

Data Sheet

LEDGLASS[®] LEAVES LIGHTING SYSTEM



1 - DESCRIPTION

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Innovative system for lighting glass leaves that gives automatic sliding doors a new dimension.

By engraving special glass and lighting it with LED strips it gives the environment interesting lighting effects with numerous applications, such as:

- Decoration
- Advertising and corporate image
- Signposting and reinforcing accessibility

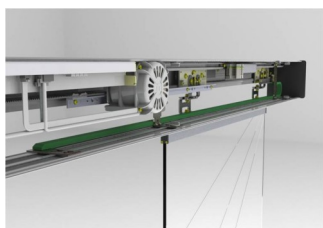
Illuminating on or one or more sides provide different levels of luminosity.

The engraving of the glass can be done with a sand or laser jet, with the design according to the client's specification.

2 - COMPONENTS OF THE SYSTEM

The LED illumination system for leaves **manusa** LEDGLASS consists of:

- Power supply kit
for sliding leaves



- LED strips



- Engraved glass



- Power supply



- Power supply
chain



3 - AVAILABLE VERSIONS

3.1 POWER SUPPLY KIT FOR MOBILE LEAVES

SHORT:

- Leaf width 450 to 1500 mm

LONG:

- Leaf width 1500 to 2500 mm

3.2 GLASS: TYPE

LAMINATED:

- Finishing: Extra clear
- Thickness: 3+3, 4+4, 5+5, 6+6

SAFETY TEMPERED GLASS:

- Finishing: Extra clear transparent or matte
- Thickness: 8, 10, 12, 18

3.3 GLASS: ENGRAVING METHOD

SAND JET:

- Enables greater engraving depth and different depths for light effects
- Maximum measurements: 2600 x 3000 (width x height)

LASER:

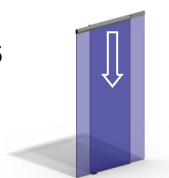
- More superficial, permits complex shapes and photo-like images
- Maximum measurements: 900 x 1300

Each method is applied standardized according to engraving complexity.

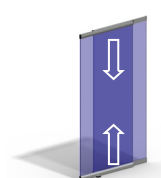
3.4 LIGHTING CONFIGURATION

UPPER:

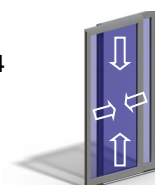
- Standard
- Leaf type T35


UPPER AND LOWER

- On request
- Leaf type D35


FOUR SIDES

- On request
- Leaf type C44



Depending on the leaf size and the illumination system, different levels of luminosity can be obtained for each application.

4 - TECHNICAL FEATURES

TECHNICAL FEATURES

Standard power supply	170-260 V AC 50/60Hz
Power supply output voltage	24 V DC
Power supply output current	2,5 A DC
Maximum output power of power supply	60 W
LED density	60 led/m
Consumption of LED strip	14,4 W/m
LED average life	50.000 hours

APPLICABLE DIRECTIVES

Low voltage	2006/95/CE
Electromagnetic compatibility	2004/108/CE

5 - PART NUMBER TABLE

ELEMENT	PART NUMBER
Power supply kit for sliding leaves, short	A00167
Power supply kit for sliding leaves, long	A00168
Power supply 60 W (*)	A02866
LED strip (order according to leaf width)	P00204
Engraved glass, small complexity	P00247
Engraved glass, medium complexity	P00248
Engraved glass, high complexity	P00249

(*) Supplied separately for fix leaves lighting instead of power supply kit.

NOTE: The features included in this document are given for information purposes only, and are not binding.

The manufacturer reserves the right to modify its products without prior notice.

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