



**DOMES**

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## **BASSO SKYLIGHTS INNOVATION AND TECHNOLOGY**

A working environment illuminated with natural light is a healthier environment, leading to higher productivity due to its positive effect on the people. This is a goal that Basso Lucernari have been working towards for more than 30 years, studying, planning and manufacturing ventilation and lighting systems specifically made for industrial buildings as well as working and living environments.

**Basso Lucernari is synonymous with:**

**WIDE CHOICE** as they offer various types of products made according to the clients needs.

**COMPLETE SERVICE** as they guarantee consultancy during planning and assistance during the manufacturing stages as well as during installation.

**RELIABILITY** as their products are the result of a careful selection of materials, accurate workmanship and severe testing at every stage of production.

***BASSO LUCERNARI  
GIVING NEW DIMENSIONS TO LIGHT.***

**[www.bassoskylights.com](http://www.bassoskylights.com)**

## THE COMPONENTS

### DOME, OPENABLE FRAME, BASE

Dome skylights are made up of three fundamental parts: dome, openable frame and base. The variants of each single part and the method of assembly give each dome skylight its own qualitative and functioning identity. Experience gained in over 20 years of production and installation of skylights and continuous research and development in materials make it possible for Basso Lucernari to satisfy any request and to offer their clients a quality range of products with high level characteristics.



**DOME**



**OPENABLE FRAME**



**BASE**

### THE WALLS

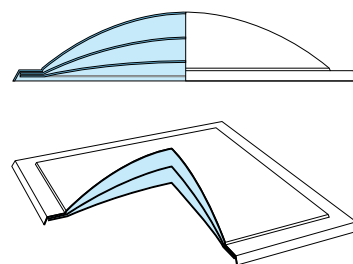
All domes are available with one or more walls. The walls are thermoformed layers in polymethylmethacrylate PMMA, available in opal, white or transparent colour.

Domes made from polymethylmethacrylate PMMA offer higher light transmission, maximum resistance and, if made with up to 3 walls, sufficient thermal insulation.

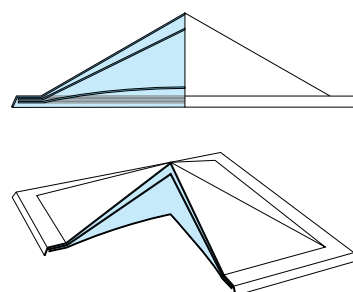
Also available on request are domes made from compact polycarbonate PC, anti-fire and break-in with simple walls, plurima or in specific cases mixed, PC/PMMA.



### SAIL DOMES



### PYRAMID DOMES





## THE DOMES

**THE BEAUTY AND  
COMFORT OF ANY  
ENVIRONMENT ARE  
ALSO AFFECTED  
BY LIGHT.  
HOW MUCH LIGHT  
THERE IS AND,  
ABOVE ALL,  
IT'S QUALITY.**

Domes produced by Basso Lucernari significantly improve illumination in commercial and industrial environments. Thanks to their elegant design and versatility of installation they adapt perfectly to even the most particular architectural designs and significantly contribute to the esthetic quality of professional or personal environments.

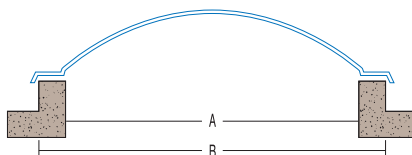


## DIMENSIONS OF SAIL AND PYRAMID DOMES

Planned with circular, square or rectangular base, these skylights ensure maximum ease in installation and adapt perfectly to even the most particular architectural designs.

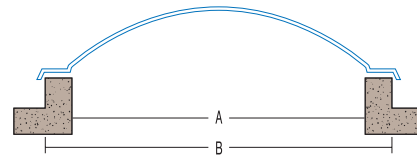
Made from thermoformed polymethacrylic or anti-UV compact polycarbonate, with opal or transparent finish. the skylights are available in various shapes and sizes: sail or pyramid, with single, double, or triple wall.

They can be opened, manually or electrically.



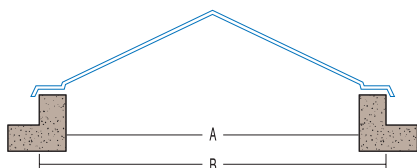
SAIL DOME **SQUARE BASE**

Code	A=cm	B=cm
CQ40	40x40	52x52
CQ50	50x50	62x62
CQ60	60x60	72x72
CQ70	70x70	82x82
CQ75	75x75	87x87
CQ80	80x80	92x92
CQ90	90x90	102x102
CQ100	100x100	112x112
CQ120	120x120	132x132
CQ130	130x130	142x142
CQ140	140x140	152x152
CQ150	150x150	162x162
CQ160	160x160	172x172
CQ180	180x180	192x192
CQ200	200x200	212x212
CQ220	220x220	232x232
CQ230	230x230	242x242
CQ250	250x250	262x262



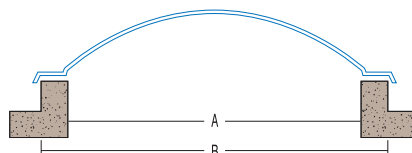
SAIL DOME **RECTANGULAR BASE**

Code	A=cm	B=cm
CR30x80	30x80	42x92
CR30x130	30x130	42x142
CR40x70	40x70	52x82
CR40x100	40x100	52x112
CR40x190	40x190	52x202
CR50x100	50x100	62x112
CR60x90	60x90	72x102
CR60x120	60x120	72x132
CR70x100	70x100	82x112
CR70x130	70x130	82x142
CR75x125	75x125	87x137
CR75x175	75x175	87x187
CR80x130	80x130	92x142
CR80x180	80x180	92x192
CR80x220	80x220	92x232
CR80x230	80x230	92x242
CR80x280	80x280	92x292
CR100x130	100x130	112x142
CR100x160	100x160	112x172
CR100x190	100x190	112x202
CR100x200	100x200	112x212
CR100x220	100x220	112x232
CR100x230	100x230	112x242
CR100x250	100x250	112x262
CR130x160	130x160	142x172
CR130x190	130x190	142x202
CR130x220	130x220	142x232
CR130x230	130x230	142x242
CR130x250	130x250	142x262
CR130x280	130x280	142x292
CR160x190	160x190	172x202
CR160x220	160x220	172x232
CR160x230	160x230	172x242
CR160x250	160x250	172x262
CR160x280	160x280	172x292



PYRAMID DOMES **SQUARE BASE**

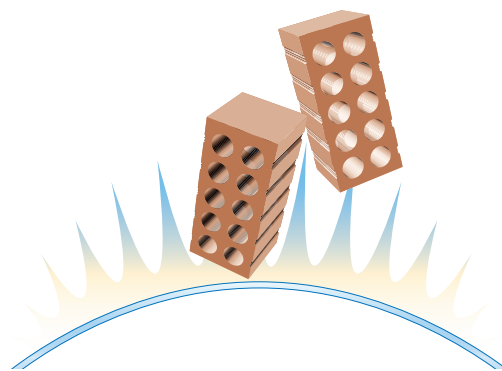
Code	A=cm	B=cm
CP50	50x50	62x62
CP60	60x60	72x72
CP70	70x70	82x82
CP80	80x80	92x92
CP90	90x90	102x102
CP100	100x100	112x112
CP120	120x120	132x132
CP130	130x130	142x142
CP150	150x150	162x162
CP160	160x160	172x172
CP180	180x180	192x192
CP200	200x200	212x212



SAIL DOME **CIRCULAR BASE**

Code	A=cm	B=cm
CC40	Ø 40	Ø 52
CC60	Ø 60	Ø 72
CC70	Ø 70	Ø 82
CC80	Ø 80	Ø 92
CC90	Ø 90	Ø 102
CC100	Ø 100	Ø 112
CC130	Ø 130	Ø 142
CC160	Ø 160	Ø 172
CC180	Ø 180	Ø 192
CC200	Ø 200	Ø 212
CC220	Ø 220	Ø 232
CC230	Ø 230	Ø 242
CC250	Ø 250	Ø 262





## TECHNICAL CHARACTERISTICS

### CHARACTERISTICS OF ROBUSTNESS: ACRYLIC AND POLYCARBONATE

	ACRYLIC	POLYCARBONATE
Resistance to impact	15 Nmm/mm <sup>2</sup>	> 200 Nm
Resistance to deformation	102°C	145°C
Flexibility	3300 N/mm <sup>2</sup>	2400 N/mm <sup>2</sup>
Hail impact*		21 m/sec.
Specific weight	1.2 kg/mm	1.2 kg/mm

\* test con simulazione sfera di plastica 20 mm

### TRANSMISSION OF HEAT AND LIGHT

TYPE	COMBINATIONS	LIGHT TRANSMISSION		SOLAR TRANSMISSION	
		TL%	TL%	TS%	TS%
		ACRYLIC	POLYCARBONATE	ACRYLIC	POLYCARBONATE
Single wall	T	92	88	85	82
Double wall	T/T	85	77	78	75
Triple wall	T/T/T	78	68	68	70
Single wall	O	79	49	78	62
Double wall	O/T	73	43	67	56
Triple wall	O/T/T	67	38	56	51

#### Legend

T = transparent

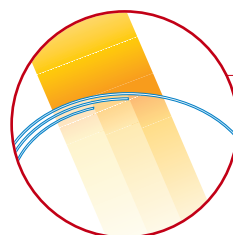
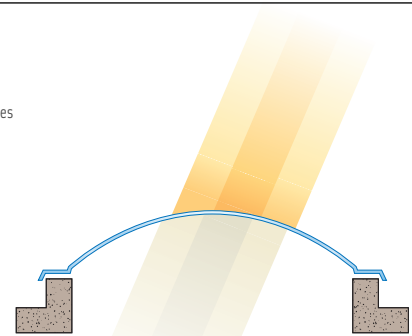
O = opal

TL = light transmission: the percentage of light which penetrates the walls. A low TL means less light.

TS = solar transmission: the percentage of solar energy which penetrates the walls. A low TS means less heat.

#### Note:

- based on a thickness of 3mm
- transmission is reduced with an increase in the number of walls.



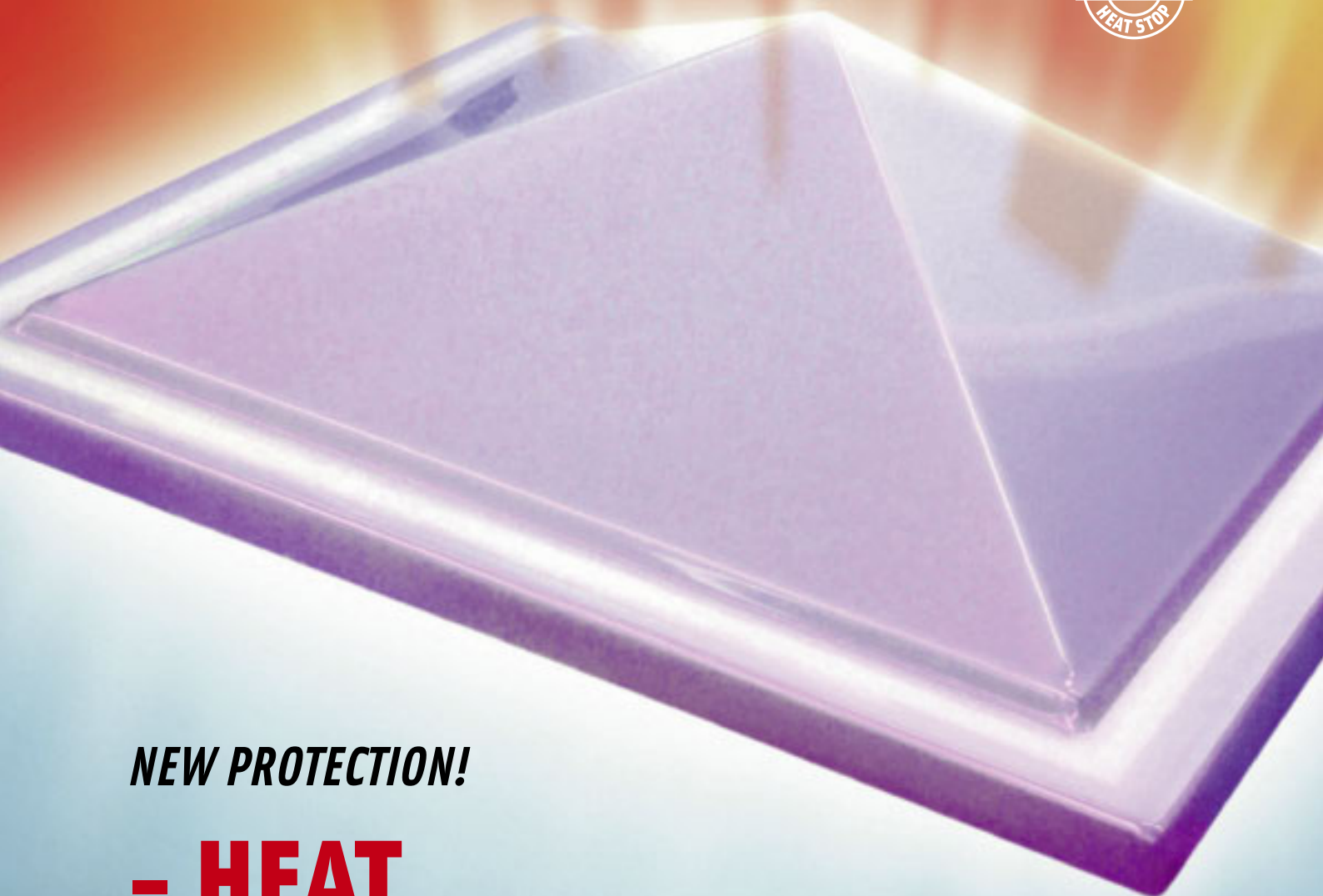
### COEFFICIENT (K) OF HEAT DISPERSION

Single wall	5.3 W/m <sup>2</sup> K
Double wall	2.8 W/m <sup>2</sup> K
Triple wall	1.9 W/m <sup>2</sup> K
Quadruple wall	1.4 W/m <sup>2</sup> K

# HEAT STOP.

by **BASSO LUCERNARI**

**new**

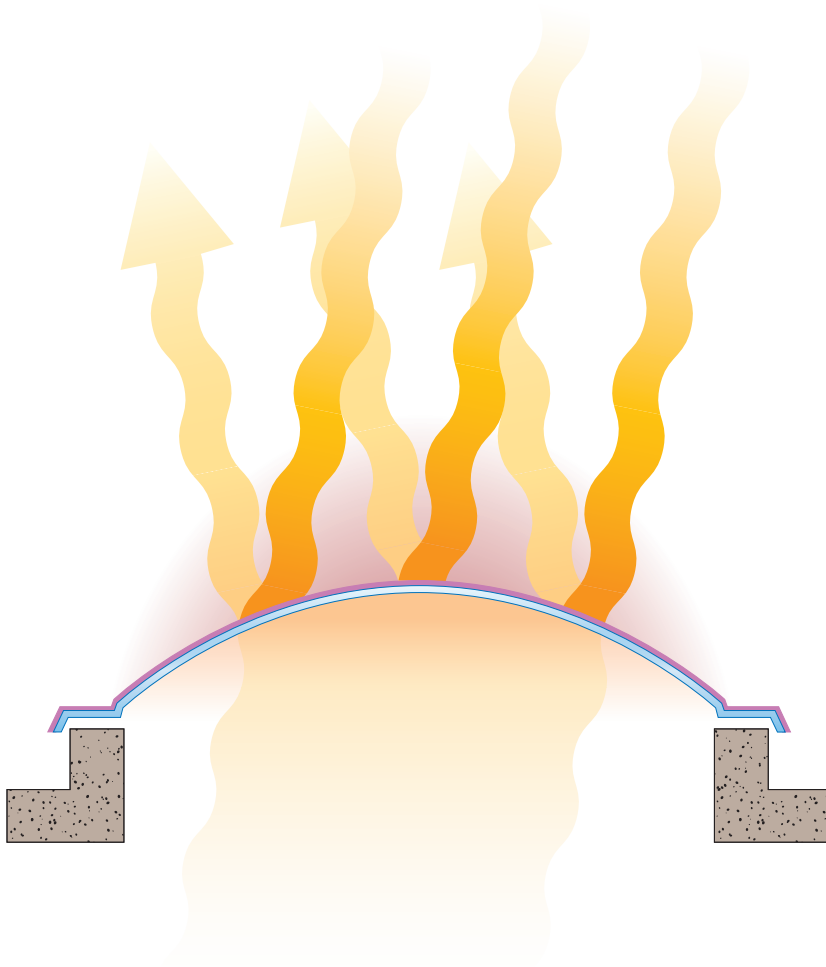


***NEW PROTECTION!***

**- HEAT  
+ ENERGY SAVING**

**Heat Stop** is a new special dome created by **Basso Lucernari**, intended to let in as much light as possible while reducing excess heat produced by solar rays. Made from materials of the highest quality, **Heat Stop** guarantees excellent insulation and a significant saving in energy as it reduces the need to use air conditioning. **Basso Lucernari** provides, on request, domes with octagonal or triangular base and various colours. These special domes also add a decorative touch to the environment and are suitable even for architectural designs of particular quality.





## HEAT STOP

### NEW PROTECTION: LESS HEAT, INCREASED ENERGY SAVING

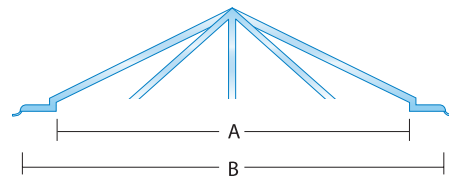
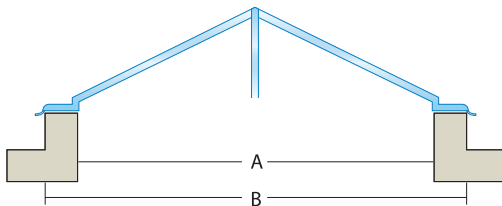
The HEAT STOP dome consists of a special wall made from polymethacrylate PMMA XT equipped with pigments highly effective in reflecting infra-red rays. The wall is created by thermo forming original polymethacrylate sheets (PMMA) exempt from recovery monomers with physical/mechanical features typical of pure polymer.

#### TECHNICAL CHARACTERISTICS

	TL%	TS%
Single wall	51	38
Double wall	47	32
Triple wall	43	30

TL= light transmission  
TS= solar transmission

### TRIANGULAR AND OCTAGONAL DOMES

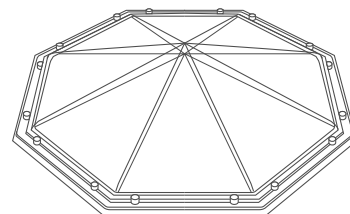
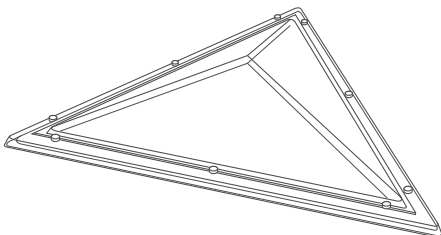


#### TRIANGULAR DOMES

A	B	POLYESTER BASE (section)
120x120x120	132x132x132	x
160x160x160	172x172x172	x
180x180x180	192x192x192	x

#### OCTAGONAL DOMES

A	B	BASE
120x120x120	132x132x132	NO



# EASY BLOCK

by **BASSO** LUCERNARI



The innovative mounting system patented "EASY BLOCK" ensures maximum speed and safety in positioning. You can mount or dismantle the dome by simply using pliers and a lever. Easy Block, made with a special ergonomic design consists of two highly resistant brackets in extruded aluminum. The original mounting system, which doesn't require any holes to be made in the dome and on the bracket, guarantees impermeability and maximum duration.

"EASY BLOCK" can be used more than once and makes it possible to mount the dome onto any type of support: brick or armoured cement curb and on a metal or synthetic base.

## NEW DOME MOUNTING SYSTEM ... **QUICK AND SIMPLE!**



### 1. Mounting the dome

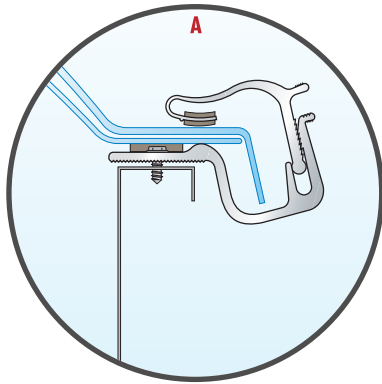
The photo shows the task of mounting the dome using Easy Block. The dome can be mounted in just a matter of seconds by pressing lightly on the points shown with the palm of your hand and using the pliers at the same time.



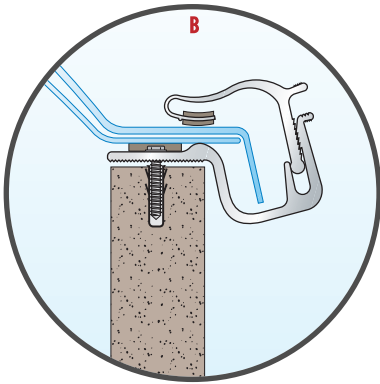
### 2. Dismantling the dome

The photo shows the task of dismantling the dome using Easy Block. Hold the rod still with one hand and using a suitable instrument as a lever, raise where shown. Opening is immediate.

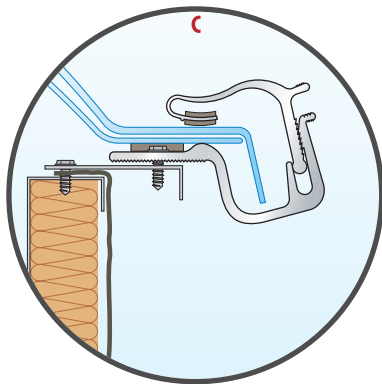
# DOME MOUNTING SYSTEM



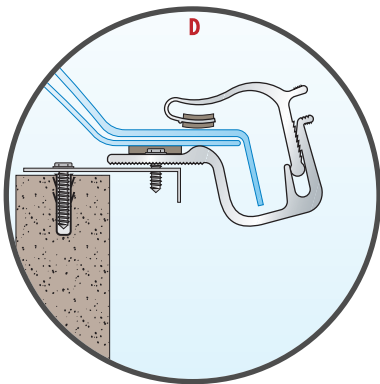
Standard mounting  
on steel base



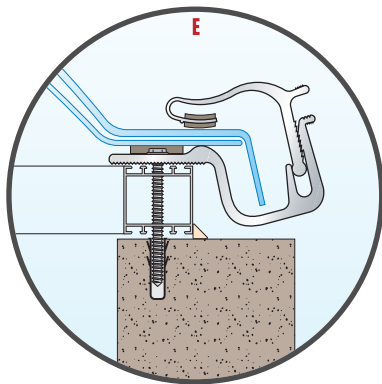
Standard mounting  
on a wall



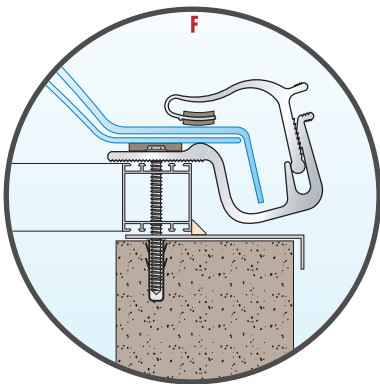
Mounting on steel base  
with corner compensation



Mounting on wall  
with corner compensation



Mounting on wall  
with risen frame



Mounting on wall  
with risen frame and corner protection





## DOME: CALCULATIONS OF WALL DIMENSIONS

To calculate the internal and external dimensions of the wall or supporting curb of a fixed dome, it is necessary to add to the internal dimensions of the dome (indicated by A) the measurement of 6cm each side.

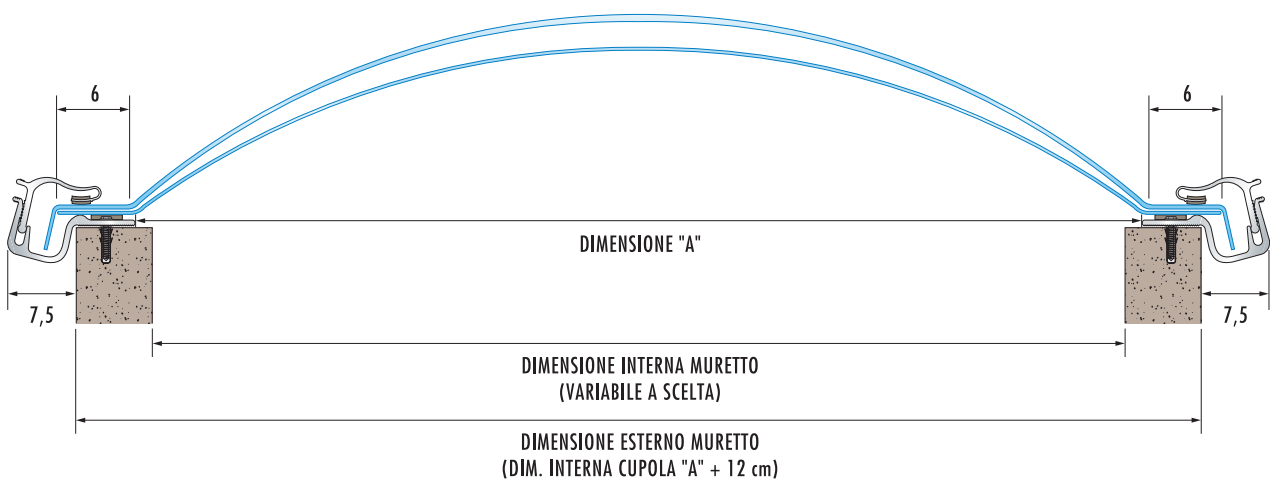
### EXAMPLE CALCULATION OF DIMENSIONS:

For a dome of 100x100cm and add 6+6cm for the dome support.

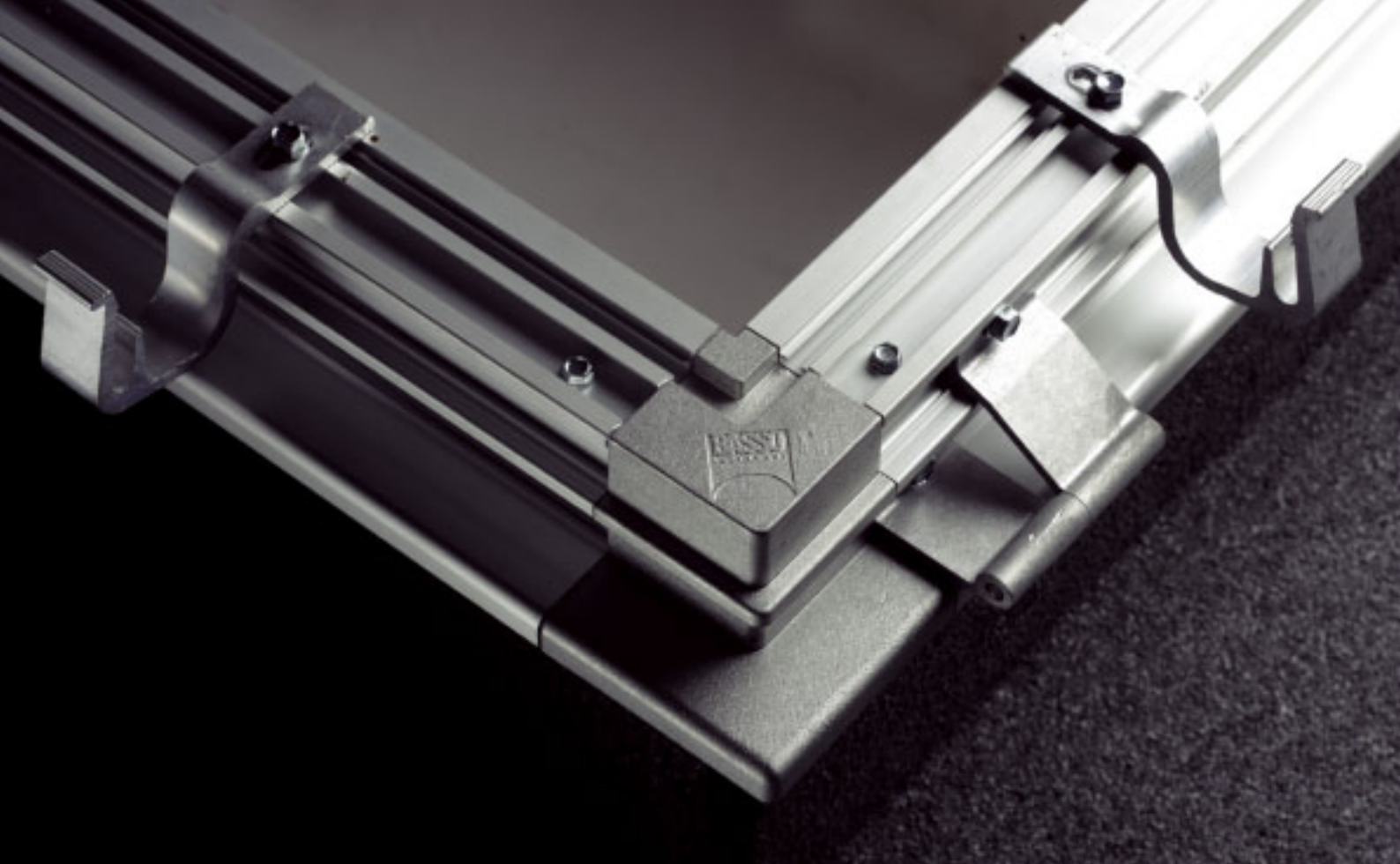
Example:  $100 + 6 + 6 = 112\text{cm}$  external dimensions of wall or curb.

The thickness of the wall must be at least 6cm and the maximum is of your choice  
(to be communicated when making the order)

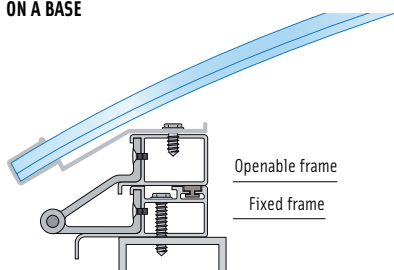
CUPOLA FISSA Dim. 100 x 100CM . CUPOLA APRIBILE Dim. 100 x 100CM



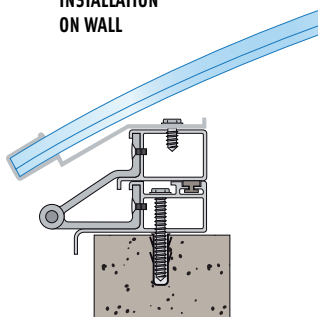




#### INSTALLATION ON A BASE

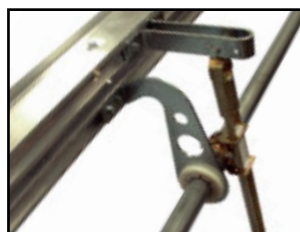


#### INSTALLATION ON WALL



#### SUPPORT BRACKETS

The particular support brackets designed by BASSO LUCERNARI, aside from offering an innovative design, guarantee a safer and more efficient method of mounting the opening mechanism to the openable frame.

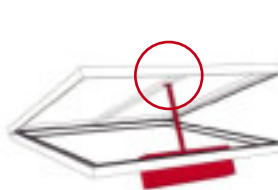


Detail: support bracket for rack and pinion opening



Detail: support bracket for shaft opening

#### ELECTRICAL DEVICE FOR CHAIN OPENING



Chain release point.





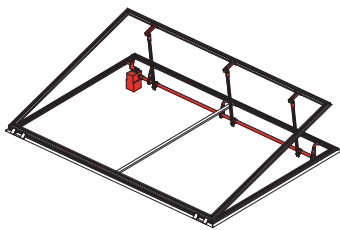
## OPENABLE FRAMES

The opening mechanisms for domes, consisting of frame and contra frame in sectioned natural aluminum UNI6060, come equipped with aluminum hinges with stainless steel pins and are sealed with EPDM rubber, ensuring perfect closure.

## DIMENSIONS . OPENING MECHANISM

### RACK AND PINION OPENING

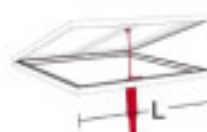
#### WITH MORE THRUST POINTS A



The rack and pinion opening mechanism, other than the standard measurements available, makes it possible to create made-to-measure frame, even in large sizes.

### ELECTRICAL

#### 1 THRUST POINT



#### TRAVEL 300

Square base: from 60cm to 150cm  
Rectangular base: from 60 x 90cm to 80 x 130cm

#### 2 THRUST POINTS

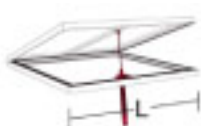


#### TRAVEL 350/550

Square base: from 130cm to 250cm  
Rectangular base: from 60 x 130cm to 160 x 300cm

### MANUAL

#### 1 THRUST POINT



#### TRAVEL 300

Square base: from 60cm to 150cm  
Rectangular base: from 60 x 90cm to 80 x 130cm

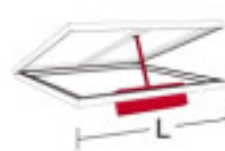
#### 2 THRUST POINTS



#### TRAVEL 300/500

Square base: from 130cm to 250cm  
Rectangular base: from 60 x 130cm to 160 x 280cm

### WITH CHAIN MOTOR



Square base: from 60cm to 90cm  
Rectangular base: from 60 x 90cm to 60 x 90cm

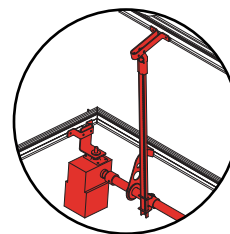
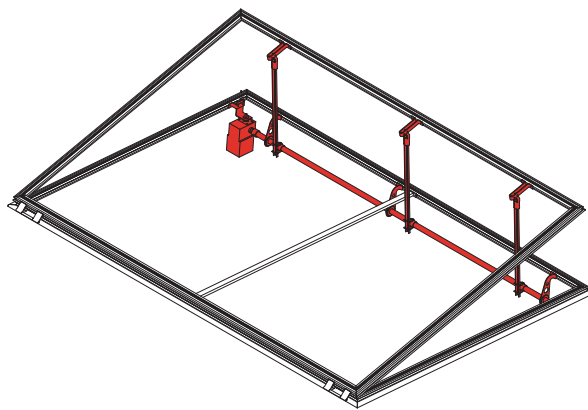
### AT A MAN'S PACE



Square base: from 60cm to 250cm  
Rectangular base: from 60 x 90cm to 160 x 280cm

## RACK AND PINION OPENING MECHANISM

The opening of the skylight, on its longer side, is controlled by an electric motor reducer working at 220Volt, equipped with integrated trip switches, galvanized steel transmission shaft (diameter 33mm), rotating supports on ball points, galvanized rack and pinion rods, and bronze gears.

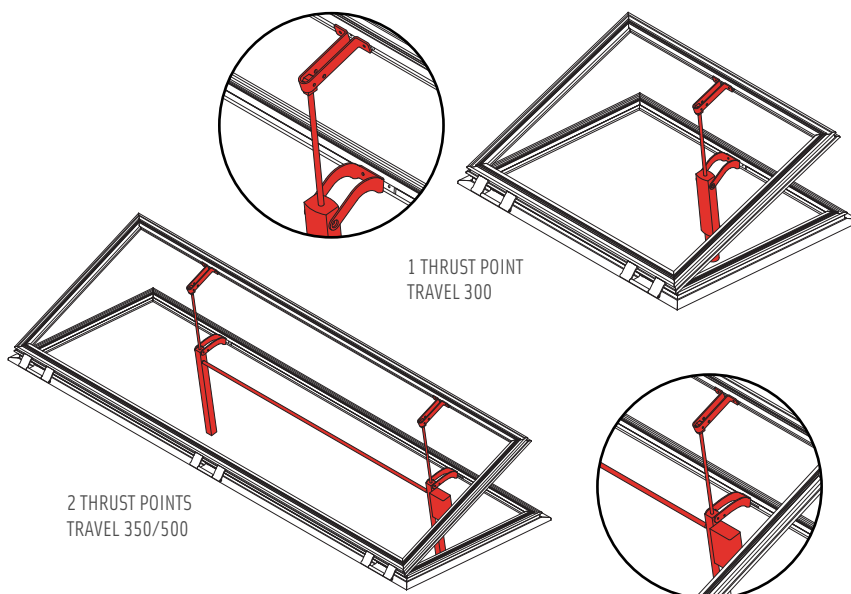


RACK AND PINION  
MECHANISM

## SHAFT OPERATED OPENING MECHANISM

The electric opening mechanism for dome ventilation consists of frame and contra-frame, both sectional and made from natural aluminum UNI6060. The frames are joined by means of aluminum hinges and stainless steel pins with EPDM rubber trimming inserted between the two frames to ensure perfect closure.

The domes are opened by means of an electric motor working at 220 V - IP55, and operating on one or more thrust points with 350/550 mm travel, with trip switch incorporated. The motor is connected to a rack and pinion by means of an aluminum transmission bar.

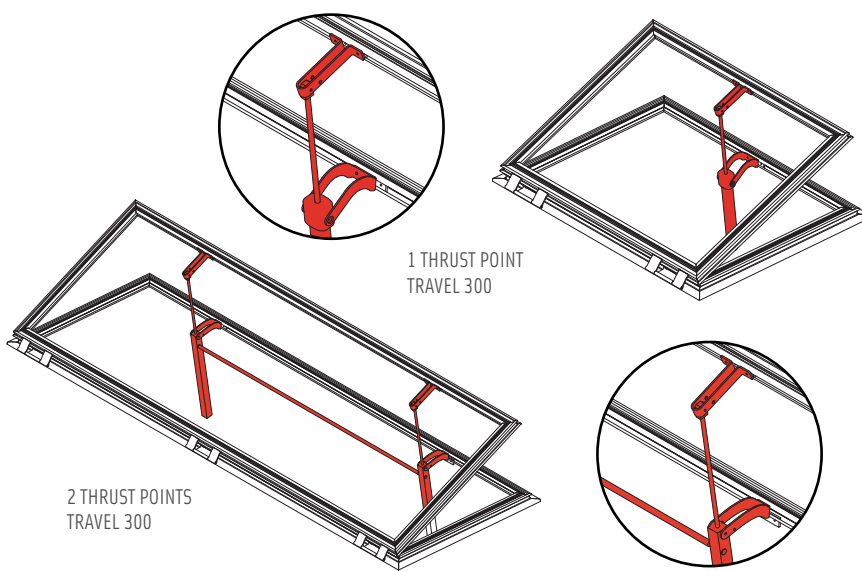


## MANUAL OPENING MECHANISM

The manual opening mechanism for dome ventilation consists of sectional frame and contra-frame made from natural aluminum UNI6060. The frames are joined by means of aluminum hinges and stainless steel pins with EPDM rubber trimming inserted between the two frames to ensure perfect closure.

The actuator for manual opening is operated by a portable rod - 200cm long. (Available on request) opening 300/500 mm. - working on one or more thrust points.

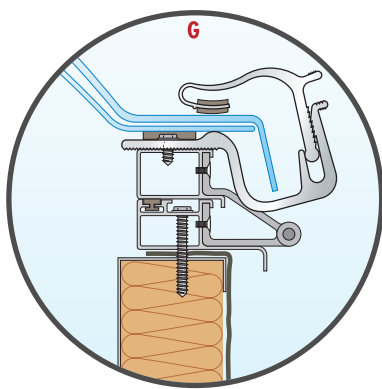
EXTENSION ROD  
FOR MANUAL OPENING



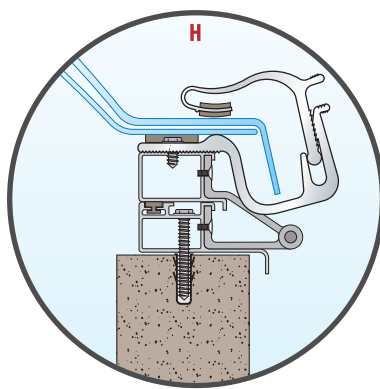




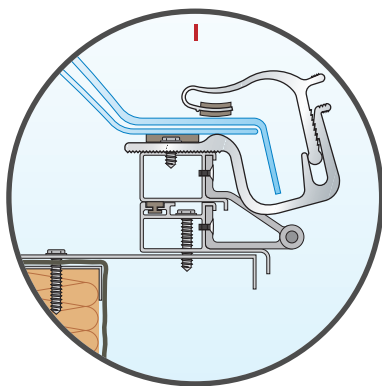
## SYSTEMS FOR FIXING DOMES ONTO AN OPENABLE FRAME



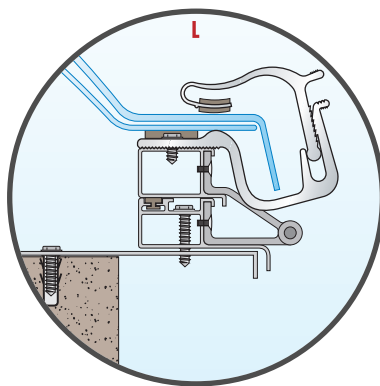
Standard fixing  
onto steel base



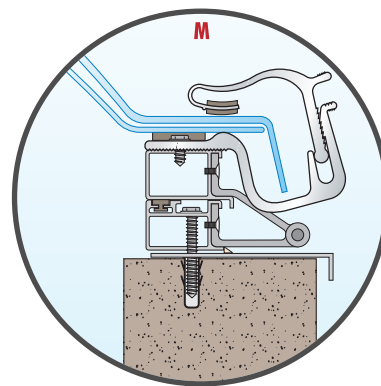
Standard fixing  
onto wall



Fixing onto steel base  
with compensation angle



Fixing onto wall  
with compensation angle



Fixing onto wall  
with protection angle





## OPENABLE FRAME: CALCULATING THE DIMENSIONS OF THE WALL

To calculate the internal and external dimensions of the wall or support curb for a fixed dome it is necessary to add to the internal dimensions of the dome (shown in A) the measurement of 6cm per side.

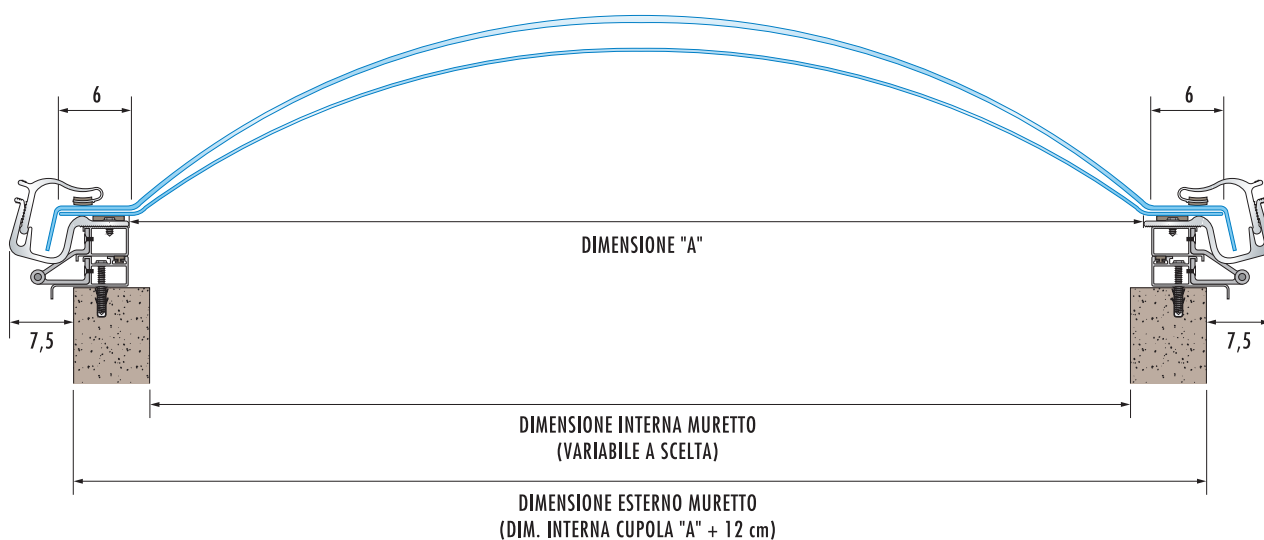
### EXAMPLE CALCULATION OF DIMENSIONS:

For a dome of size 100x100cm we add 6+6cm for the dome support.

E.g.  $100 + 6 + 6 = 112\text{cm}$  external dimensions of wall or curb.

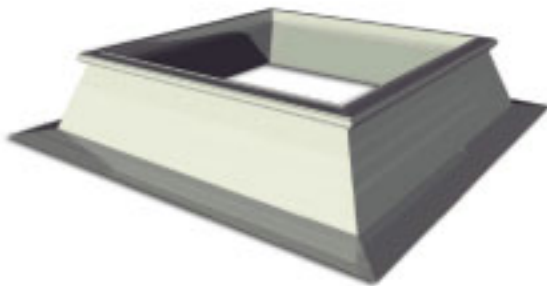
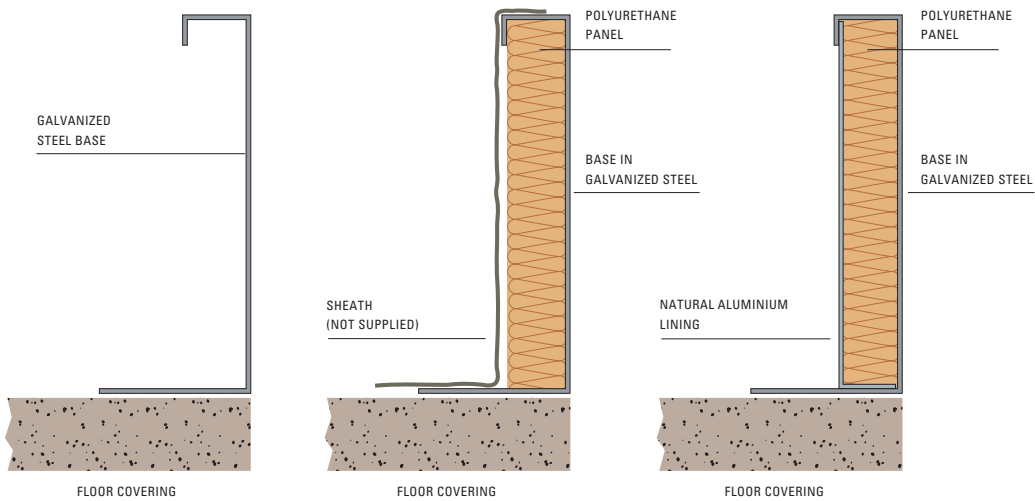
The thickness of the wall must be at least 6cm and the maximum is of your choice  
(to be communicated when making the order)

CUPOLA FISSA Dim. 100 x 100CM . CUPOLA APRIBILE Dim. 100 x 100CM



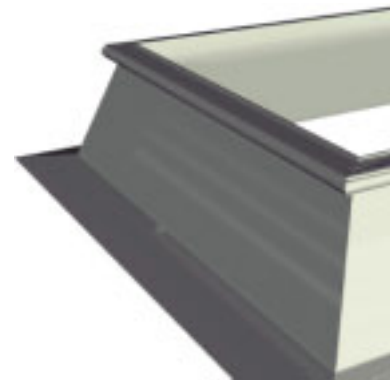
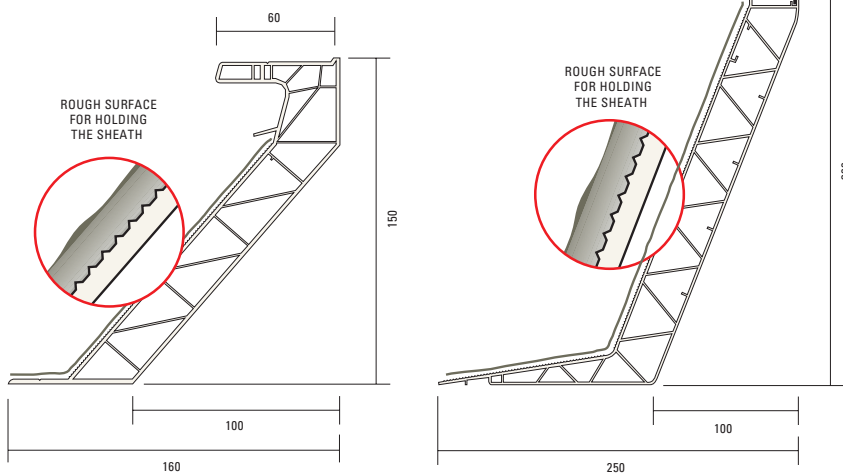
## GALVANIZED STEEL BASE

To guarantee suitable insulation the bases are fitted with expanded self-extinguishing polyurethane panels of 3-4cm thickness. They are easy and quick to assembly and position: each base is delivered complete with all metal fixing devices and come with positioning manual.



## PVC BASE

The shape of the base is reamed to allow better light diffusion. The metal bases, in galvanized sheet metal or other metals available on request, may have either vertical or reamed walls and can be shaped to guarantee a perfect anchoring and support base for the dome.





## A SUITABLE BASE FOR EVERY DOME

### BASES

(FOR THE DOME)

There are different bases available for every type of dome, differing in shape and material. The bases are chosen to ensure ease of installation and product performance. Basso Lucernari has a warehouse with a wide range of bases: in steel, PVC, rectangular and square based.

### BASES

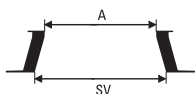
(FOR VENTILATION)

The metallic base for natural ventilation is made from extruded aluminum slats, available with lengths of 15 cm, 30 cm, and 45 cm. The particular shape of the slats enables adequate ventilation, preventing water penetration through the base.



## DIMENSIONI . BASAMENTI

### PVC



**H:15cm**  
**SV 10+10**

**H:30cm**  
**SV 10+10**

#### Square base:

A: from 60 cm to 200 cm

#### Square base:

A: from 60 cm to 200 cm

#### Rectangular base:

A: from 60x90 cm to 160x280 cm

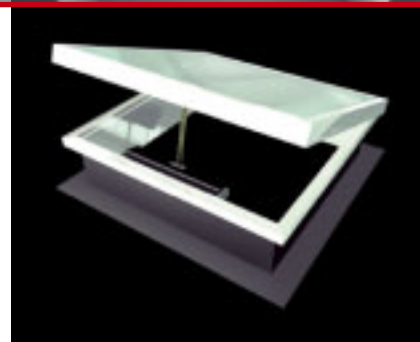
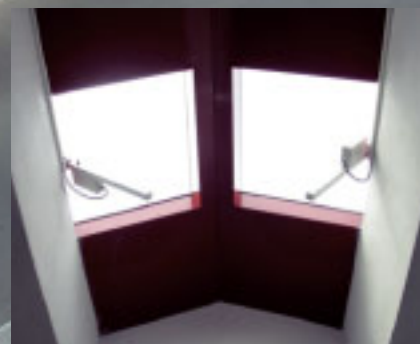
#### Rectangular base:

A: from 60x90 cm to 160x280 cm

### GALVANIZED STEEL



When choosing bases with galvanized sheet metal you can choose the dimensions.



# ACV

## SKYLIGHTS MADE TO MEASURE



Basso Lucernari presents ACV, a skylight of the latest generation for residential, commercial and industrial buildings. High-tech finishing, modern design and made-to-measure production make it possible to use the product in any architectural context.

It is a skylight with electronic, precision opening, delivered to measure. It consists of a varnished galvanized steel base, a frame and opening contra-frame made from extruded natural aluminum UNI6060, with aluminum hinges and stainless steel pins with EPDM rubber sealing.

With class cover, thickness 26 mm. (standard), it is fixed along the whole perimeter of the openable contra-frame.



## INSTALLATION

### A TEAM EFFORT TO ENSURE ACCURATE INSTALLATION

Basso Lucernari places a lot of attention on the most delicate stage of delivery: installation. They have many teams for mounting skylights working for them, men trained to carry out each stage of installation in keeping with the current regulations.

- INSTALLATION ON ROOF DECK
- INSTALLATION ON ROOFING WITH A "Y" BEAM
- INSTALLATION ON CURVED ROOFING
- INSTALLATION ON SLOPED SURFACE
- INSTALLATION ON THE ROOF TOP



## STAGES OF INSTALLATION

The sequence of photos show the various stages of installation of skylights onto the roof of an industrial warehouse: from the mounting of the frame to the roof, to the final sealing of the skylights.

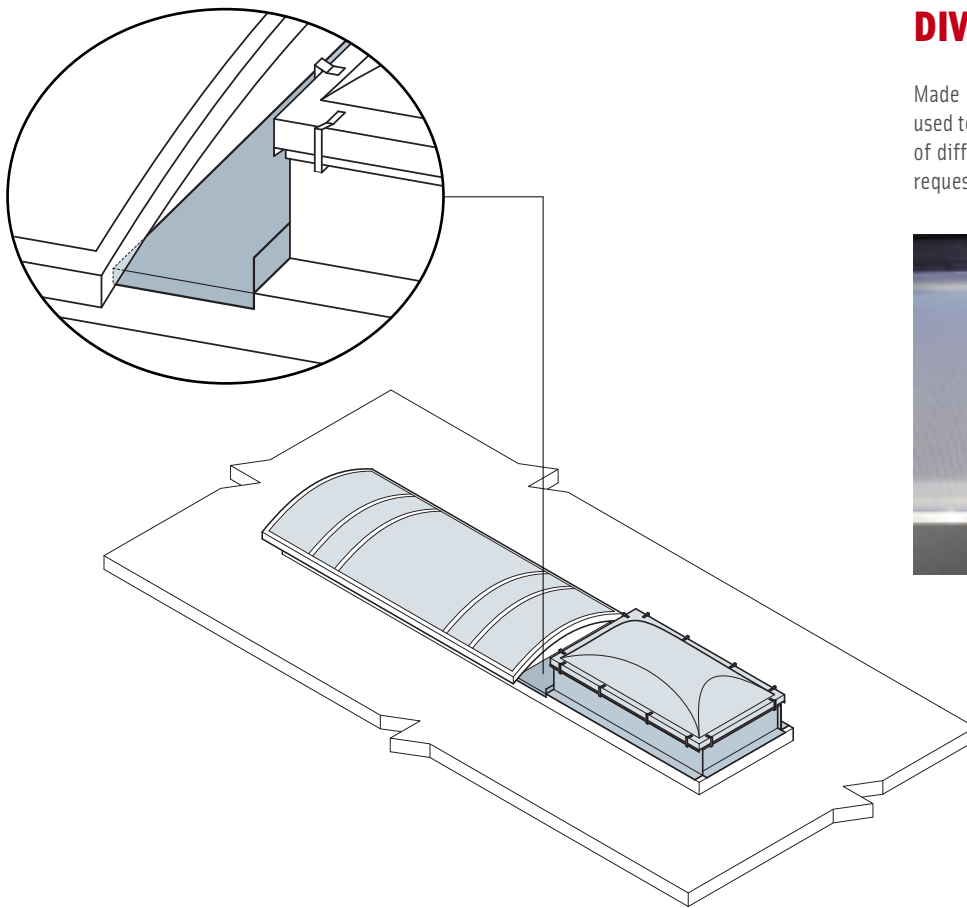


photo. 2



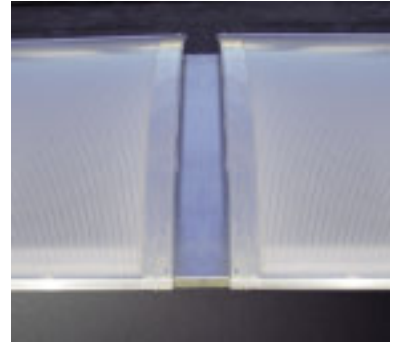
**Photo 1:** Lorry equipped with basket for safer and quicker access to the roofing.

**Photo 2:** Lorry equipped with tow and crane, with an arm of 27mt for raising the material.

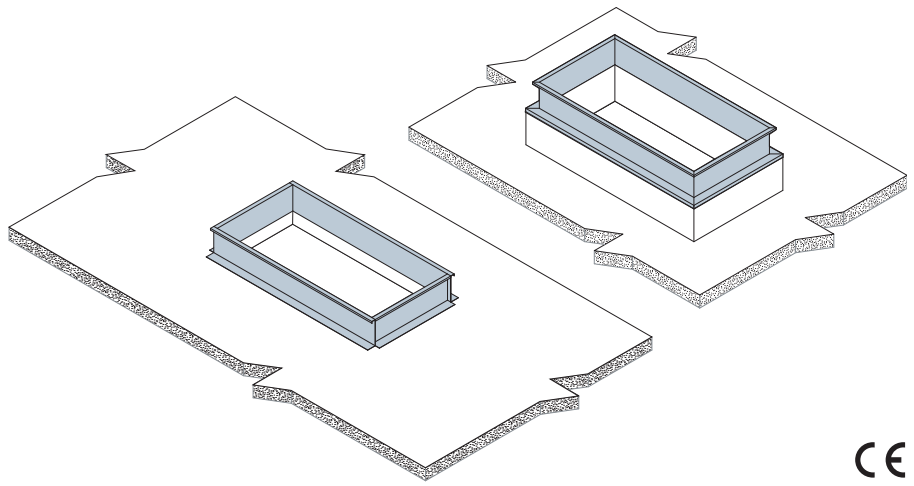


## **DIVISION CHANNEL**

Made from galvanized steel the channel is used to guarantee the separation of skylights of different styles. They can be insulated on request.

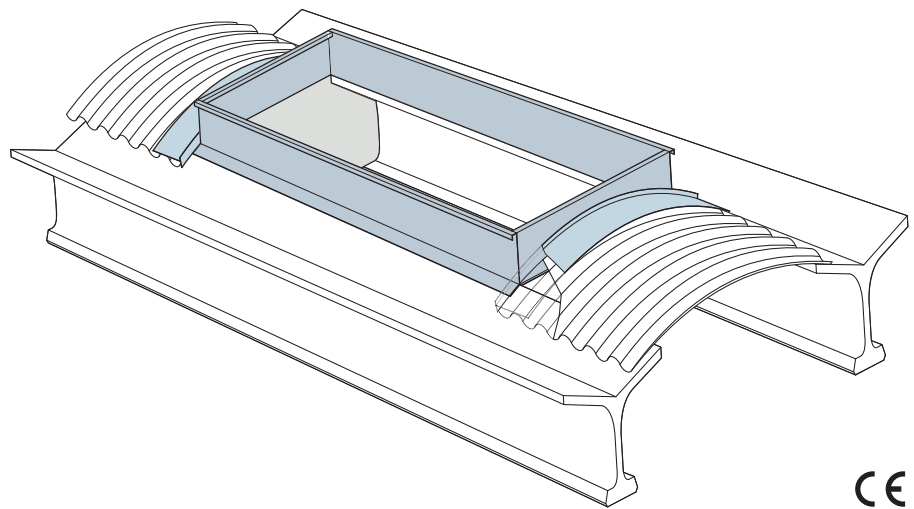
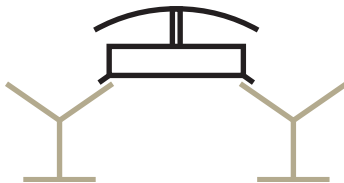


## INSTALLATION ON ROOF DECK



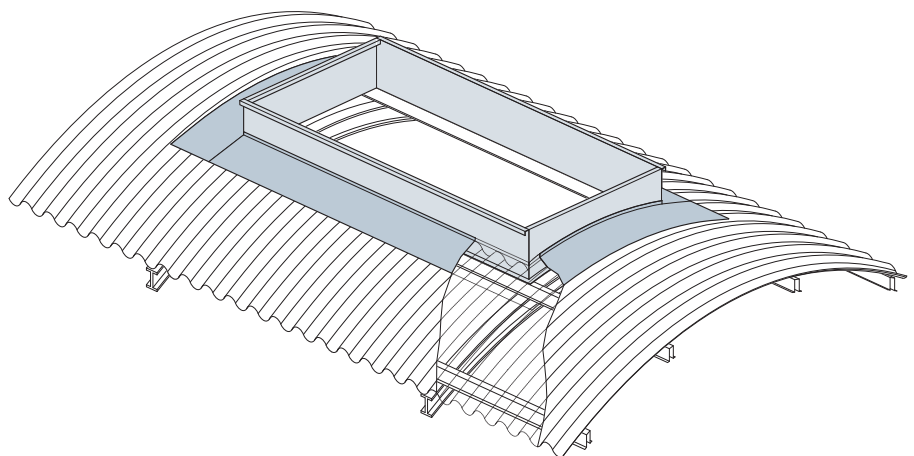
CE

## INSTALLATION ON ROOFING WITH "Y" SHAPED BEAMS

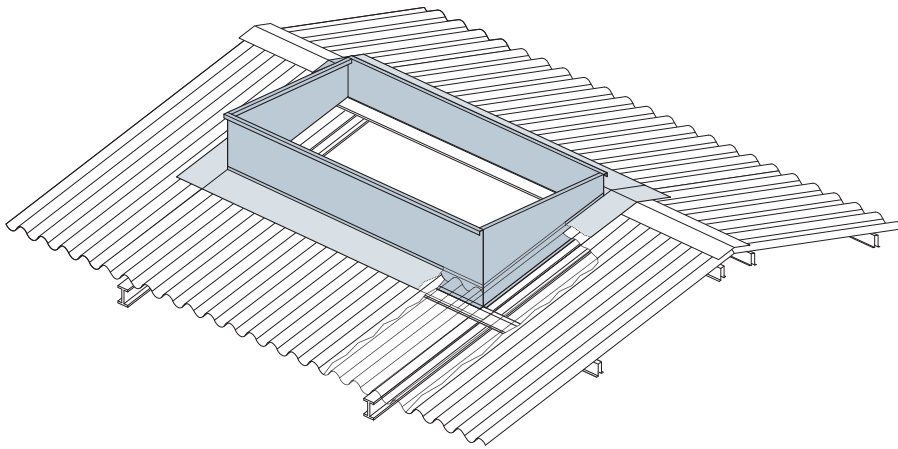


CE

## INSTALLATION ON CURVED ROOFING



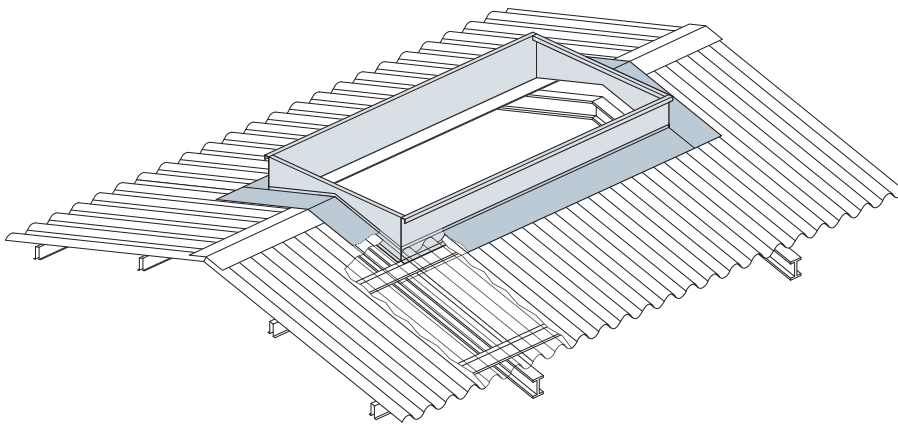
CE



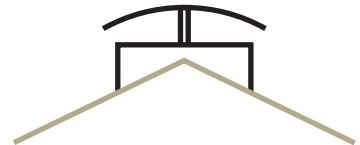
**INSTALLATION  
ON SLOPING ROOF  
NEAR TO ROOF TOP**



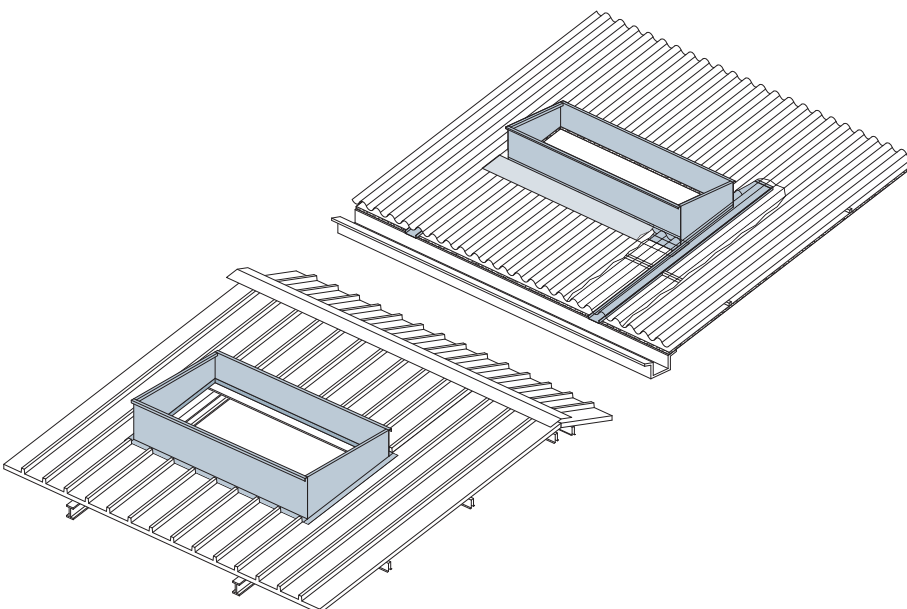
CE



**INSTALLATION  
ON ROOF TOP**



CE

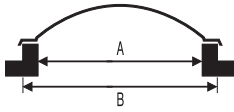





**INSTALLATION  
ON SLOPING ROOF**



CE







## DIMENSIONS . DOMES



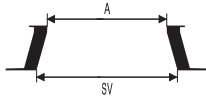
			SAIL DOME								PYRAMID DOMES						HEAT STOP		
																			
			ACRYLLIC (PMMA)				POLYCARBONATE				ACRYLLIC (PMMA)				POLYCARBONATE				
			AC	AC/AC	AC/AC/AC	PC	PC/PC	PC/AC	PC/AC/AC		AC	AC/AC	AC/AC/AC	PC	PC/PC		HT	HT/AC	HT/AC/AC
	CODE	DIMENSIONS A B	PS	PD	PT	PS	PD	PD	PT		PS	PD	PT	PS	PD		PS	PD	PT
SQUARE BASE	CQ40	40x40 52x52	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ50	50x50 62x62	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ60	60x60 72x72	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ70	70x70 82x82	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ75	75x75 87x87	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ80	80x80 92x92	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ90	90x90 102x102	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ100	100x100 112x112	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ120	120x120 132x132	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ130	130x130 142x142	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ140	140x140 152x152	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ150	150x150 162x162	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ160	160x160 172x172	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ180	180x180 192x192	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ200	200x200 212x212	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
RECTANGULAR BASE	CQ220	220x220 232x232	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ230	230x230 242x242	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CQ250	250x250 262x262	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR30x80	30x80 42x92	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR30x130	30x130 42x142	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR40x70	40x70 52x82	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR40x100	40x100 52x112	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR40x190	40x190 52x202	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR50x100	50x100 62x112	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR60x90	60x90 72x102	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR60x120	60x120 72x132	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR70x100	70x100 82x112	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR70x130	70x130 82x142	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR75x125	75x125 87x137	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR75x175	75x175 87x187	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR80x130	80x130 92x142	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR80x180	80x180 92x192	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR80x220	80x220 92x232	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR80x230	80x230 92x242	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR80x280	80x280 92x292	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR100x130	100x130 112x142	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR100x160	100x160 112x172	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR100x190	100x190 112x202	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR100x200	100x200 112x212	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR100x220	100x220 112x232	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR100x230	100x230 112x242	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR100x250	100x250 112x262	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR130x160	130x160 142x172	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR130x190	130x190 142x202	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR130x220	130x220 142x232	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR130x230	130x230 142x242	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR130x250	130x250 142x262	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CR130x280	130x280 142x292	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
CIRCULAR BASE	CC40	Ø 40 Ø 52	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CC60	Ø 60 Ø 72	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CC70	Ø 70 Ø 82	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CC80	Ø 80 Ø 92	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CC90	Ø 90 Ø 102	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CC100	Ø 100 Ø 112	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CC130	Ø 130 Ø 142	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CC160	Ø 160 Ø 172	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CC180	Ø 180 Ø 192	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CC200	Ø 200 Ø 212	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CC220	Ø 220 Ø 232	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CC230	Ø 230 Ø 242	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•
	CC250	Ø 250 Ø 262	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•



## DIMENSIONS . OPENABLE FRAME

		ELECTRICAL		WITH CHAIN MOTOR	MANUAL		AT A MAN'S PACE
							
		1 THRUST POINT	2 THRUST POINTS		1 THRUST POINT	2 THRUST POINTS	
DIMENSIONS		TRAVEL 300	TRAVEL 350 /550		TRAVEL 300	TRAVEL 350/500	
A							
SQUARE BASE	40x40	•		•	•		•
	50x50	•		•	•		•
	60x60	•		•	•		•
	70x70	•		•	•		•
	75x75	•		•	•		•
	80x80	•		•	•		•
	90x90	•		•	•		•
	100x100	•			•		•
	120x120	•			•		•
	130x130	•	•		•	•	•
	140x140	•	•		•	•	•
	150x150	•	•		•	•	•
	160x160		•			•	•
	180x180		•			•	•
	200x200		•			•	•
	220x220		•			•	•
	230x230		•			•	•
	250x250		•			•	•
RECTANGULAR BASE	30x80	•		•	•		•
	30x130	•		•	•		•
	40x70	•		•	•		•
	40x100	•		•	•		•
	40x190	•		•	•		•
	50x100	•		•	•		•
	60x90	•		•	•		•
	60x120	•			•		•
	70x100	•	•		•		•
	70x130	•	•		•	•	•
	75x125	•	•		•	•	•
	75x175		•			•	•
	80x130	•	•		•	•	•
	80x180		•			•	•
	80x220		•			•	•
	80x230		•			•	•
	80x280		•			•	•
	100x130		•			•	•
	100x160		•			•	•
	100x190		•			•	•
	100x200		•			•	•
	100x220		•			•	•
	100x230		•			•	•
	100x250		•			•	•
	130x160		•			•	•
	130x190		•			•	•
	130x220		•			•	•
	130x230		•			•	•
	130x250		•			•	•
	130x280		•			•	•
	160x190		•			•	•
	160x220		•			•	•
	160x230		•			•	•
	160x250		•			•	•
	160x280		•			•	•
CIRCULAR BASE	Ø 40						•
	Ø 60	•			•		•
	Ø 70	•			•		•
	Ø 80	•			•		•
	Ø 90	•			•		•
	Ø 100	•			•		•
	Ø 130	•	•		•	•	•
	Ø 160		•			•	•
	Ø 180		•			•	•
	Ø 200		•			•	•
	Ø 220		•			•	•
	Ø 230		•			•	•
	Ø 250		•			•	•

## DIMENSIONS. BASE



		GALVANIZED STEEL		GALVANIZED STEEL		GALVANIZED STEEL	
			H:15 CM	H:30 CM		H:15 CM	H:30 CM
DIMENSIONS			SV	SV		SV	SV
A			10 + 10	10 + 10		12,5 + 12,5	10 + 10
SQUARE BASE	40x40	•	• 60x60	• 60x60	•	• 65x65	• 60x60
	50x50	•	• 70x70	• 70x70	•	• 75x75	
	60x60	•	• 80x80	• 80x80	•	• 85x85	• 80x80
	70x70	•	• 90x90	• 90x90	•	• 95x95	• 90x90
	75x75	•	• 95x95	• 95x95	•	• 100x100	
	80x80	•	• 100x100	• 100x100	•	• 105x105	• 100x100
	90x90	•	• 110x110	• 110x110	•	• 115x115	• 110x110
	100x100	•	• 120x120	• 120x120	•	• 125x125	• 120x120
	120x120	•	• 140x140	• 140x140	•	• 145x145	• 140x140
	130x130	•	• 150x150	• 150x150	•	• 155x155	• 150x150
	140x140	•	• 160x160	• 160x160	•	• 165x165	
	150x150	•	• 170x170	• 170x170	•	• 175x175	
	160x160	•	• 180x180	• 180x180	•	• 185x185	• 180x180
	180x180	•	• 200x200	• 200x200	•	• 205x205	• 200x200
	200x200	•	• 220x220	• 220x220	•	• 225x225	• 220x220
RECTANGULAR BASE	220x220	•			•	• 245x245	
	230x230	•					
	250x250	•					
	30x80	•					• 50x100
	30x130	•					• 50x150
	40x70	•	• 60x90	• 60x90	•	• 65x95	• 60x90
	40x100	•	• 60x120	• 60x120	•	• 65x125	• 60x120
	40x190	•	• 60x210	• 60x210	•	• 65x215	
	50x100	•	• 70x120	• 70x120	•	• 75x125	
	60x90	•	• 80x110	• 80x110	•	• 85x115	
	60x120	•	• 80x140	• 80x140			
	70x100	•	• 90x120	• 90x120	•	• 95x125	• 90x120
	70x130	•	• 90x150	• 90x150	•	• 95x155	
	75x125	•	• 95x145	• 95x145	•	• 100x150	
	75x175	•	• 95x195	• 95x195	•	• 100x200	
	80x130	•	• 100x150	• 100x150	•	• 105x155	• 100x150
	80x180	•	• 100x200	• 100x200			• 100x200
	80x220	•	• 100x240	• 100x240	•	• 105x245	• 100x240
	80x230	•	• 100x250	• 100x250			• 100x250
	80x280	•	• 100x300	• 100x300			• 100x300
	100x130	•	• 120x150	• 120x150	•	• 125x155	• 120x150
	100x160	•	• 120x180	• 120x180	•	• 125x185	• 120x180
	100x190	•	• 120x210	• 120x210	•	• 125x215	• 120x210
	100x200	•	• 120x220	• 120x220	•	• 125x225	• 120x220
	100x220	•	• 120x240	• 120x240	•	• 125x245	• 120x240
	100x230	•	• 120x250	• 120x250			• 120x250
	100x250	•	• 120x270	• 120x270	•	• 125x275	• 120x270
	130x160	•	• 150x180	• 150x180	•	• 155x185	• 150x180
	130x190	•	• 150x210	• 150x210	•	• 155x215	• 150x210
	130x220	•	• 150x240	• 150x240	•	• 155x245	• 150x240
	130x230	•	• 150x250	• 150x250			• 150x250
	130x250	•	• 150x270	• 150x270	•	• 155x275	• 150x270
	130x280	•	• 150x300	• 150x300			• 150x300
	160x190	•	• 180x210	• 180x210	•	• 185x215	
	160x220	•	• 180x240	• 180x240	•	• 185x245	• 180x240
	160x230	•	• 180x250	• 180x250			• 180x250
	160x250	•	• 180x270	• 180x270	•	• 185x275	• 180x270
	160x280	•	• 180x300	• 180x300	•	• 185x305	• 180x300
CIRCULAR BASE	Ø 40				•	• 65	• 60
	Ø 60				•	• 85	• 80
	Ø 70				•	• 95	• 90
	Ø 80				•	• 105	• 100
	Ø 90				•	• 115	
	Ø 100				•	• 125	• 120
	Ø 130				•	• 155	• 150
	Ø 160				•	• 185	• 180
	Ø 180				•	• 205	• 200
	Ø 200				•	• 225	• 220
	Ø 220						
	Ø 230						
	Ø 250						



**BASSO**  
L U C E R N A R I

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