NYON GP3100

A robust and powder-coated, extruded aluminium construction with integrated laminated safety glass (laminated safety glass 10 or 12 mm) forms the basis of the glass roof system. The construction is intended for wall and ceiling mounting. The wall connection profile makes it possible to accommodate the rafters which, at only 57 x 155 mm, are deliberately kept very narrow. The rafters run harmoniously into the front of the water channel (not mounted) and thus guarantee a filigree structure. The supports measure 115 x 115 mm and support the all-weather roof at the front. The distance between the supports can be changed by different combinations of the water channel (height of water channel 170 or 215 mm with or without steel reinforcement). The inclination is selectable from 3°–15°.

Options

Shading
Selectable on or under the glass roof.
Recommendation: under the glass = ARNEX PS2500
Recommendation: above the glass = ARNEX PS8000

Drainage
Selectable via side spouts and or through the support (one drainage per 17 m^2 necessary).

Automation
Automation of the GLASS ROOF with the following optional variants.
– Somfy io wireless system: Select main motor io, select comfort packages and select SLT lighting with io.
– KNX/DALI interface: Select WT main motor and SLT lighting with DALI/ext. buttons.

Integrated LED lighting in the rafters
A groove is provided in the rafter for integrated lighting, in which the SLT100 LED strip can be installed.
The groove is covered by a reflector plastic profile.

SLS100 LED spotlights (2700 K, 3000 K, 4000 K)
LED-Strips SLT100 (2700–5000 K)

Operation: LED spots
– On, off, or dim with an external light switch.
– On, off, or dim with remote control (Somfy io).

Operation of LED SLT Stripe
– io usage: On/off/dimming/color control using the Situo io hand-held transmitter.
– Operation via DALI/ext. buttons: DALI is controllable via home automation systems or buttons (DALI Feller rotary encoder, Art. no. 40090) on/off/dimming/color control.

Front/side shading
VM720/3 for adaptive mounting.

Glazing
All-glass sliding system SV1020 can be used as front and side glazing. The fixed glazing system SV1051 is used as side glazing (e.g. as spikes) in combination with the SV1020. The maximum front or side area of 15 m^2 per side must not be exceeded.