

lumen

ART

30h

Catalog

FREEDOM DESIGN ELEGANCY INTEMPORAL

Our systems result from a strong investment in R&D and pattern design international market, guaranteeing differentiating solutions, innovative and that allow them to reach high performances.

Working with Lummenn is freedom to realize unique architectural environments, with aesthetic standards, functionality, timeless comfort and elegance.

Opening dynamics, reliability and high performances.

30n

Minimalism with dynamic openings, through the smooth and precise sliding of the openings, resulting in greater circulation access. It captures natural light, filters the desired external sunlight, and presents good thermal and acoustic performance, allowing greater performance of the openings.



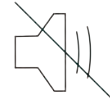
Minimalism

Minimalism with about 20mm of central profile, with almost total concealment of the perimeter profiles of the entire span.



Security

High quality manual locks, which guarantee your security against intrusion.



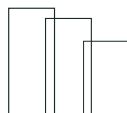
Acoustic Reduction

Greater thicknesses of glass and acoustic films, allow for greater acoustic reduction performance.



Solar Control

The solar control glass allows the capture of natural and visual contact with the outside, filtering unwanted solar energy.



Personalization

High degree of personalization, through the various opening dynamics.



Performance

Excellent mechanical resistance, due to the reinforced profile and efficient thermal bridge rupture.



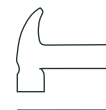
Low Thermal Emissivity

The application of emissive glass, ensures energy retention in the enclosure.



Multirole Movement

Smooth sliding movement, supported by 3 stainless steel bearing carriages.



Ultra Durable Treatment

Treatment with guaranteed durability through micronage reinforcement.

30n

Coefficient of thermal transmission

Uw from 1,3 (W/m²K)
Consult typology, dimension and glass
Areas of compliance with the rct^e* i1 i2 i3

Acoustic insulation

Maximum case for glazing:
30mm
Maximum sound insulation rw=41 dba

Finishes

Bi-color possibility
Color lacquering (ral, speckled and rough)
Wood imitation lacquering
Antibacterial lacquering
Anodized

Categories achieved on test bench

Air permeability (EN 12207:2016)
Class 4
Water tightness (EN 12208: 1999)
Class 7a
Wind resistance (EN 12210:2016)
Class c5

Possibility of opening

Number of sheets: "infinity"
Possibility of 1, 2, 3 or 4 rails

Dimensions

Maximum dimensions per frame
Width (l) = "infinity"
Height (h) = 3200mm

Maximum dimensions per sheet
Maximum area / sheet = < 7m²
Maximum weight / sheet = 320kg

*Depending on the thermal transmission coefficient of the glass

Cais da Afurada

Location Vila Nova de Gaia
Photography José Campos
Year 2019



30n

ART
lummenn

janelas_minimalistas

Rua de Sanfanhos, 381
4415 - 330 Pedroso, Vila Nova de Gaia
Porto, Portugal
T 351 220 959 366 (call to the national fixed network)
E geral@lummenn.pt

lummenn.pt

Year 2023