



date sheet

pergole

SKY LI GHT_

Dirello
ITALIAN OUTDOOR DESIGN



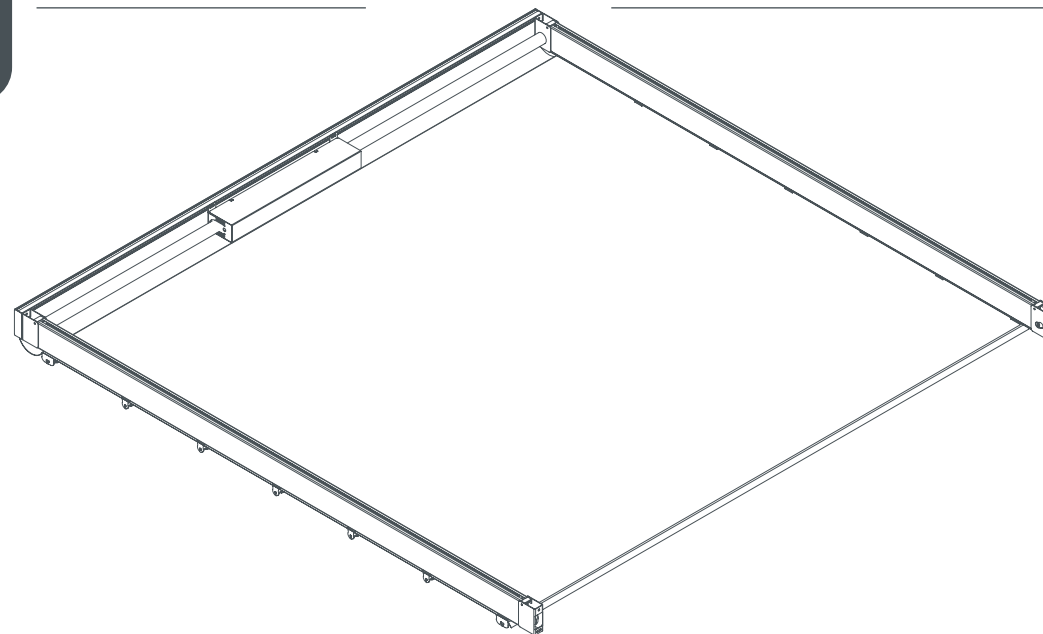
SKYLIGHT

SKYLIGHT is a horizontal flat folding system, with stretched canvas when open and folded when closed, thanks to a system of guides and sliding trolleys that allows motion. Designed to ensuring sun protection, thermal comfort and to shielding winter gardens, glass roofs and skylights, where light and heat seep inside.

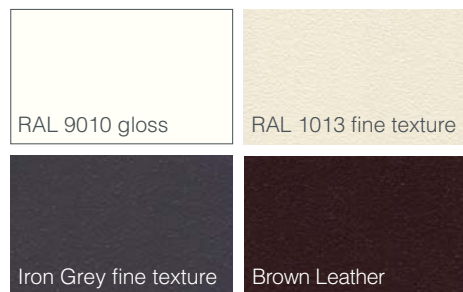
Skylight awning canvas is supplied with PVC coated polyester fabric fireproof class 2, overshadow, stain-resistant and treated to protect them from the action of UVA rays and against water and micrograms.

Motion is with manual winch (max 15 sq. m.) or through electronics motor with remote control of your choice.

Maximum dimensions 1300 cm wide by 700 cm projection, 91 sq. m. of surface area covered.



COATING standard //

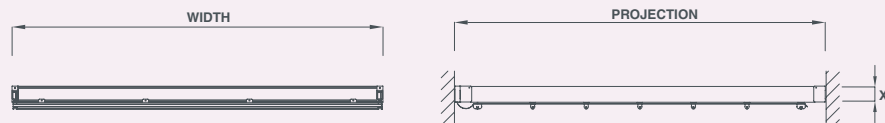


TEXTILE standard //



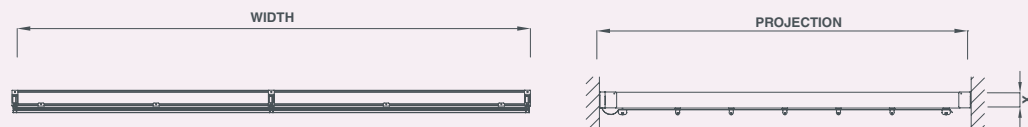
others coatings colors see related page //

SKYLIGHT // DIMENSIONS



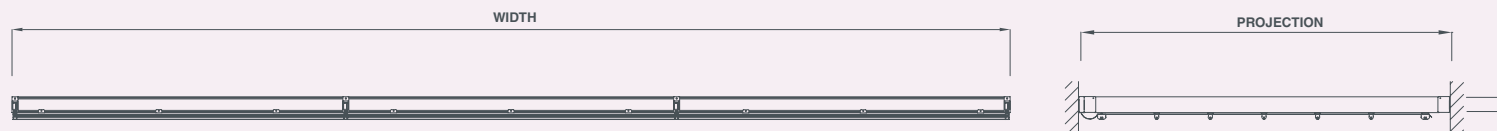
SKYLIGHT // SINGLE FORM

(L: max 500 cm)
(S: max 700 cm)



SKYLIGHT // DOUBLE FORM

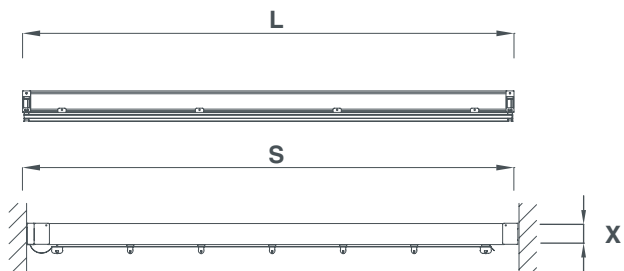
(L: max 900 cm)
(S: max 700 cm)



SKYLIGHT // TRIPLE FORM

(L: max 1300 cm)
(S: max 700 cm)

SKYLIGHT // SINGLE FORM



Flat version suitable on glass surfaces

Wind resistance: UNI EN 13561.2015:
 classe 3 (corresponding to grade six on the Beaufort scale)

L	width	
S	projection	
X	overall fixing dimension	
L	max total width single form	500 cm
S	max total projection	700 cm
X	overall fixing dimension	20 cm

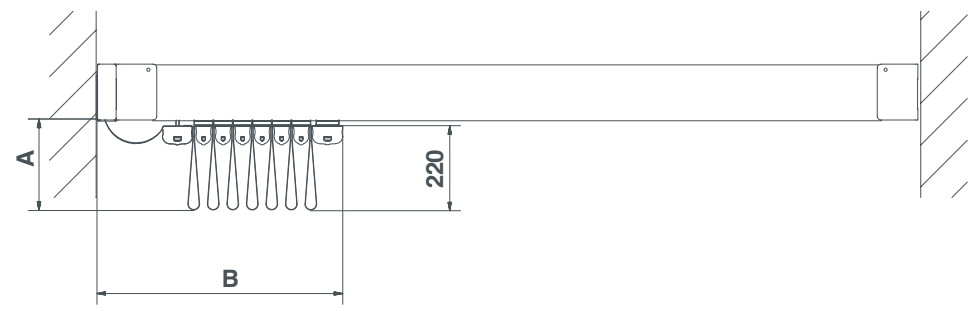
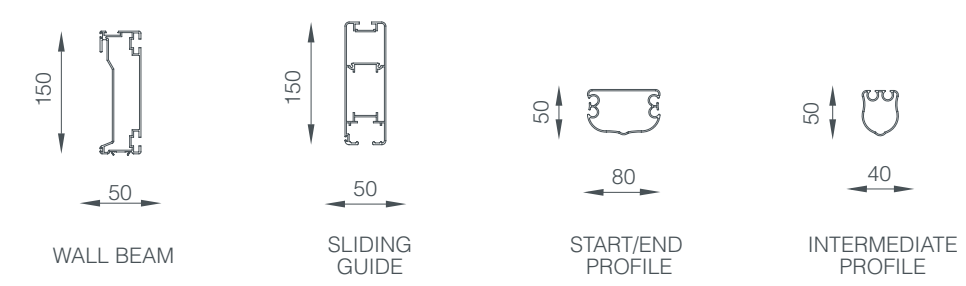


TABLE - CANVAS OVERALL DIMENSION //

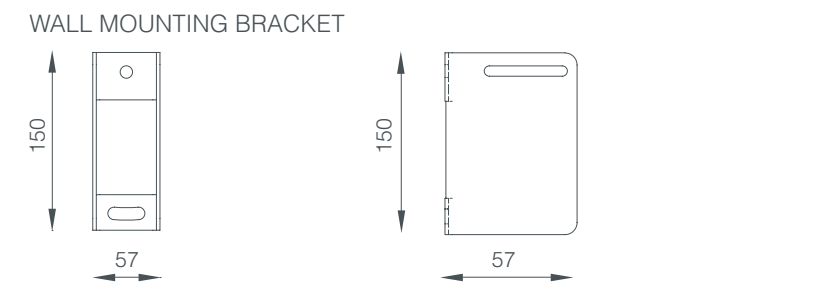
		TOTAL NUMBER CANVAS PROFILE														
		4	5	6	7	8	9	10	11	12	13	14				
PROJECTION	200	27.1														A
	250	27.7														
	300	28.4														
	350	29														
	400	29.7														
	450	30.2														
	500	30.9														
	550	31.5														
	600	31.9														
	650	32.7														
700	33.4															
		42.5	47.6	52.7	57.7	62.8	67.8	72.9	78.0	83.0	88.1	93.2	B			

* The table figures are in cm and show the overall dimensions of folded canvas with slope reference of 15%. The values are to be considered purely indicative.

TECHNICAL DETAILS // STANDARD



FIXING OPTIONS //



SKYLIGHT // SINGLE FORM



		type stretched fabric - assembled									
WIDTH		200	250	300	350	400	450	500	start/end profiles	intermediate profiles	additional guide
		2 guides	2 guides	2 guides	2 guides	2 guides	2 guides	2 guides			
PROJECTION	200								2	2	
	250								2	3	
	300								2	4	
	350								2	5	
	400								2	6	
	450								2	7	
	500								2	8	
	550								2	9	
	600								2	10	
	650								2	11	
	700								2	12	

ADDITIONAL ELEMENTS

additional intermediate profile

sliding gutter

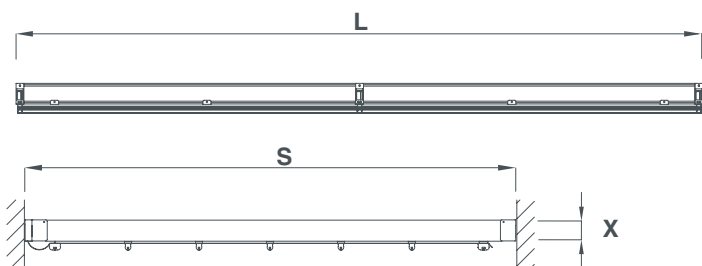
outdoor LED system

Watt average values	25,2	31,5	37,8	44,1	50,4	56,7	63
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CONTROL FUNCTIONS & OPTIONALS

ceiling mounting bracket (h.15 cm)									pc.
manual winch (max projection 300 cm)									pc.
Secure Box Motor (single and double form)									pc.
remote control Situo 1 IO									pc.
remote control Situo 5 IO									pc.
dimmable lights receiver IO - max 500 W									pc.
driver 24 V	up to 80 W	up to 150 W	up to 240 W	up to 320 W	up to 600 W				
other remote controls and / or sensors see related page									

SKYLIGHT // DOUBLE FORM



Minimum slope for water to run off:
0% (for glass roof applications)

Wind resistance:
UNI EN 13561.2015:
classe 3 (corresponding to grade six on the Beaufort scale)

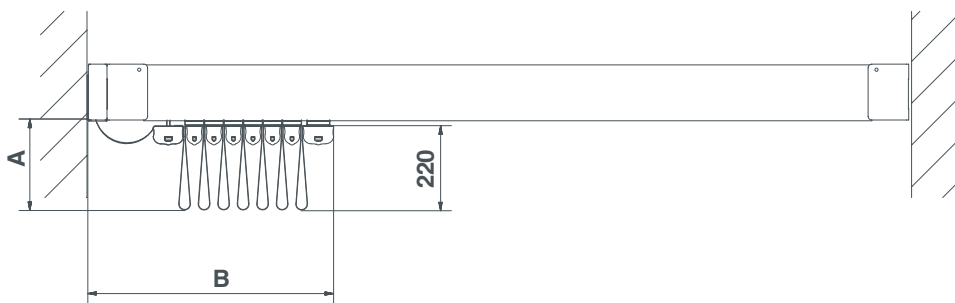
L	width
S	projection
X	overall fixing dimension

L	max total width single form	900 cm
S	max total projection	700 cm
X	overall fixing dimension	20 cm

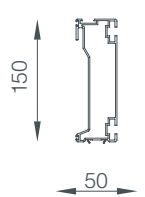
TABLE - CANVAS OVERALL DIMENSION //

		TOTAL NUMBER CANVAS PROFILE											
		4	5	6	7	8	9	10	11	12	13	14	
PROJECTION	200	27.1											
	250	27.7											
	300	28.4											
	350	29											
	400	29.7											A
	450	30.2											
	500	30.9											
	550	31.5											
	600	31.9											
	650	32.7											
700	33.4												
		42.5	47.6	52.7	57.7	62.8	67.8	72.9	78.0	83.0	88.1	93.2	B

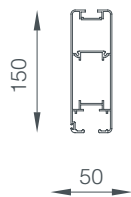
* The table figures are in cm and show the overall dimensions of folded canvas with slope reference of 15%. The values are to be considered purely indicative.



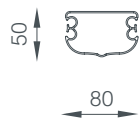
TECHNICAL DETAILS // STANDARD



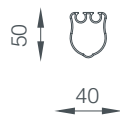
WALL BEAM



SLIDING GUIDE



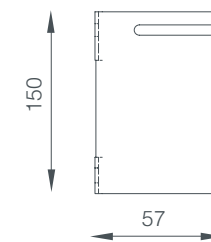
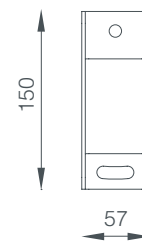
START/END PROFILE



INTERMEDIATE PROFILE

FIXING OPTIONS //

WALL MOUNTING BRACKET



SKYLIGHT // DOUBLE FORM



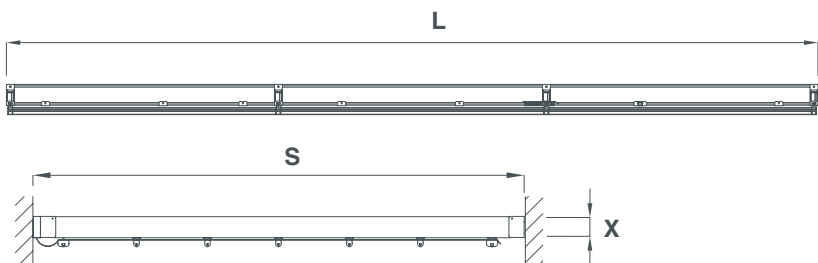
WIDTH		type stretched fabric - assembled (up to L: max 700 cm)					type stretched canvas - not assembled*					start/end profiles	intermediate profiles	additional guide
		500 3 guides	550 3 guides	600 3 guides	650 3 guides	700 3 guides	750 3 guides	800 3 guides	850 3 guides	900 3 guides				
PROJECTION	200										2	2		
	250										2	3		
	300										2	4		
	350										2	5		
	400										2	6		
	450										2	7		
	500										2	8		
	550										2	9		
	600										2	10		
	650										2	11		
700										2	12			
ADDITIONAL ELEMENTS														
additional intermediate profile												pc.		
sliding gutter												pc.		
outdoor LED system												pc.		
Watt average values		63	69,3	75,6	81,9	88,2	94,5	100,8	107,1	113,4				

CONTROL FUNCTIONS & OPTIONALS

ceiling mounting bracket (h.15 cm)						pc.
Secure Box Motor (single and double form)						pc.
remote control Situo 1 IO						pc.
remote control Situo 5 IO						pc.
dimmable lights receiver IO - max 500 W						pc.
driver 24 V	up to 80 W	up to 150 W	up to 240 W	up to 320 W	up to 600 W	
other remote controls and / or sensors see related page						

(*) It is recommended to use Fabric Stretching Tool. For prices and information, contact the sales office.

SKYLIGHT // TRIPLE FORM



Minimum slope for water to run off:
0% (for glass roof applications)

Wind resistance:
UNI EN 13561.2015:
classe 3 (corresponding to grade six on the Beaufort scale)

L	width
S	projection
X	overall fixing dimension

L	max total width single form	1300 cm
S	max total projection	700 cm
X	overall fixing dimension	20 cm

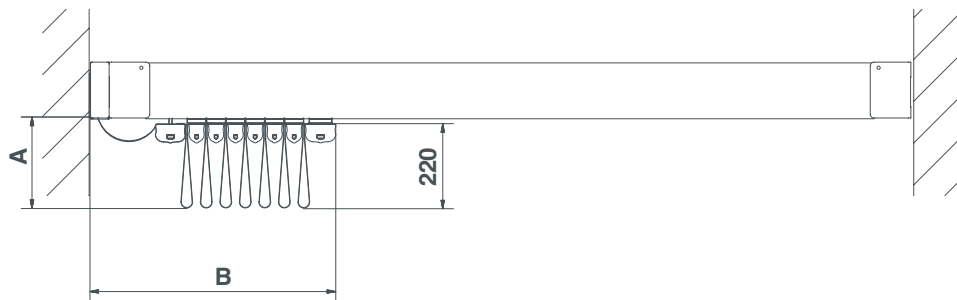
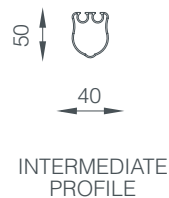
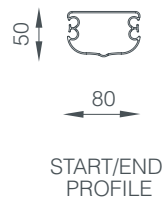
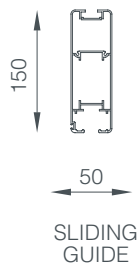
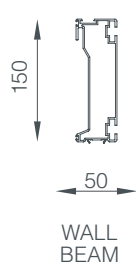


TABLE - CANVAS OVERALL DIMENSION //

		TOTAL NUMBER CANVAS PROFILE											
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PROJECTION	200	27.1											
	250	27.7											
	300	28.4											
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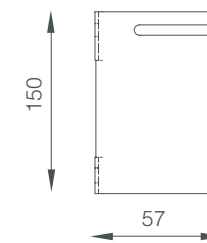
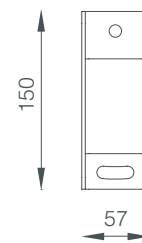
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TECHNICAL DETAILS // STANDARD



FIXING OPTIONS //

WALL MOUNTING BRACKET



SKYLIGHT // TRIPLE FORM



		type stretched canvas - not assembled*							start/end profiles	intermediate profiles	additional guide
WIDTH		950 4 guides	1000 4 guides	1050 4 guides	1100 4 guides	1150 4 guides	1200 4 guides	1250 4 guides			
PROJECTION	200									2	2
	250									2	3
	300									2	4
	350									2	5
	400									2	6
	450									2	7
	500									2	8
	550									2	9
	600									2	10
	650									2	11
	700									2	12

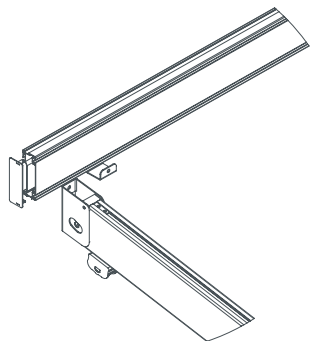
ADDITIONAL ELEMENTS										
additional intermediate profile										pc.
sliding gutter										pc.
outdoor LED system										pc.
Watt average values		119,7	126	132,3	138,6	144,9	151,2	157,5	163,8	

CONTROL FUNCTIONS & OPTIONALS

ceiling mounting bracket (h.15 cm)						pc.
Secure Box IO motor (triple form)						pc.
remote control Situo 1 IO						pc.
remote control Situo 5 IO						pc.
dimmable lights receiver IO - max 500 W						pc.
driver 24 V	up to 80 W	up to 150 W	up to 240 W	up to 320 W	up to 600 W	
other remote controls and / or sensors see related page						

(*) It is recommended to use Fabric Stretching Tool. For prices and information, contact the sales office.

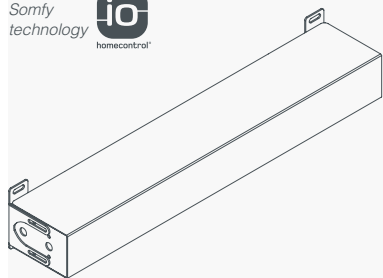
STANDARD ELEMENTS //



WALL BEAM

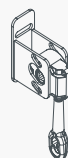
Extruded aluminum profile that allows wall anchorage fast and easy.

ADDITIONAL ELEMENTS //



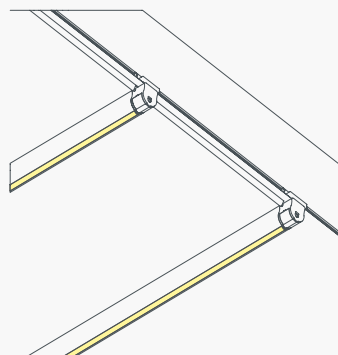
IO MOTOR CONTROL

Electronic tubular motor for sliding and tensioning the awning fabric supplied in a protective box, Secure Box in stainless steel.



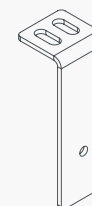
WINCH CONTROL

Manual-operation Manually operated sliding canvas roof, only for 2 guides type and up to 300 cm projection.



LED LIGHTING

Outdoor LED system is the patented LED lighting, applied on the intermediate profiles. see related pages



CEILING MOUNTING BRACKET

Stainless steel brackets for ceiling anchorage.



OUTDOOR LED SYSTEM



OUTDOOR LED SYSTEM is a patented LED light source, a new concept of light that spread over the length of the intermediate profile built-in in the pergola. The power cable are hidden in the canvas to ensures a perfect aesthetic result a clean smooth continuous and homogeneous lighting.

OUTDOOR LED SYSTEM is a decorative and versatile solution to enhance the sets of outdoor ambiance.



Models suitable for
OUTDOOR LED SYSTEM



outdoor led system



OUTDOOR LED SYSTEM



Visible spectrum of color temperatures

OUTDOOR LED SYSTEM 3000 K

Color: Warm Light
 Degrees Kelvin: 3000K
 Lumen: 400 lumen/mt
 IP Rating: IP65
 Power / Voltage: 12,6W/m ~ 24V

OUTDOOR LED SYSTEM 6000 K

Color: Luce Fredda
 Degrees Kelvin: 6000K
 Lumen: 400 lumen/mt
 IP Rating: IP65
 Power / Voltage: 12,6W/m ~ 24V

TABLE VOLT/WATT

transformer	24V up to 80W	24V up to 150W	24V up to 240W	24V up to 320W	24V up to 600W
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TABLE WATT

dimnable light receiver IO	maximum 500 Watt / cd.
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TABLE AVERAGE VALUE WATT/LUMEN

LENGTH LED TUBE	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300
-----------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------	------

Watt/ML

Lumen/ML

CONTROL FUNCTIONS //

SITUO 1 IO - single-channel

Single-channel remote control with individual or group control function.
Supplied with wall support



SITUO 5 IO - 5 channels

5 channels remote control with local control or group control function.
Supplied with wall support.



NINA

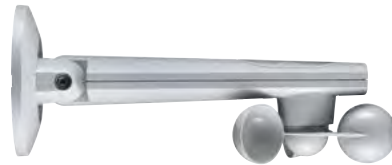
multi-channel touch screen remote control and home automation for the different devices.
Integrable with remote controls Situo 1 IO and / or Situo 5 IO.



EOLIS WIREFREE IO

Wind sensor

Wirefree sensors IO battery powered.
Freedom of installation on the facade.



LIGHTING RECEIVER VARIATION IO

VARIATION IO

dimmmable lights receiver for a LED lighting system.
Integrable with other IO devices.
Maximum power 500 W each.



Kit equipped with Rain sensor for detecting rainfall, combined with the IO contact dry transmitter.

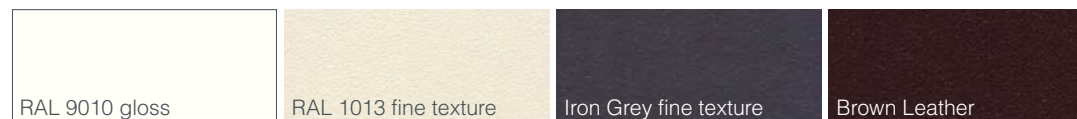


COATING

Our profiles have a chromatic mark, connected to the nature of places and in harmony with the architectural contexts, with distinctive feature of high quality. The coating of our profiles takes place three cycles:

- > Chemical pre-treatment process to the raw aluminum profile for perfect finish and long lasting protection;
- > Application of polyester powder using automatic electrostatic spray guns;
- > Curing conditions at 200° to get an extra strong final coating, increasing the mechanical characteristics of the profile.

COATING STANDARD //

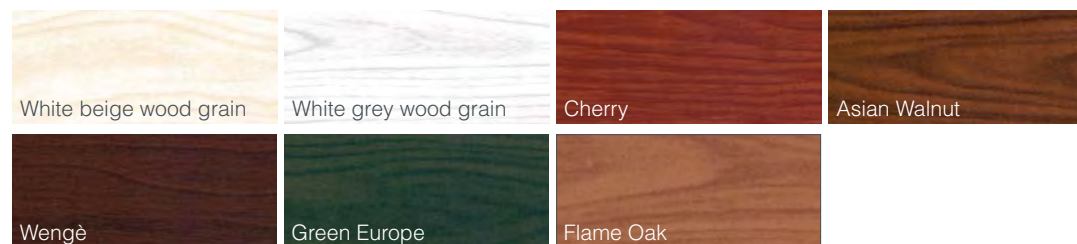


SPECIAL COATING //



The wood-grain effect is a coating that faithfully reproduce main essences of wood

COATING WOOD GRAIN EFFECT //



The reproductions of the coatings are indicative.

Dirello

ITALIAN OUTDOOR DESIGN

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