SCHAEFER

EXCLUSIVE LIFT INDICATORS

- Real Glass
- Non-flammable
- Exchangeable illuminat
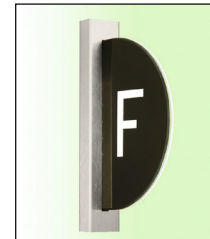
⌐┘ UNIQUE

Content
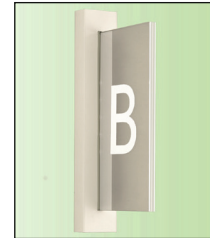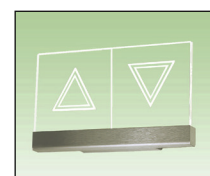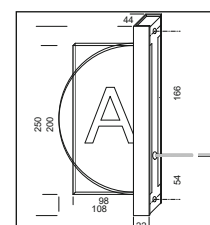
GlassLine Lift Identifier 90 Degrees - Mirrow Glass

Exclusive indicator series consisting of two laminated mirror glass panes with light separating foil and engraved characters on both insides illuminated with high-efficiency LEDs of the latest technology.

Light colours:

| White | Emerald green | Red | Blue | Amber |

All indicators have a white standby light with only 1.2W and a second light colour of your choice. Hereby, the reflecting surface of the character is illuminated. Together with the discreetly shining glass edge the indicator ensures an appealing contrast to the surroundings.
Optionally, the selected coloured light can also be used as standby light or to indicate the arrival / standby position of the lift in a stop. For lifts with destination control, the coloured light can be used to indicate the allocated lift. When the coloured light is turned on, the white light switched off automatically during this operation time.

Model Variants

GL120v-L-90-Mirrow
46 x 250 mm

GL120v-L-90-Mirrow-X40
Front plate, stainless steel:
100 x 310 mm with wall box or
100 (90) x 310 mm with box for
panel fixing

GL128hrv-L-90-Mirrow
46 x 250 mm

GL128hrv-L-90-Mirrow-X40
Front plate, stainless steel:
100 x 310 mm with wall box or
100 (90) x 310 mm with box for
panel fixing

optional with integrated Gong

Alternative: incorporated in
flush mount fixture

Features
· **Laminated glass with high scratch-resistance**
· **Exchangeable illuminant**
· **Surface mount or flush mount**
· **Non-flammable**

Norm compliance
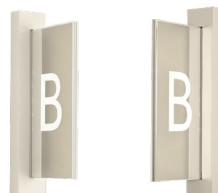
EN 81-20 EN 81-70

Facing:
· stainless steel
  fine brushed
· optional white

right view   left view

GlassLine Lift Identifier 90 Degrees - Black

Exclusive indicator series consisting of two laminated black toned glass panes with engraved characters on both insides illuminated with high-efficiency LEDs of the latest technology.

Light colours:

White   Emerald green

All indicators have a white standby light with only 1.2W and a second green light colour. Hereby, the reflecting surface of the character is illuminated. Together with the discreetly shining glass edge the indicator ensures an appealing contrast to the surroundings. Optionally, the selected coloured light can also be used as standby light or to indicate the arrival / standby position of the lift in a stop. For lifts with destination control, the coloured light can be used to indicate the allocated lift. When the coloured light is turned on, the white light switched off automatically during this operation time.

Model Variants

GL128hrv-L-90-Black
46 x 250 mm

GL128hrv-L-90-Black-X40
Front plate, stainless steel:
100 x 310 mm with wall box or
100 (90) x 310 mm with box for
panel fixing

optional with integrated Gong

Alternative: incorporated in
flush mount fixture

Features
- **Laminated glass with high scratch-resistance**
- **Exchangeable illuminant**
- **Surface mount or flush mount**
- **Non-flammable**

Facing:

- stainless steel
  fine brushed

- optional white

Norm compliance

EN 81-20   EN 81-70

right view   left view

GlassLine Lift Identifier 90 Degrees - Transparent

Exclusive indicators consisting of premium glass with characters illuminated by highly efficient LEDs of the latest technology. The panes are fitted in a fine brushed stainless steel bracket.

Light colours:

White

Emerald green

All indicators have a white standby light with only 1.2W and a second green light colour. Hereby, the reflecting surface of the character is illuminated. Together with the discreetly shining glass edge the indicator ensures an appealing contrast to the surroundings. Optionally, the selected coloured light can also be used as standby light or to indicate the arrival / standby position of the lift in a stop. For lifts with destination control, the coloured light can be used to indicate the allocated lift. When the coloured light is turned on, the white light switched off automatically during this operation time.

Example with activated white LED light

optional with integrated Gong

Model Variants

GL120v-L-90
46 x 250 mm

GL120v-L-90-X40
Front plate, stainless steel:
100 x 310 mm with wall box or
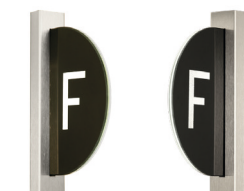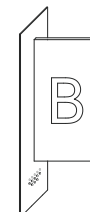100 (90) x 310 mm with box for
panel fixing

GL128hrv-L-90
46 x 250 mm

GL128hrv-L-90-X40
Front plate, stainless steel:
100 x 310 mm with wall box or
100 (90) x 310 mm with box for
panel fixing

Features
· **Premium glass with high scratch-resistance**
· **Exchangeable illuminant**
· **Surface mount or flush mount**
· **Non-flammable**

Facing:

· stainless steel
  fine brushed

· optional white

Norm compliance

EN 81-20   EN 81-70

GlassLine Lift Identifier - Transparent

Exclusive indicators consisting of premium glass with characters that are illuminated by highly efficient LEDs of the latest technology. The panes are fitted in a fine brushed stainless steel bracket.

Light colours:

| GL160h-L | White | Emerald green | Red | Amber | Blue |
| GL160h-2L | | | | | |

| GL200h-L (transparent) | White | Emerald green |

All indicators have a white standby light with only 1.2W/character and a second light colour of your choice. Hereby, the reflecting surface of the character is illuminated. Together with the discreetly shining glass edge the indicator ensures an appealing contrast to the surroundings.
Optionally, the selected coloured light can also be used as standby light or to indicate the arrival / standby position of the lift in a stop. For lifts with destination control, the coloured light can be used to indicate the allocated lift. When the coloured light is turned on, the white light switched off automatically during this operation time.
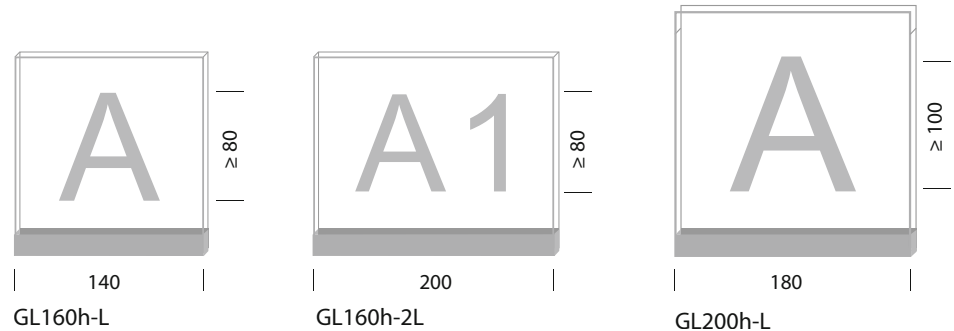
Features
· **Premium glass with high**
  scratch-resistant on the front
· **Exchangeable illuminant**
· **Surface mount**
· **Non-flammable**

optional with Gong
The gong speaker is invisibly integrated in the wall holder.

Example with activated white LED light

Norm compliance

EN 81–20   EN 81–70

≥ 80
140
GL160h-L

≥ 80
200
GL160h-2L

≥ 100
180
GL200h-L

GlassLine Direction Arrows / Blade Hall Lantern 90°

Exclusive indicators consisting of premium glass with engraved arrows that are illuminated by highly efficient LEDs of the latest technology.

Light colours:

| White | Emerald green | Red | Amber | Blue |

All indicators have a white LED light with only 1.2W and a second light colour of your choice.
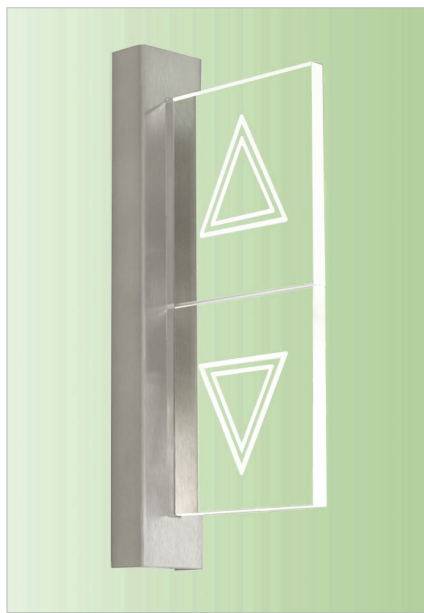Operating modes:
Arrows up and down with white light
Arrows up and down with coloured light
Arrows up and down with coloured light and white standby light

If the direction arrow is indicated with coloured LED light, the white LED light can optionally be switched on in standby mode. The white backlight spreads a pleasant, discreet orientation light in the entrance halls and building floors. When the coloured light of an arrow is turned on, the white light of this arrow switched off automatically during this operation time.

Features
- **Premium glass with high scratch-resistance**
- **Exchangeable illuminant**
- **Surface mount or flush mount**
- **Non-flammable**

GlassLine GL120v-P-90
46 x 250 mm

Example with activated white LED light

optional with Gong
The gong speaker is invisibly integrated in the wall holder.

Example with activated LED light green + red

GL120v-P-90-X40

Norm compliance

EN 81-20 EN 81-70
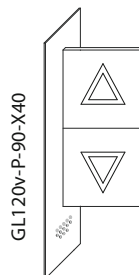
Optional: flush mount
with finely ground stainless steel front plate:
100 x 310 mm with wall box or
100 (90) x 310 mm with box for panel fixing

Facing:
- stainless steel fine brushed
- optional white

GlassLine Direction Arrows / Blade Hall Lantern, horizontal

Exclusive indicators are made from premium glass with arrows that are illuminated by highly efficient LEDs of the latest technology. The panes are fitted in a fine brushed stainless steel bracket.

Light colours:

White   Emerald green   Red   Amber   Blue

All indicators have a white LED light with only 1.2W and a second light colour of your choice.
Operating modes:
Arrows up and down with white light
Arrows up and down with coloured light
Arrows up and down with coloured light and white standby light

If the direction arrow is indicated with coloured LED light, the white LED light can optionally be switched on in standby mode. The white backlight spreads a pleasant, discreet orientation light in the entrance halls and building floors. When the coloured light of an arrow is turned on, the white light of this arrow switched off automatically during this operation time.
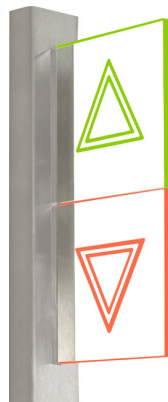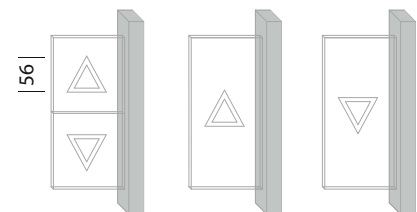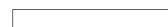
Features
· **Premium glass with high**
  scratch-resistance on the front
· **Exchangeable illuminant**
· **Surface mount or flush mount**
· **Non-flammable**

optional with Gong
The gong speaker is invisibly
integrated in the wall holder.
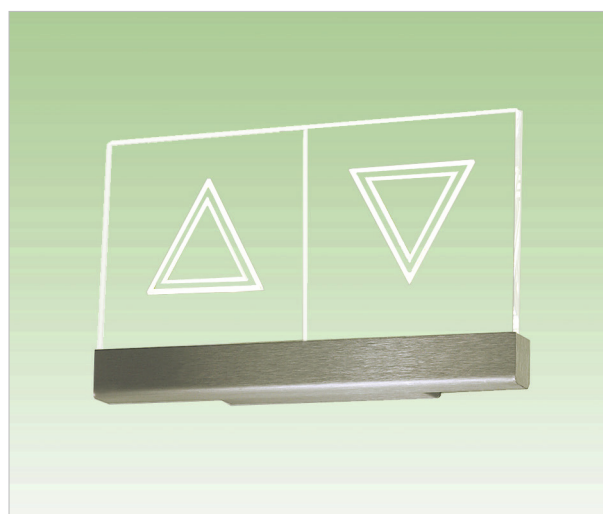
Example with activated white LED light

GL120h-P-up/dwn   GL120h-P-up   GL120h-P-dwn

Norm compliance

EN 81-20   EN 81-70

GlassLine Technical data
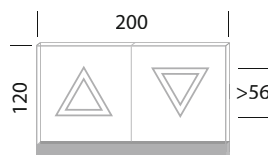
Minimum
mounting height

Observe also the
local regulations

GL120v-L-90...
GL120v-P-90...

GL128hrv-L-90...
GL128hrv-P-90...

min.
2,1m

min.
2,0m

Supply voltage:	20-28V DC
Current:	≤ 50mA / arrow or character
	(Amber ≤ 58mA/arrow or character)
Power:	1.2W (1.4W Amber)/arrow o. character at 24V
Control:	common anode or cathode
Protection class:	IP20

RoHs   III

GL120v-L-90-... X40 and GL128hrv-L-90-... X40

Lift Identifier		Terminals	
1	colour LED	2-pole	0,14... 2.5mm²
2	white LED	4-pole	26... 14 AWG
3	common LED	4-pole	

Optional Gong		Terminals	
1	+	2-pole	0,14... 1.5mm²
2	0V	2-pole	26... 16 AWG
3	1-ton	2-pole	
4	2-ton	2-pole	
5	3-ton	2-pole	

200

optional

GL120v-P-90-X40 and GL128hrv-P-90-X40

Arrow Indicator		Terminals	
1	colour LED	2-pole	0,14... 1.5mm²
2	white LED	2-pole	26... 16 AWG
3	common LED	2-pole	
4	colour LED	2-pole	
5	white LED	2-pole	

Optional Gong		Terminals	
1	+	2-pole	0,14... 1.5mm²
2	0V	2-pole	26... 16 AWG
3	1-tone	2-pole	
4	2-tone	2-pole	
5	3-tone	2-pole	

200

optional

Function table   ● = Signal on

Input colour LED	Input white LED	Function	Operation Current ≤ 50mA/character or arrow (Amber LEDs ≤ 58mA)
		LEDs off	——
	●	white LEDs on (optional usable as background light)	via input „white LED"
●		colour LEDs on	via input „colour LED"
●	●	colour LEDs on, white LED off	current flows only via input „colour LED"

optional with integrated Gong
***No control device
required in the lift shaft***

46

166

250
200

54

wall hole
Ø 12 mm

2 m

GL120v-L-90 and GL128hrv-L-90
also for mirrow and black glass
Fixed Installated line: LiYY 0,34mm²

1	colour LED
2	white LED
3	common LED

Optional:
4 Gong 0 V
5 Gong + V
6 Gong 1-tone (pre-adjusted)
7 Gong 2-tone (pre-adjusted)

Wire colour on request

Fixing parts for concrete walls and
sheet panels included in the delivery.
Required pre-drilling:
in 1.5mm sheet panel: Ø 4.0 mm
in 2.0mm sheet panel: Ø 4.2 mm

Prozessorgong PG37

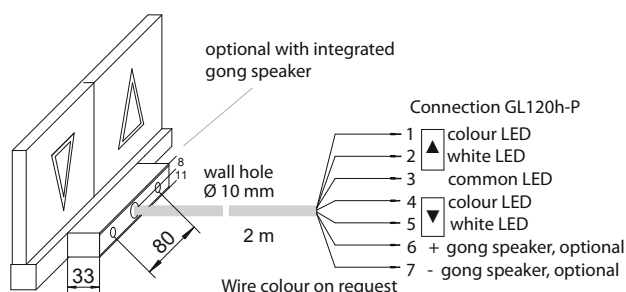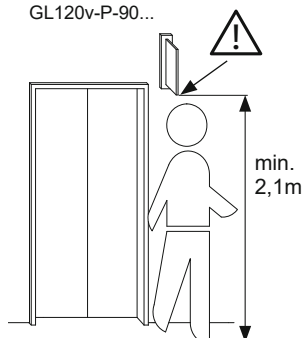| Tone variants to EN81-70:	1-tone
	2-tone
	3-tone
Control:	common anode
	or cathode
Volume:	adjustable
Tone pitch:	adjustable
Voltage:	12-30V DC
Standby and signal currents:	10 mA
Operating current (peak):	< 200 mA
Sound pressure:	≥ 65 dB(A)
	80 dB (A) on request
Temperature range:	-10° C - +65C°

Also suitable as a two-wire installation

Further information see chapter Accustic

SCHAEFER

GlassLine Technical data

Minimum
mounting height

Observe also the
local regulations

GL120v-L-90...
GL120v-P-90...

min.
2,1m

optional with integrated
gong speaker

Connection GL120h-P

wall hole
Ø 10 mm

2 m

Wire colour on request

1	colour LED
2	white LED
3	common LED
4	colour LED
5	white LED
6 +	gong speaker, optional
7 -	gong speaker, optional

Fixing parts for concrete walls and
sheet panels included in the delivery.
Required pre-drilling:
in 1.5mm sheet panel: Ø 4.0 mm
in 2.0mm sheet panel: Ø 4.2 mm

**Connection
GL120v-P-90-up+down**

wall hole
Ø 12 mm

2 m

Wire colour on request

1	colour LED
2	white LED
3	common LED
4	colour LED
5	white LED
6 +	gong speaker, optional
7 -	gong speaker, optional

Fixing parts for concrete walls and
sheet panels included in the delivery.
Required pre-drilling:
in 1.5mm sheet panel: Ø 4.0 mm
in 2.0mm sheet panel: Ø 4.2 mm

**Connection
GL120v-P-90-up
GL120v-P-90-down**

wall hole
Ø 12 mm

2 m

Wire colour on request

1	colour LED
2	white LED
3	common LED
4 +	gong speaker, optional
5 -	gong speaker, optional

Fixing parts for concrete walls and
sheet panels included in the delivery.
Required pre-drilling:
in 1.5mm sheet panel: Ø 4.0 mm
in 2.0mm sheet panel: Ø 4.2 mm

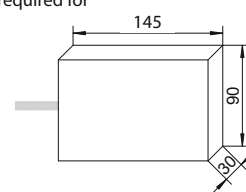|	
Supply voltage:	20-28V DC
Current:	≤ 50mA / arrow (Amber ≤ 58mA/arrow)
Power:	1.2W (1.4W Amber)/ arrow at 24V
Control:	common anode or cathode
Fixed installed line on the indicators:	LIYY 5/7 x 0,34mm²
Protection class:	IP20

Function table   ● = Signal on

Input colour LED	Input white LED	
		LEDs off
	●	white LEDs on (optional usable as background light)
●		colour LEDs on
●	●	colour LEDs on, white LED off. operating current via input of the colour LED

RoHs

Optional

Control device in lift shaft required for
specification with gong

145

90

30

Protection class:
IP20

Terminal in the control device

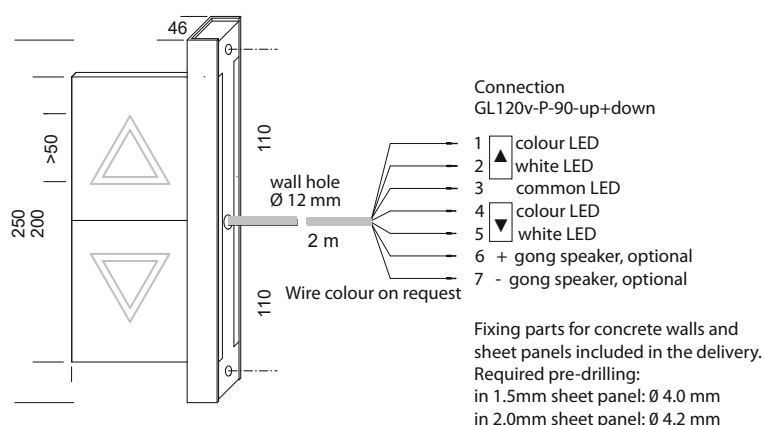| LED Control	Gong PG37	+
0,14 ... 1.5mm²	0,14... 0.5mm²	0V
26... 16 AWG	26... 20 AWG	1-ton
		2-ton
		3-ton

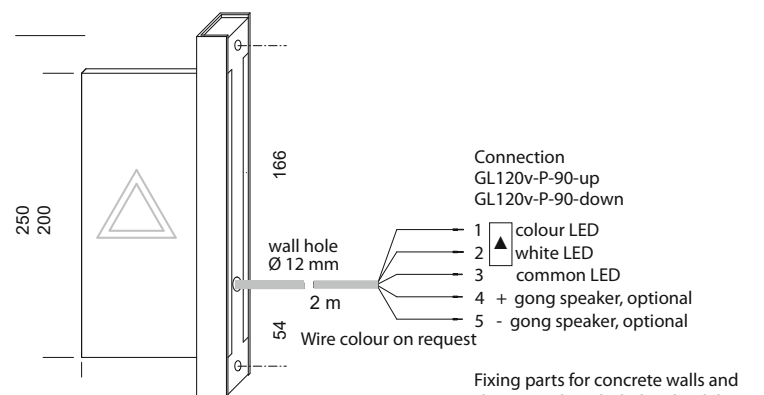|	
Tone variants to EN81-70:	1-tone
	2-tone
	3-tone
Control:	common anode or cathode
Volume:	adjustable
Tone pitch:	adjustable
Voltage:	12-30V DC
Standby and signal currents:	10 mA
Operating current (peak):	< 200 mA
Sound pressure:	≥ 65 dB(A) 80 dB (A) on request
Temperature range:	-10° C - +65C°

Also suitable as a two-wire installation

Further information see chapter Accustic

GlassLine Technical data

optional with integrated
gong speaker

Connection valid for
GL160h-L
GL160h-2L
GL200h-L

1 colour LED
2 white LED
3 common LED
4 + gong speaker, optional
5 - gong speaker, optional

wall hole
Ø 10 mm

2 m

80

33

Fixing parts for concrete walls and
sheet panels included in the delivery.
Required pre-drilling:
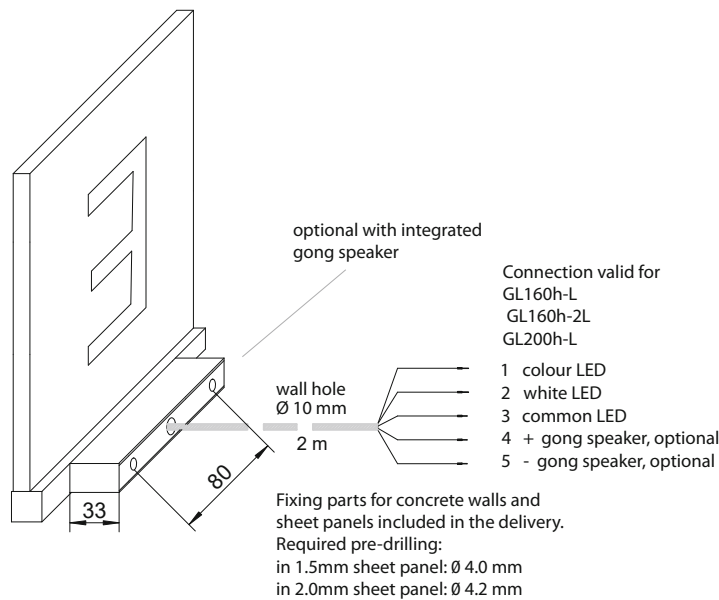in 1.5mm sheet panel: Ø 4.0 mm
in 2.0mm sheet panel: Ø 4.2 mm

|	
Supply voltage:	20-28V DC
Current:	≤ 50mA / character (Amber ≤ 58mA/character)
Power:	1,2W (1.4W Amber)/character at 24V
Control:	common anode or cathode
Fixed installed line on the indicators:	LIYY 3/5 x 0,34mm²
Protection class:	IP20

RoHs III

Function table   ● = Signal on

Input colour LED	Input white LED	Function	Operation Current ≤ 50mA/character (Amber LEDs ≤ 58mA)
		LEDs off	——
	●	white LEDs on (optional usable as background light)	via input „white LED"
●		colour LEDs on	via input „colour LED"
●	●	colour LEDs on, white LED off	current flows only via input „colour LED"

Optional

Control device in lift shaft required for
specification with gong

Protection class:
IP20

145

90

30
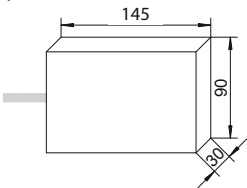
Terminal in the control device

LED Control	Gong PG37
0,14 ... 1.5mm²	0,14... 0.5mm²
26... 16 AWG	26... 20 AWG

|	
Tone variants to EN81-70:	1-tone
	2-tone
	3-tone
Control:	common anode or cathode
Volume:	adjustable
Tone pitch:	adjustable
Voltage:	12-30V DC
Standby and signal currents:	10 mA
Operating current (peak):	< 200 mA
Sound pressure:	≥ 65 dB(A)
	80 dB (A) on request
Temperature range:	-10° C - +65C°

Also suitable as a two-wire installation

Further information see chapter Accustic

GlassLine Technical Data

GL120v-L-90 ... X40
GL120v-P-90 ... X40
GL128hrv-L-90 ... X40

Specification with back box

|	
Faceplate material	stainless steel, fine brushed, 2 mm
	option: other materials
Back box material	galvanised sheet metal 1.5mm
	accessory: adjustable angle brackets
Fittings fixing	back box fixing
Faceplate fixing	concealed screws
Fixture mounting	plastered into wall cutout or
	via adjustable angle brackets on back box
Wall thickness	independent or via adjustable brackets on panels with
	a thickness of 1-3 mm
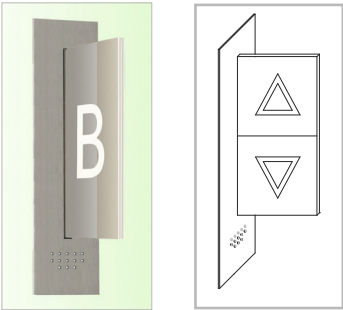
Flush mount in stone walls:

· without gong
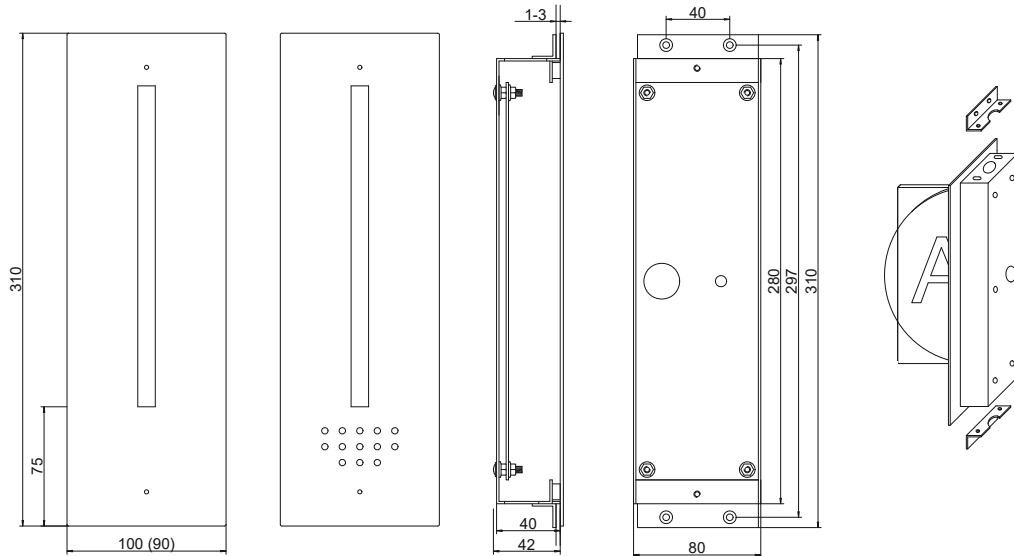· with gong

Width of the front plate:
· 100 mm
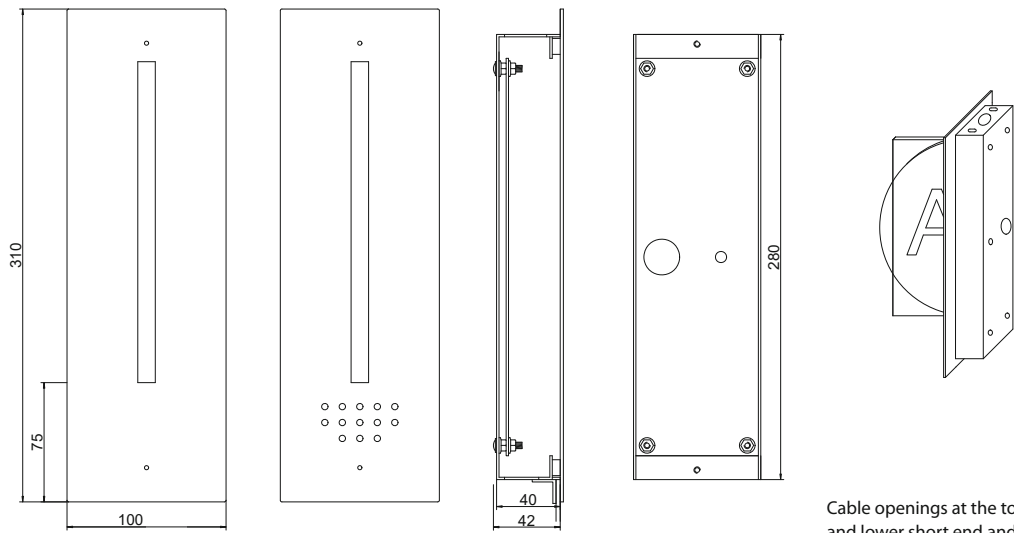
Cable openings at the top and lower short end and middle left

Flush mount in sheet metal panels:

· without gong
· with gong

Width of the front plate:
· 100 mm
· 90 mm , optional
  (only with panel mounting)

NOTES

General information and imprint

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