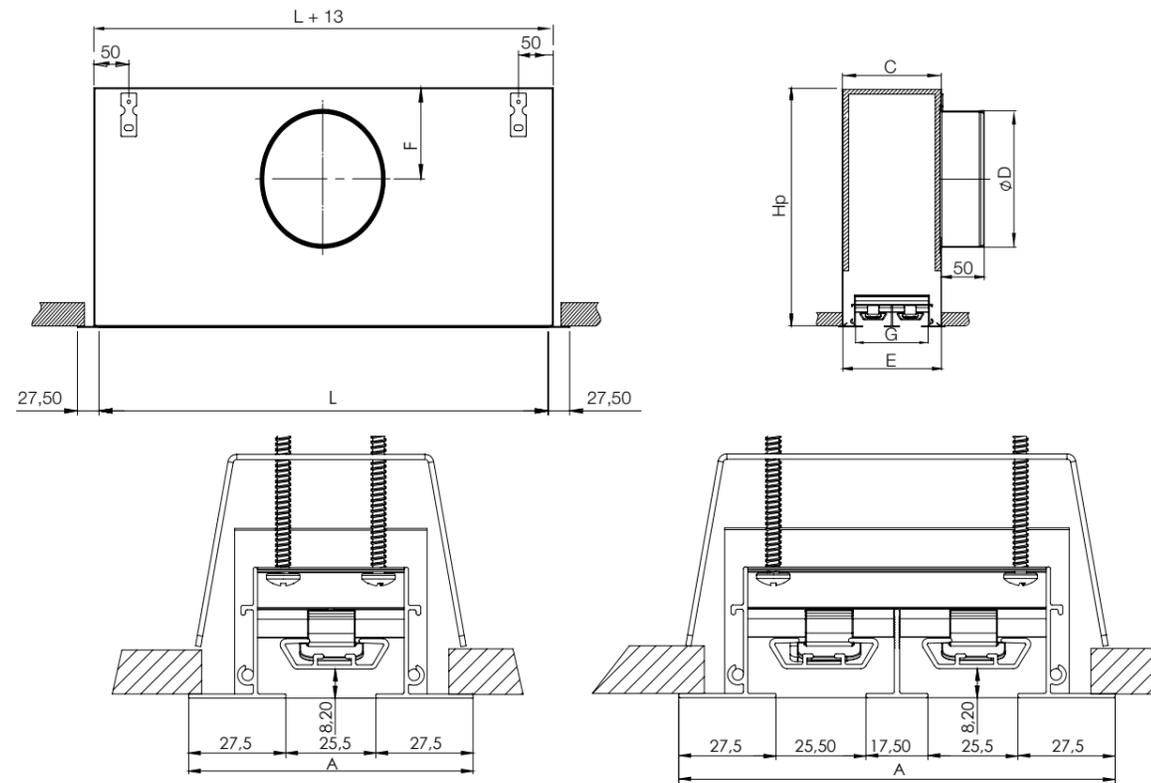


- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
- ▼ LDA Rotate adjustable linear diffuser
- ▼ LDH Flush mounted linear diffuser



### LDF DIFFUSER

1. Inspect the products before the installation for transport damage and shortcomings. In case of any damage or shortcomings, immediately contact your supplier.
2. Install the plenum box flush with the ceiling and suspend it appropriately
3. Secure the diffuser to the plenum box using the strings provided with the diffuser
4. Gently push the diffuser in the plenum box until you hear the "click" sound that the diffuser is set properly in the plenum box.



# LDM

Specially designed for ceiling installation, the diffusers allow direction of the air jet over 180° (horizontal or vertical supply). Small change in pressure drop with change in the direction of the air jet.

- Attractive appearance: slots concealed by the deflectors
- Can be used for high airflows
- Plenum box,galvanized steel
- Discharge element is powder coated in RAL 9003, possible all standard RAL powder coating options for diffusers
- Number of slots: 1 to 6
- Option to assemble several units to make an attractive linear strip (max.: 20 m)
- Angled pieces for creating corners

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PRODUCT CALCULATION SOFTWARE

## DIFFUSER \ LDM

## AIR DISTRIBUTION

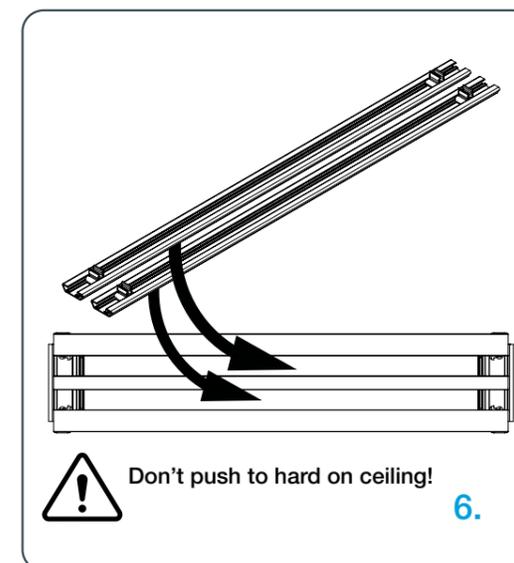
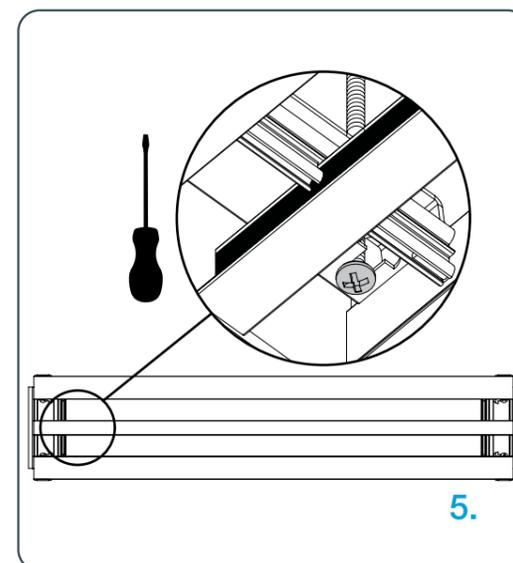
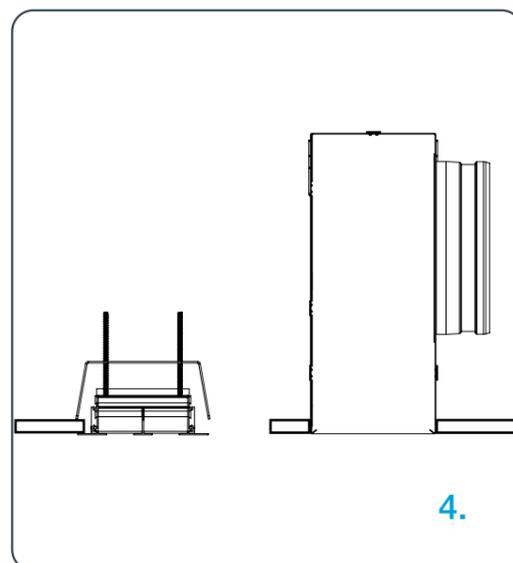
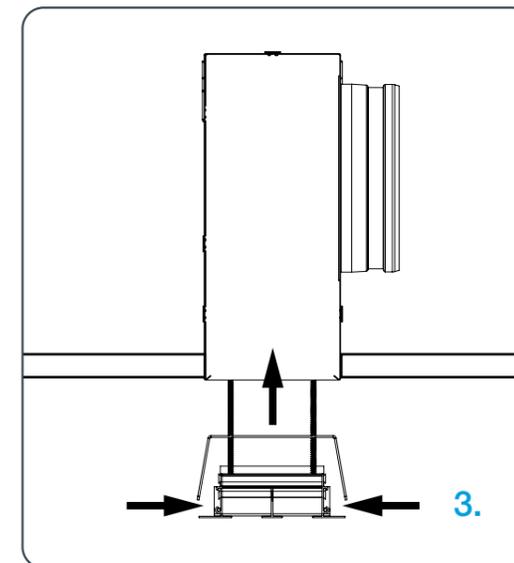
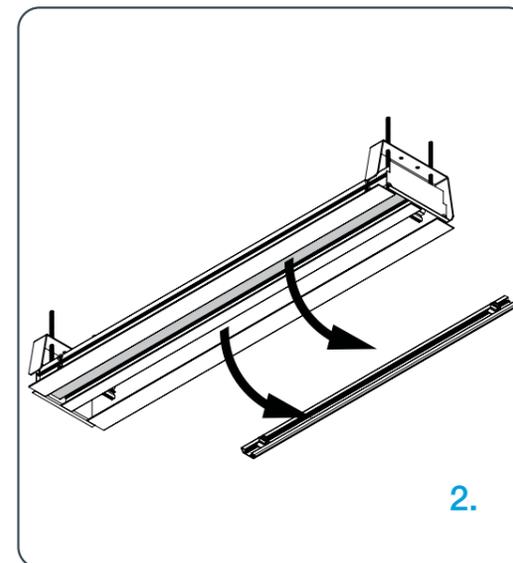
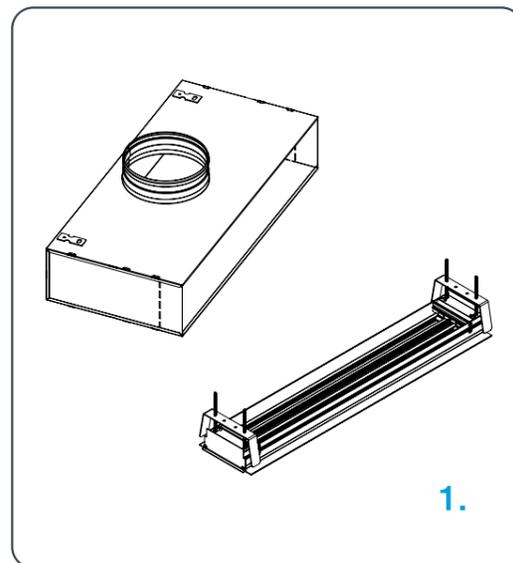
### DIMENSIONS

Type	No. of slots	L [mm]	E [mm]	G [mm]	Hp [mm]	C [mm]	F [mm]	A [mm]	No. of spigots	
LDM	1	575	80	73	225	70	87	80,5	1 x Ø 123	
		875							1 x Ø 123	
		1175							2 x Ø 123	
	2	1475	123	116	275	113	105	123,50	2 x Ø 123	
		575							1 x Ø 158	
		875							1 x Ø 158	
	3	1175	166	159	325	156	125	166,50	2 x Ø 158	
		1475							2 x Ø 158	
		575							1 x Ø 198	
	4	875	209	202	325	199	125	209,50	1 x Ø 198	
		1175							2 x Ø 198	
		1475							2 x Ø 198	
	5	575	252	243	375	242	150	252,50	1 x Ø 198	
		875							1 x Ø 248	
		1175							2 x Ø 248	
	6	1475	295	288	375	285	150	295,50	2 x Ø 248	
		575							1 x Ø 248	
		875							1 x Ø 248	
			1175						2 x Ø 248	
			1475							2 x Ø 248

### ORDERING KEY

(1) Diffuser model	(2) Number of slots	(3) Diffuser length	(4) Plenum box	(5) Insulation	(6) RAL
LDM	2	1175			RAL
(1) LDM			PBL-M	Z	
(2) 1/2/3/4/5/6			(4) PBL-M		
(3) Diffusers length: 575 875 1175 1475			(5) Internal insulation- Z		
			(6) RAL		

## Installation process LDM

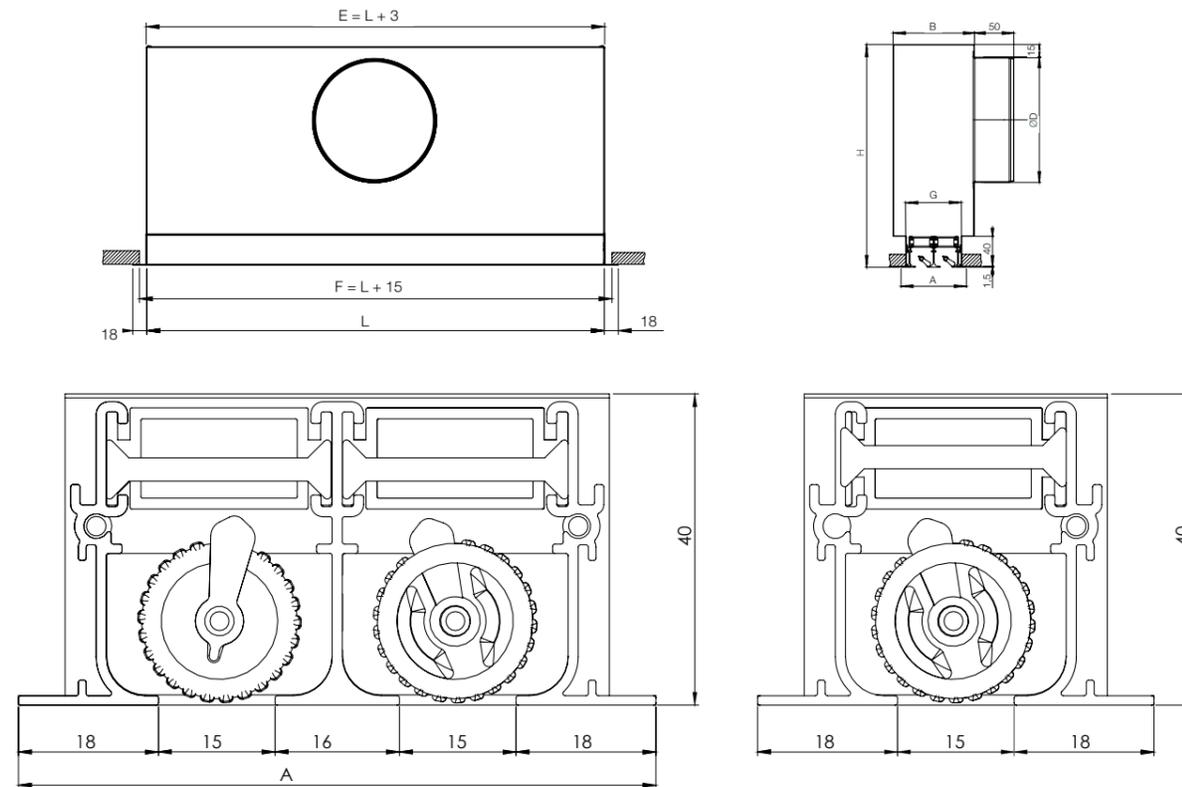


- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
- ▼ LDA Rotate adjustable linear diffuser
- ▼ LDH Flush mounted linear diffuser



### LDM DIFFUSER

1. Inspect the products before the installation for transport damage and shortcomings. In case of any damage or shortcomings, immediately contact your supplier.
2. Take out the deflectors from the diffuser
3. In case of diffuser installation without a plenum box, adjust the clips to the thickness dimension of the ceiling boards.
4. Tighten the diffuser to the ceiling or the plenum box with the screwdriver
5. Reinstall back the deflectors by attaching them to the appropriate pins in diffuser



# LDA

Linear diffuser with thin slots, horizontal or vertical airflow. Specially designed for ceiling installation. LDA airflow can be adjusted manually by rotating the directable deflector. Casing, frame and directable deflectors are made of aluminium

- Number of slots: 1 to 4
- 6 slot lengths as standard: 585, 885, 1000, 1185, 1485 and 1785 mm
- Deflector direction can be adjusted by thumb-wheel
- Plenum box,galvanized steel
- Discharge element is powder coted in RAL 9003, possible all standard RAL powder coating options for diffusers

- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
- ▼ LDA Rotate adjustable linear diffuser
- ▼ LDH Flush mounted linear diffuser



## DIFFUSER \ LDA

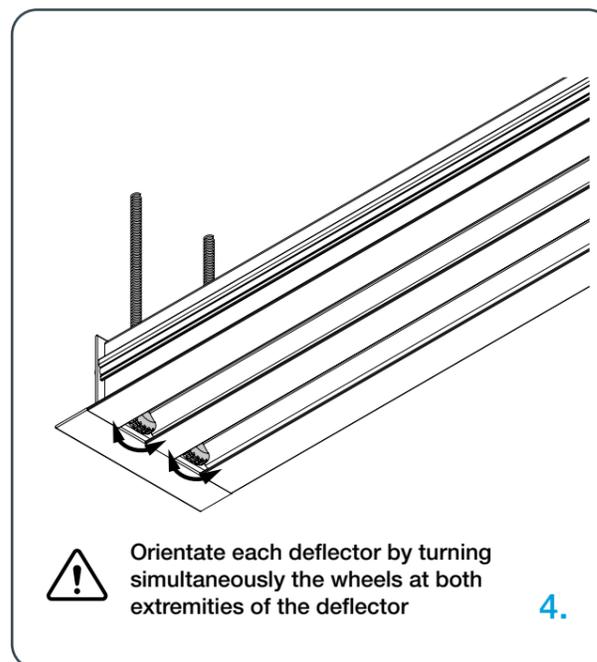
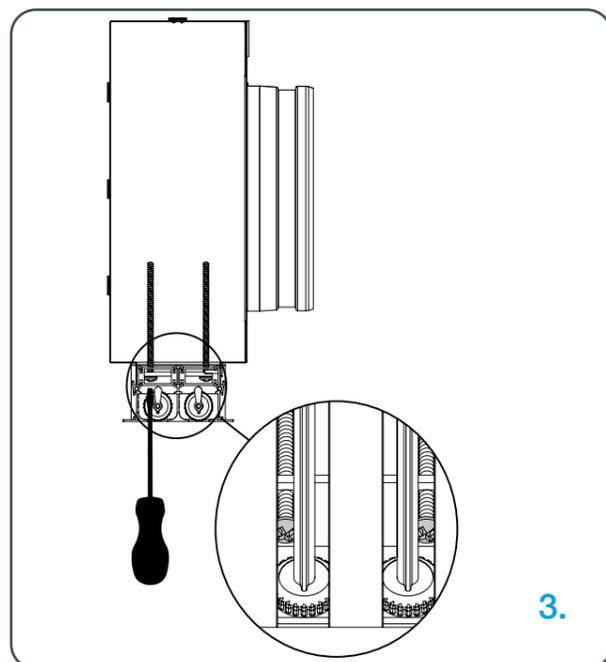
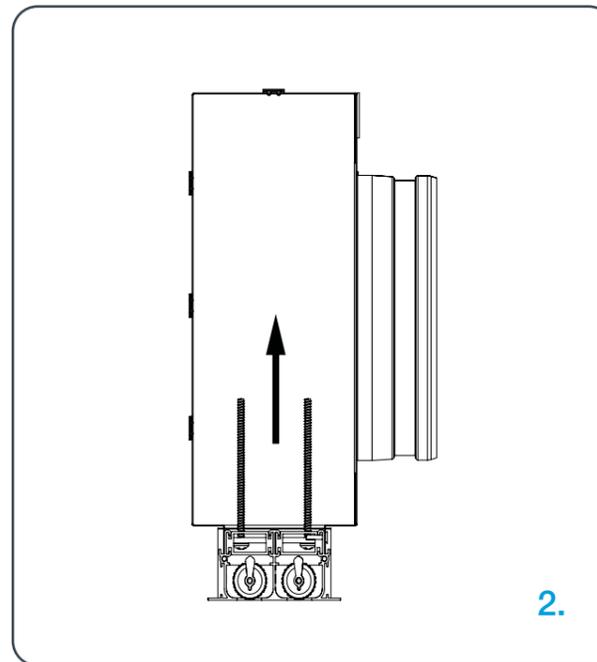
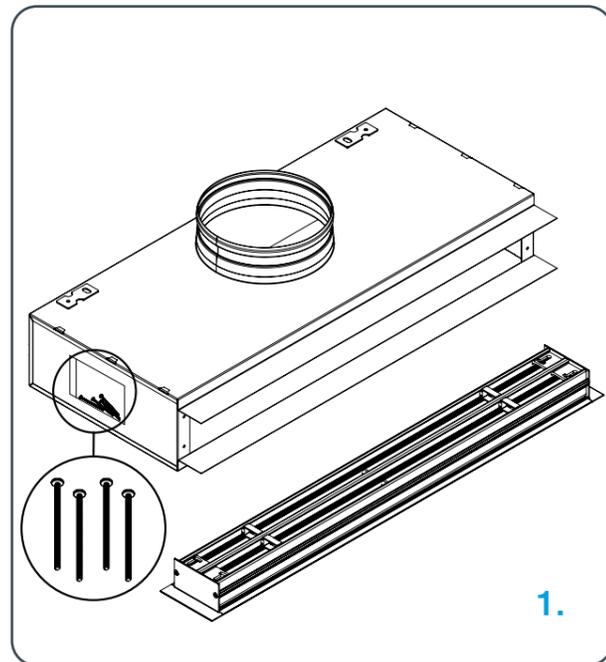
## AIR DISTRIBUTION

DIMENSIONS	Type	No. of slots	L [mm]	V [m³/h]	H [mm]	B [mm]	G [mm]	A [mm]	No. of spigots
LDA	1		585	40 - 300	240	72	43	51	1 x Ø 123
			885						1 x Ø 123
			1 000						1 x Ø 123
			1 185						1 x Ø 158
			1 485						2 x Ø 123
			1 785						2 x Ø 123
	2		585	40 - 400	280	102	74	82	1 x Ø 158
			885						1 x Ø 158
			1 000						1 x Ø 158
			1 185						1 x Ø 198
			1 485						2 x Ø 158
			1 785						2 x Ø 158
	3		585	50 - 600	325	132	105	113	1 x Ø 158
			885						1 x Ø 198
			1 000						1 x Ø 198
			1 185						1 x Ø 198
			1 485						2 x Ø 158
			1 785						2 x Ø 158
	4		585	50 - 800	325	162	136	144	1 x Ø 198
			885						1 x Ø 198
1 000			1 x Ø 198						
1 185			1 x Ø 198						
1 485			2 x Ø 158						
1 785			2 x Ø 198						

### ORDERING KEY

(1) Diffuser model	(2) Number of slots	(3) Diffuser length	(4) Plenum box	(5) Insulation	(6) RAL
LDA	- 2	- 1000	-	-	- RAL
(1) LDA			PBL-A	- Z	
(2) 1/2/3/4			(4) PBL-A		
(3) Diffusers length:	585 885 1000 1185 1485 1785		(5) Internal insulation- Z		
			(6) RAL		

## Installation process LDA

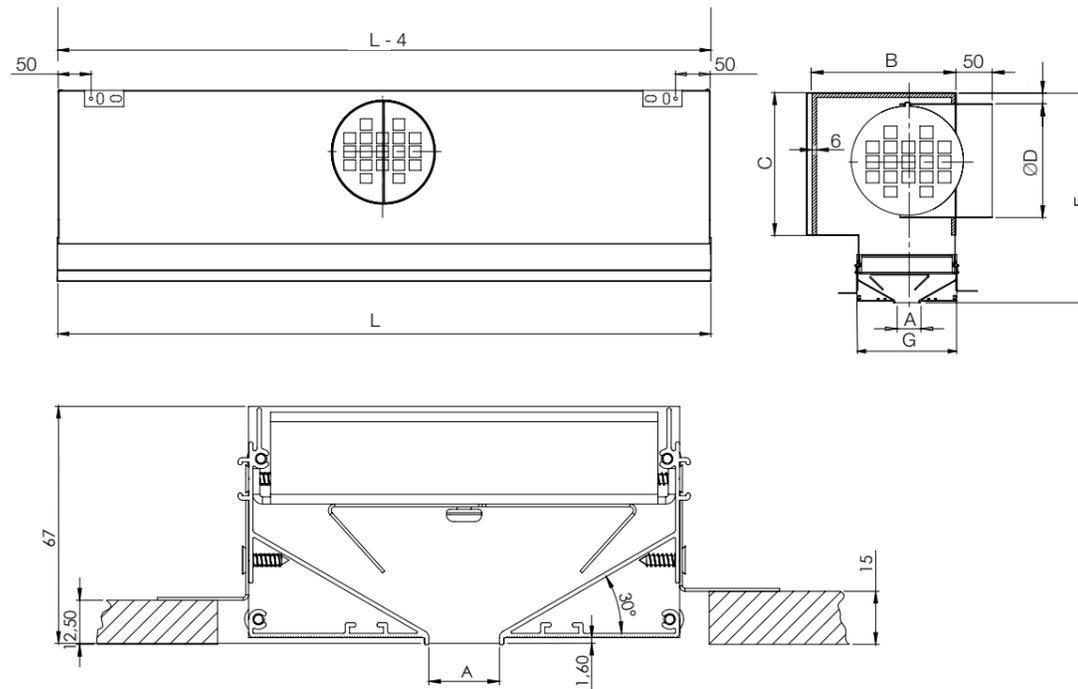


- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
- ▼ LDA Rotate adjustable linear diffuser
- ▼ LDH Flush mounted linear diffuser



## LDA DIFFUSER

1. Inspect the products before the installation for transport damage and shortcomings. In case of any damage or shortcomings, immediately contact your supplier. Find the screws delivered with the product on the side of the plenum box.
2. Install the diffuser in the plenum box
3. Tighten the diffuser with the screwdriver
4. Adjust the deflectors by turning the wheels at the corners of the deflectors



# LDH

Linear diffuser for plaster-in installation. LDH airflow can be adjusted manually by rotating the directable deflector. Ideal for reception areas in hotels. Casing and frame are made off steel and standard product is not powder coated because its installation is not visible.

- Ceiling diffuser for room heights to 4 m

- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
- ▼ LDA Rotate adjustable linear diffuser
- ▼ LDH Flush mounted linear diffuser



## DIFFUSER \ LDH

## AIR DISTRIBUTION

### DIMENSIONS

Type	Diffuser			Plenum				øD [mm]
	L [mm]	A [mm]	G [mm]	B [mm]	C [mm]	F [mm]		
LDH	500						1 x Ø 158	
	800						1 x Ø 198	
	1000	33	135	202	198	292	1 x Ø 158	
	500						1 x Ø 198	
	800						1 x Ø 158	
	1000	40	142	209	238	332	1 x Ø 198	
	500						1 x Ø 158	
	800						1 x Ø 198	
	1000						1 x Ø 158	
	1000						1 x Ø 198	

### ORDERING KEY

(1) Diffuser model (2) Slots widths (3) Diffuser length (4) Spigot diameter (5) Insulation (6) RAL

**LDH - 33 - 1000 - 160 - Z - RAL**

- (1) LDH (4) Spigot diameter: 160  
200
- (2) Slots widths: 33  
40 (5) Internal insulation - Z
- (3) Diffusers length: 500  
800  
1000 (6) RAL (optional)

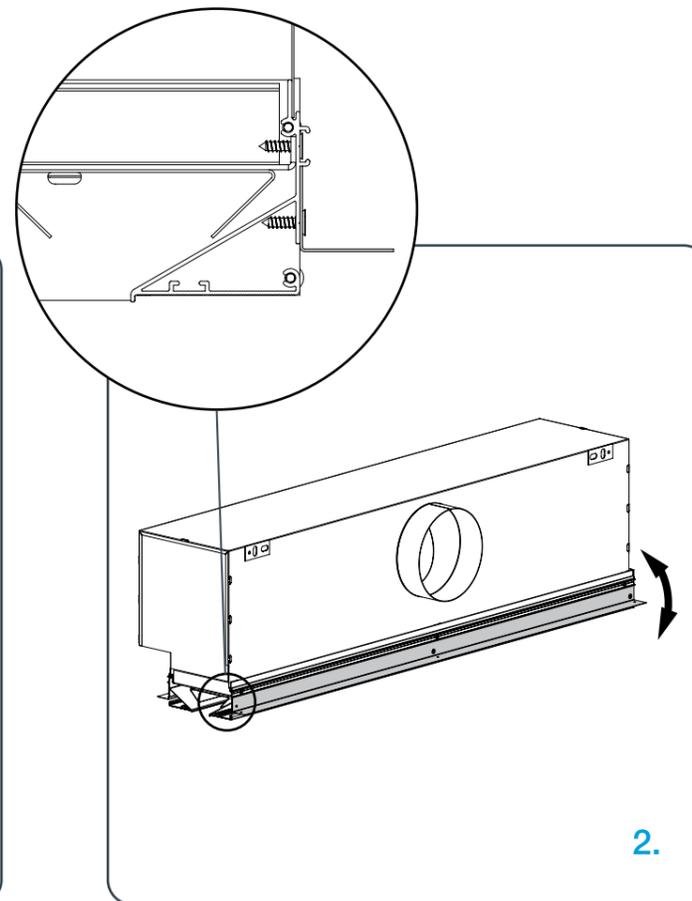
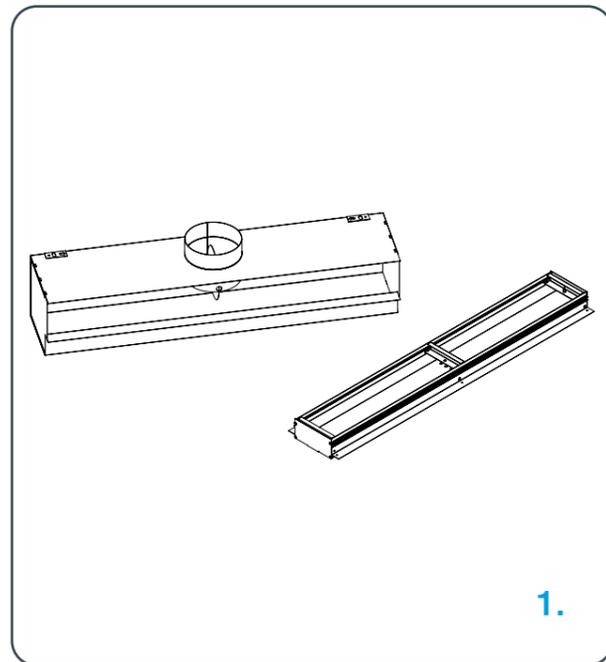
### ORDERING KEY LINEAR CONNECTION KIT

(1) Connection kit

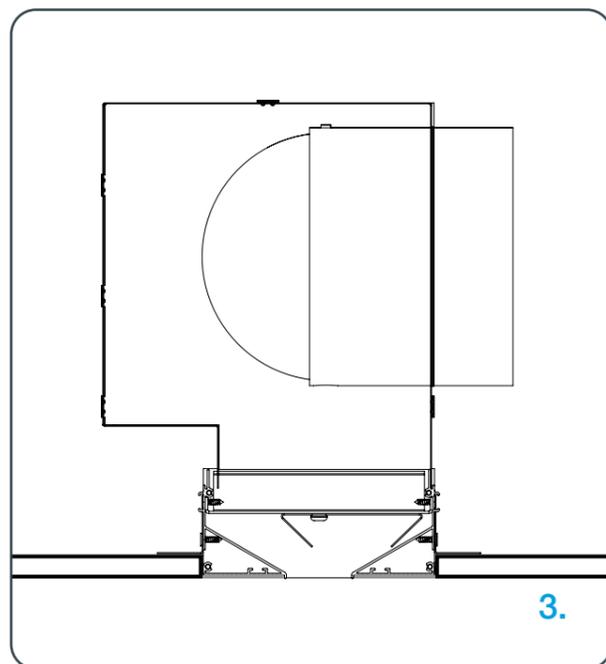
**LDH-A - 33 - CK**

Slots widths: 33  
40

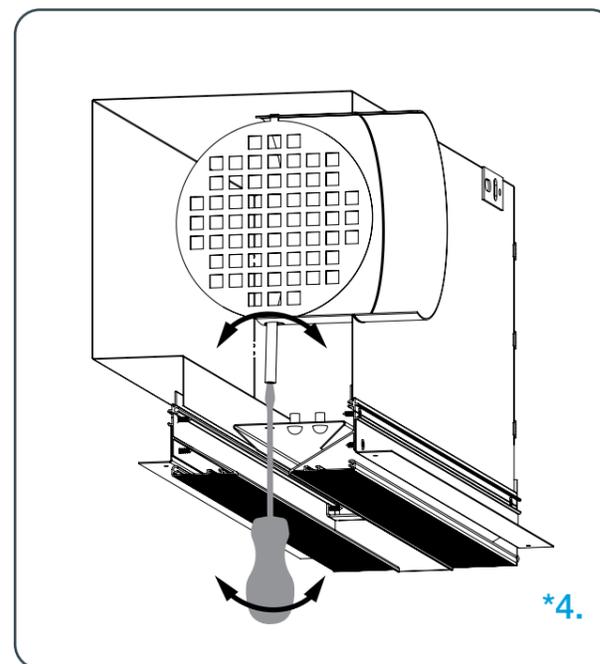
## Installation process LDH



Turn the mounting profile according to the type of gypsum board (12,5 mm / 15 mm)!



Place on ceiling and close with plaster mesh!



\*Rotation directable deflector!



- ▼ LDD Linear drum diffuser
- ▼ LDF Fixed linear diffuser
- ▼ LDM Slide adjustable linear diffuser
- ▼ LDA Rotate adjustable linear diffuser
- ▼ LDH Flush mounted linear diffuser



### LDH DIFFUSER

1. Inspect the products before the installation for transport damage and shortcomings. In case of any damage or shortcomings, immediately contact your supplier. Find the screws delivered with the product on the side of the plenum box.
2. Install the diffuser in the plenum box
3. Place the diffuser and plenum on the ceiling and close the installation with plaster mesh.
4. Adjust the airflow volume by turning the regulating damper inside the plenum box with a screwdriver

\* For installation of multiple diffusers in line, alignment pins, end plate and rubber insulation are provided with the diffuser. Insert an alignment pin (2 each per diffuser) on one side, install self-adhesive rubber pad on plenum box, insert plate and then connect the next diffuser to it.



## AIR DISTRIBUTION

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Images are for informational purposes only and may differ from the actual product.  
Follow the latest versions of the catalog on the website.

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