

minimu **M** AXIMUM
COLLECTION



M

minimu **M** **AXIMUM**
SIZE DOES MATTER



minimu **M** AXIMUM

SIZE DOES MATTER

D

LAM32 (*ideas becoming light*)

Lam32 is a reality at the service of project designers all over the world, ready to listen to and elevate the creativity of those wishing to express their own ideas; a dimension in which desires for light no longer have construction limits.

Our passion and approach to project design allow us always to propose new perspectives for our clients, developing unique luminaires and solutions for high level projects.

Geometry (*from the Ancient Greek: γεωμετρία; geo-"earth", -metron "measurement"*)

is a branch of mathematics concerned with questions of shape, size, relative position of figures, and the properties of space.

Size (*sàif*)

the relative extent of something; a thing's overall dimensions or magnitude; how big something is.

Design (*dí'zàin*)

(as a verb: to design) is the intentional creation of a plan or specification for the construction of an object or system or for the implementation of an activity or process.

(as a noun: a design) can refer to such a plan or specification (e.g. a drawing or other document) or to the created object, etc., and features of it such as aesthetic, functional, socio-political.

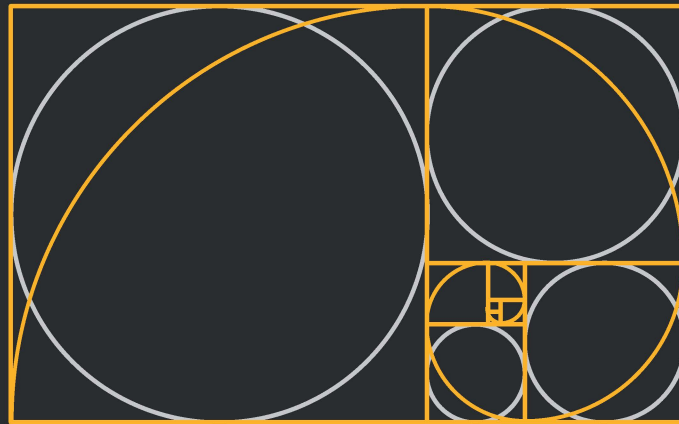
LAM32

IDEASBECOMINGLIGHT

SIZE DOES MATTER



All the secrets of the magical *Golden Ratio*

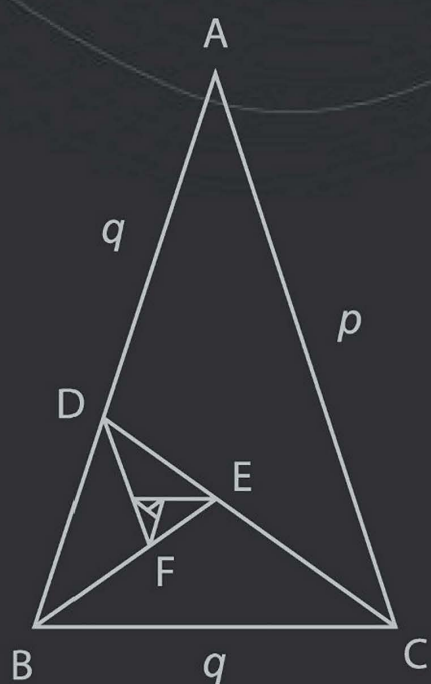


golden section

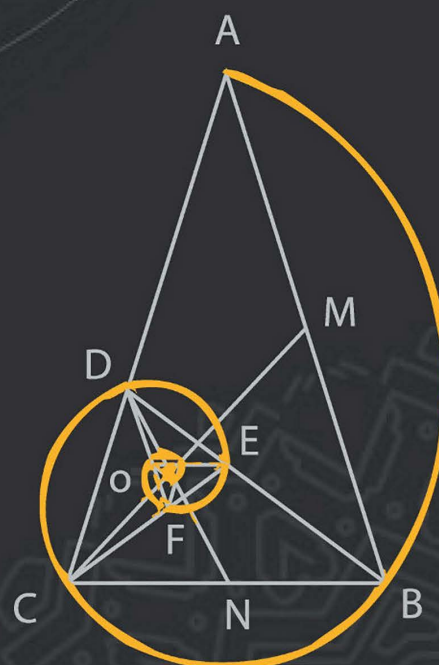
Golden Ratio or *Golden Proportion* is usually denoted by the Greek letter “*Phi*” (ϕ), in lower case, which represents an irrational number, 1.6180339887 approximately. Because of its unique and mystifying properties, many researchers and mathematicians have been studied about the *Golden Ratio* which is also known as *Golden Section*. Renaissance architects, artists and designers also studied on this interesting topic, documented and employed the *Golden Section* proportions in eminent works of artifacts, sculptures.

The *Golden Proportion* is considered as the most pleasing to human visual sensation and not limited to aesthetic beauty but also be found its existence in natural world through the body proportions of living beings, the growth patterns of many plants, insects and also in the model of enigmatic universe.

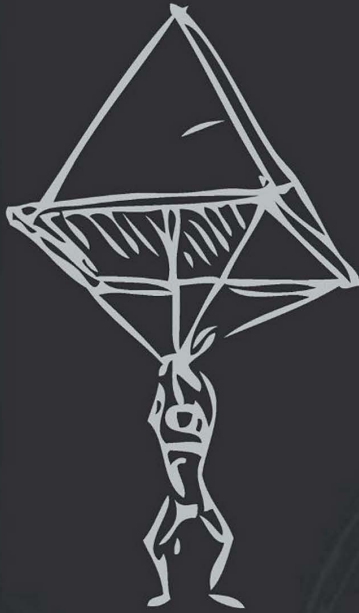
The properties of *Golden Section* can be instituted in the pattern of mathematical series and geometrical patterns.



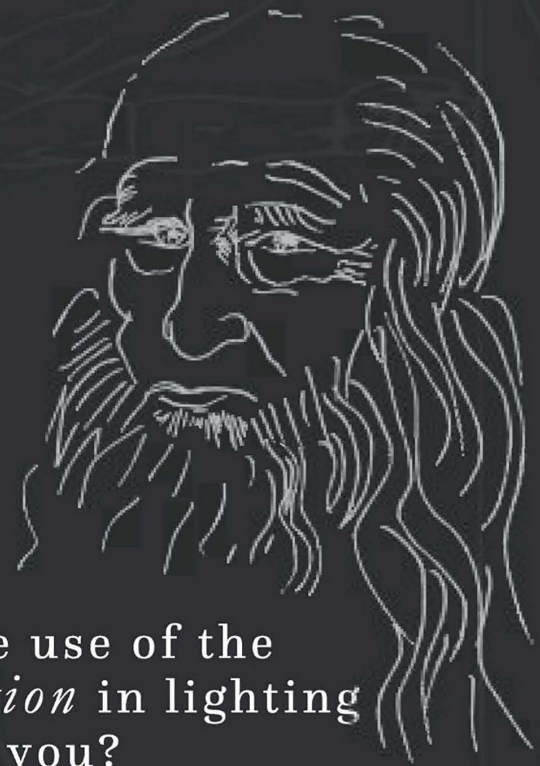
(a)



(b)



*Paracadute,
L. Da Vinci*



Why can the use of the *Golden Section* in lighting design help you?

“Phi” has been used to emit beauty, to make balance and harmony to some of the world's greatest art and architecture. From **Leonardo da Vinci** to **Salvador Dali**, many artists and architects have proportioned their works to approximate the Golden Ratio, especially in the form of the Golden Rectangle. The Ratio is manifested in various works of art that have been lauded by the world as masterpieces.



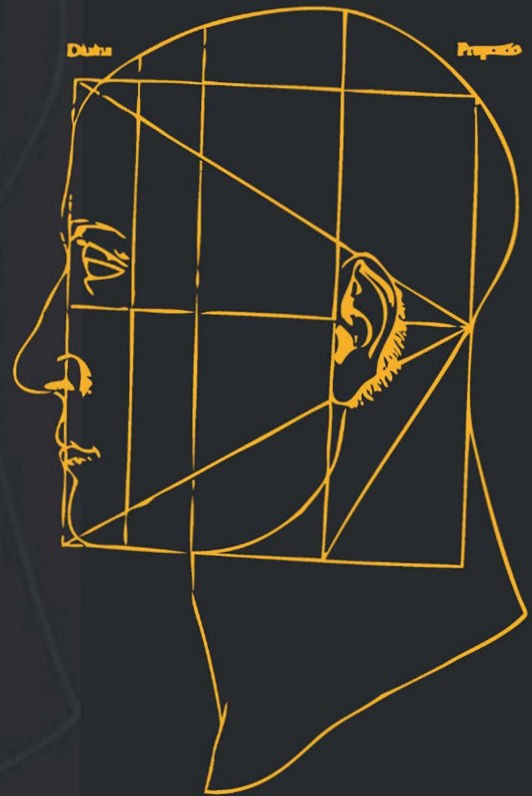
S. Dalì

“Geometrical Substantiation of Phi, the Golden Ratio and the Baroque of Nature, Architecture, Design and Engineering”

Md. Akhtaruzzaman, Amir A. Shafie

International Islamic University Malaysia, Kuala Lumpur

Why not use the **Luca Pacioli** and **Leonardo Da Vinci's** *Golden Ratio* in lighting design as well?



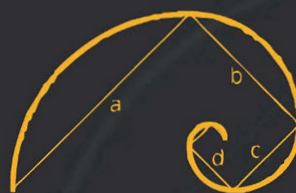
De Divina Proportione,
L. Pacioli



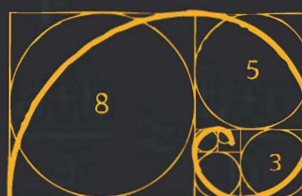
Why are the **Fibonacci** sequence and his visual proportions important in lighting projects?



Fibonacci:
1, 1, 2, 3, 5, 8, 13, 21, ...



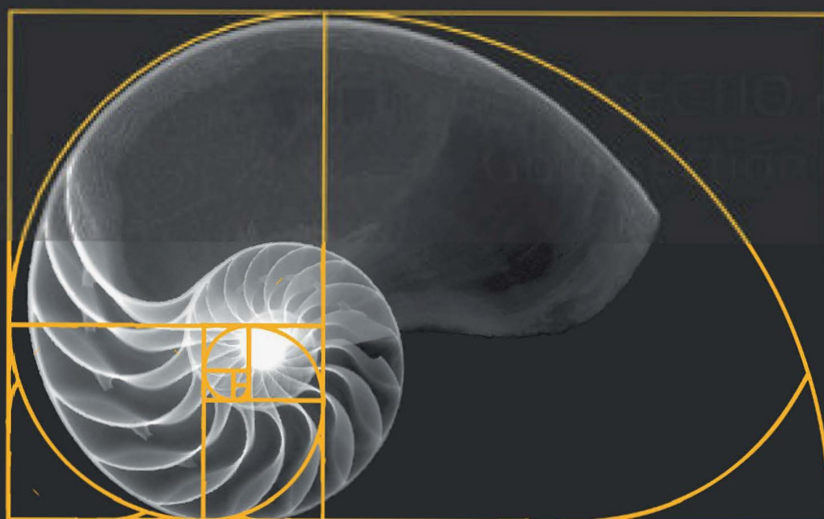
$$\frac{a+b}{a} \approx \frac{b+c}{b} \approx \frac{c+d}{c} \approx 1,618$$

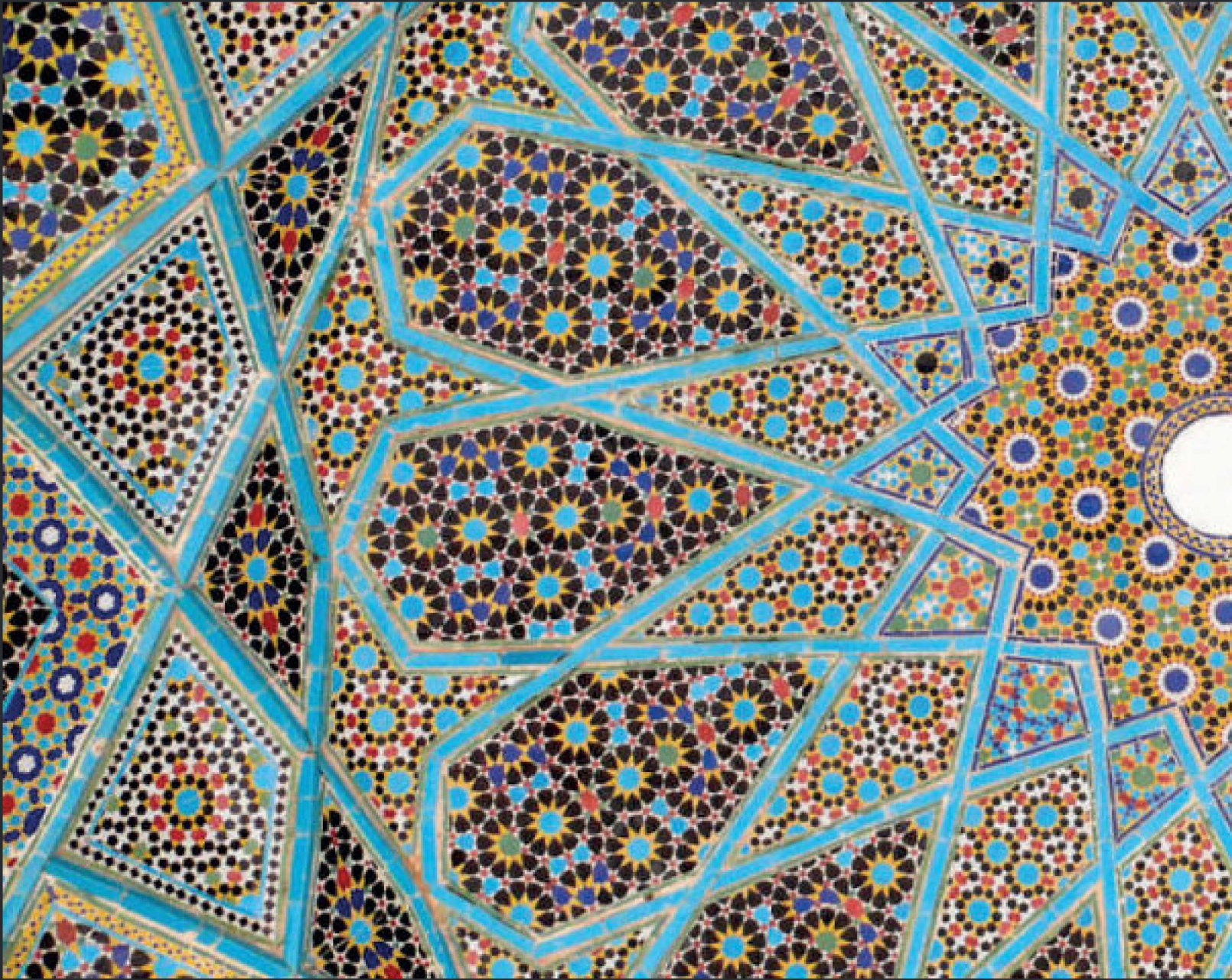


SECTIO AUREA
Gold section proportion

Golden section preferences are considered as an important part of human beauty and aesthetics as well as a part of the remarkable proportions of growth patterns in living things such as plants and animals [1-4,13,15,18]. Many flowers have the arrangement in petals that are to the **Fibonacci numbers**. Some display single or double petals.

. Alcuni mostrano petali singoli o doppi





Perception and the *Golden Ratio* use are a crucial issue in lighting design



Why not use **Escher**
visual perception in
lighting projects?



Peel,
M.C. Escher



Impossible cube,
M.C. Escher

Golden Section and the Beauty of Nature

In 12th century, the **Leonardo Fibonacci** questioned about the population growth of the rabbits under ideal circumstances, such as no predators to eat them or no dearth of food and water that would affect the growth rate.

The answer of the question is the **Fibonacci Sequence of Numbers**, also known as **Fibonacci Numbers** that starts from 1 and each new number of the series is simply the sum of the previous two numbers.

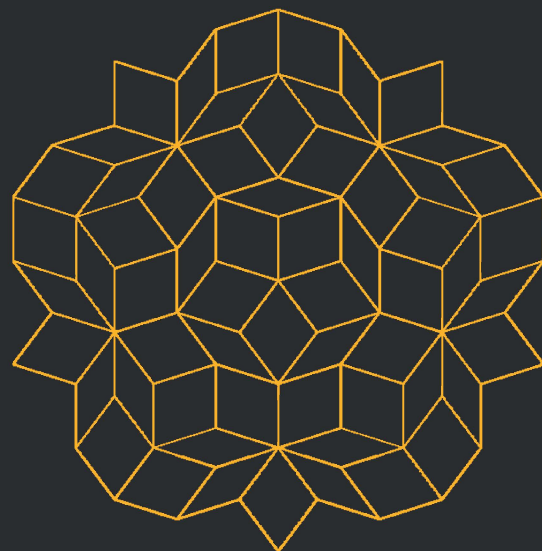
So the second number of the series is also 1, the sum of the previous 1 and 0 of the series. The sequence of the number looks like the series below.

0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987, 1597, 2584, etc...

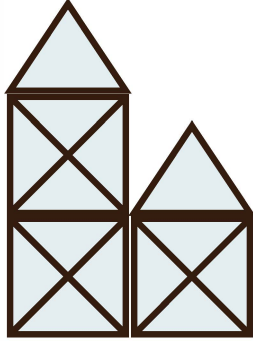
Fibonacci Numbers are said as one of the Nature's numbering systems because of its existence not only in the population growth of rabbits, but also everywhere in Nature, from the leaf arrangements in plants to the structures in outer space.



All the secrets of magical
Golden Section from **Leonardo**
da Vinci to **Roger Penrose**



A Penrose tiling is a non-periodic tiling generated by an aperiodic set of prototiles named after **Sir Roger Penrose**. A Penrose tiling may be constructed to exhibit both reflection symmetry and five-fold rotational symmetry. The first Penrose tiling, called P1, is an aperiodic set of six tiles, introduced by Roger Penrose in 1974 which was based on pentagons rather than squares.

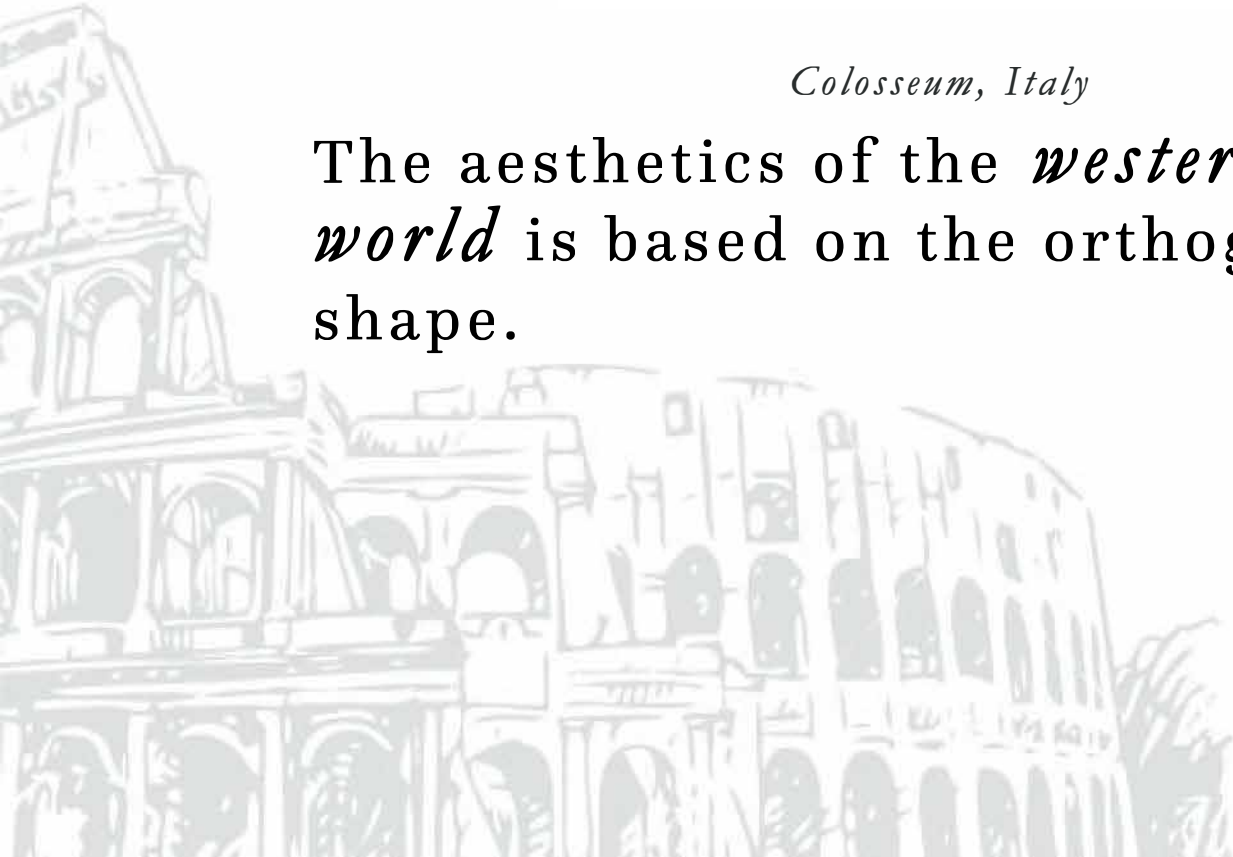


Parthenon, Greece

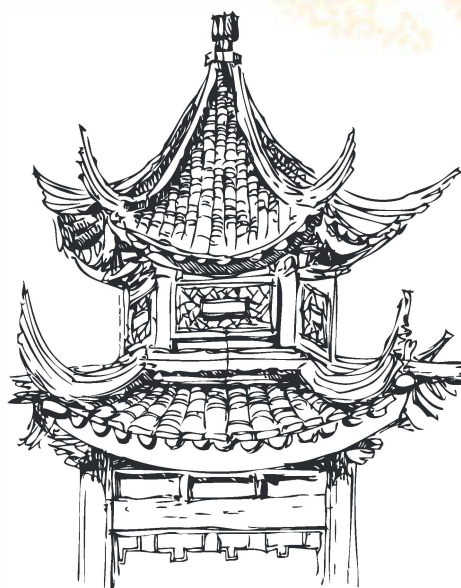
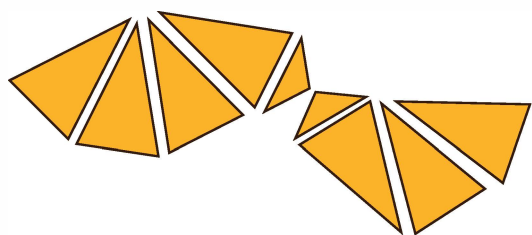


Colosseum, Italy

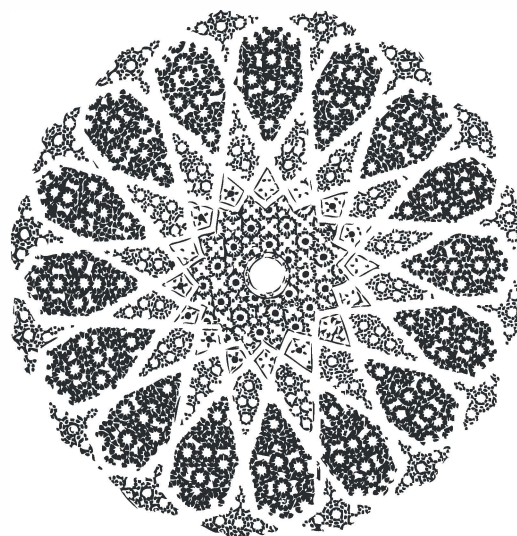
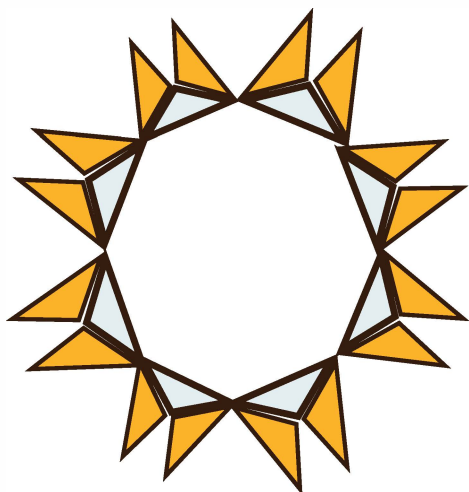
The aesthetics of the *western world* is based on the orthogonal shape.



The aesthetics of the *eastern* and *middle-eastern world* is based on the logarithmic shape.



Pagoda of YakuShiji, Japan



*Bibi-Khanym Mosque,
Samarkand - Uzbekistan*



SIZE *does* matter

Koolhaas establishes five "theorems of greatness"

1. Division and uniqueness

Beyond a certain critical mass, a building becomes a Big Building. Such a mass can no longer be controlled by a single architectural gesture, or even by any combination of architectural gestures. This impossibility triggers the autonomy of its parts, but that is not the same as fragmentation: the parts remain committed to the whole.

2. The elevator

With its potential to establish mechanical rather than architectural connections-and its family of related inventions render null and void the classical repertoire of architecture. Issues of composition, scale, proportion, detail are now moot. The "art" of architecture is useless in Bigness.

3. Internal and External

In Bigness, the distance between core and envelope increases to the point where the facade can no longer reveal what happens inside. The humanist expectation of "honesty" is doomed: interior and exterior architectures become separate projects, one dealing with the instability of programmatic and iconographic needs, the other - agent of disinformation - offering the city the apparent stability of an object. Where architecture reveals, Bigness perplexes; Bigness transforms the city from a summation of certainties into an accumulation of mysteries. What you see is no longer what you get.

4. Size does matter!

Through size alone,-such buildings enter an amoral domain, beyond good or bad. Their impact is independent of their quality.

5. Coexistence

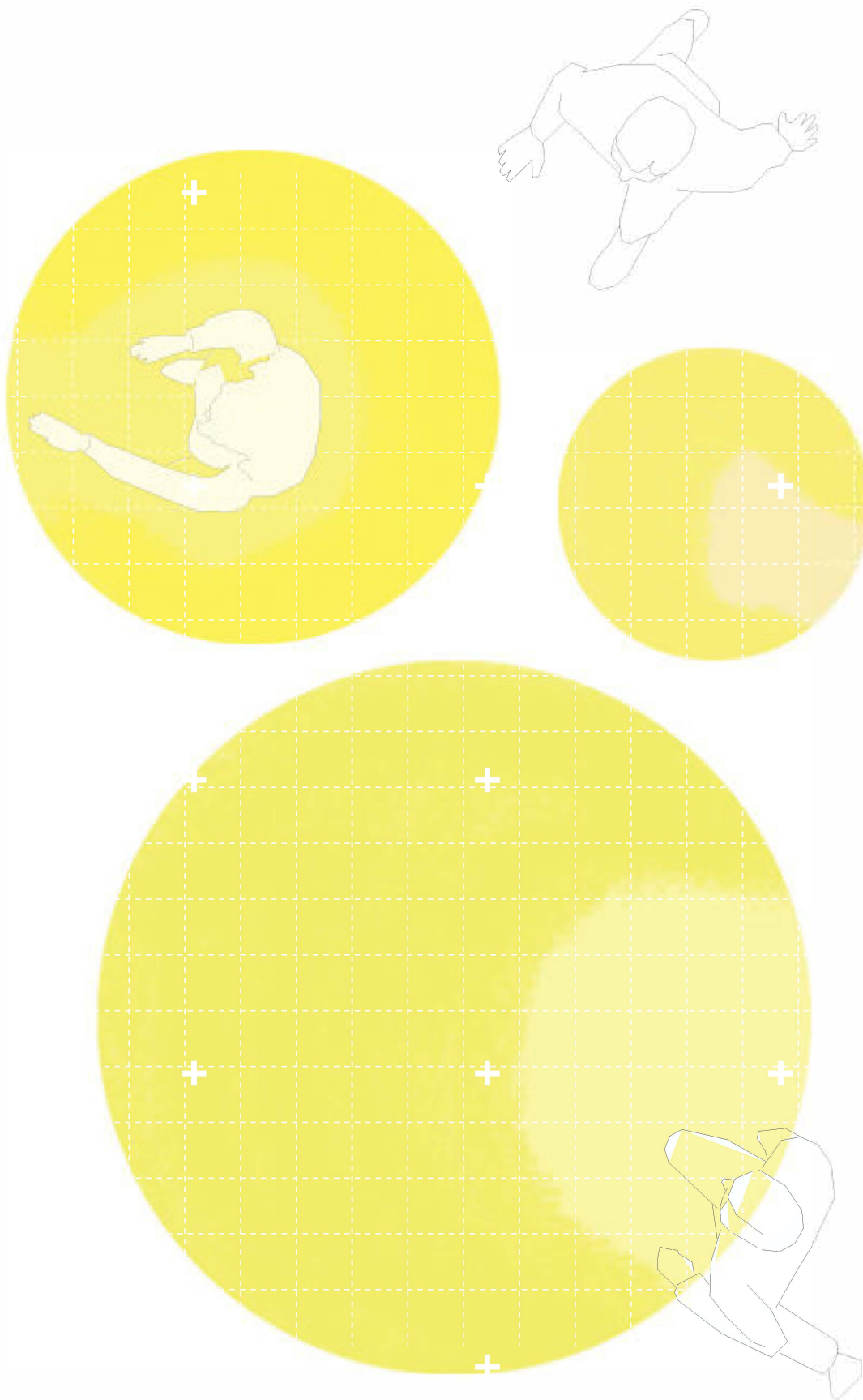
Together, all these breaks - with scale, with architectural composition, with tradition, with transparency, with ethics - imply the final, most radical break: Bigness is no longer part of any urban tissue. It exists; at most, it coexists.

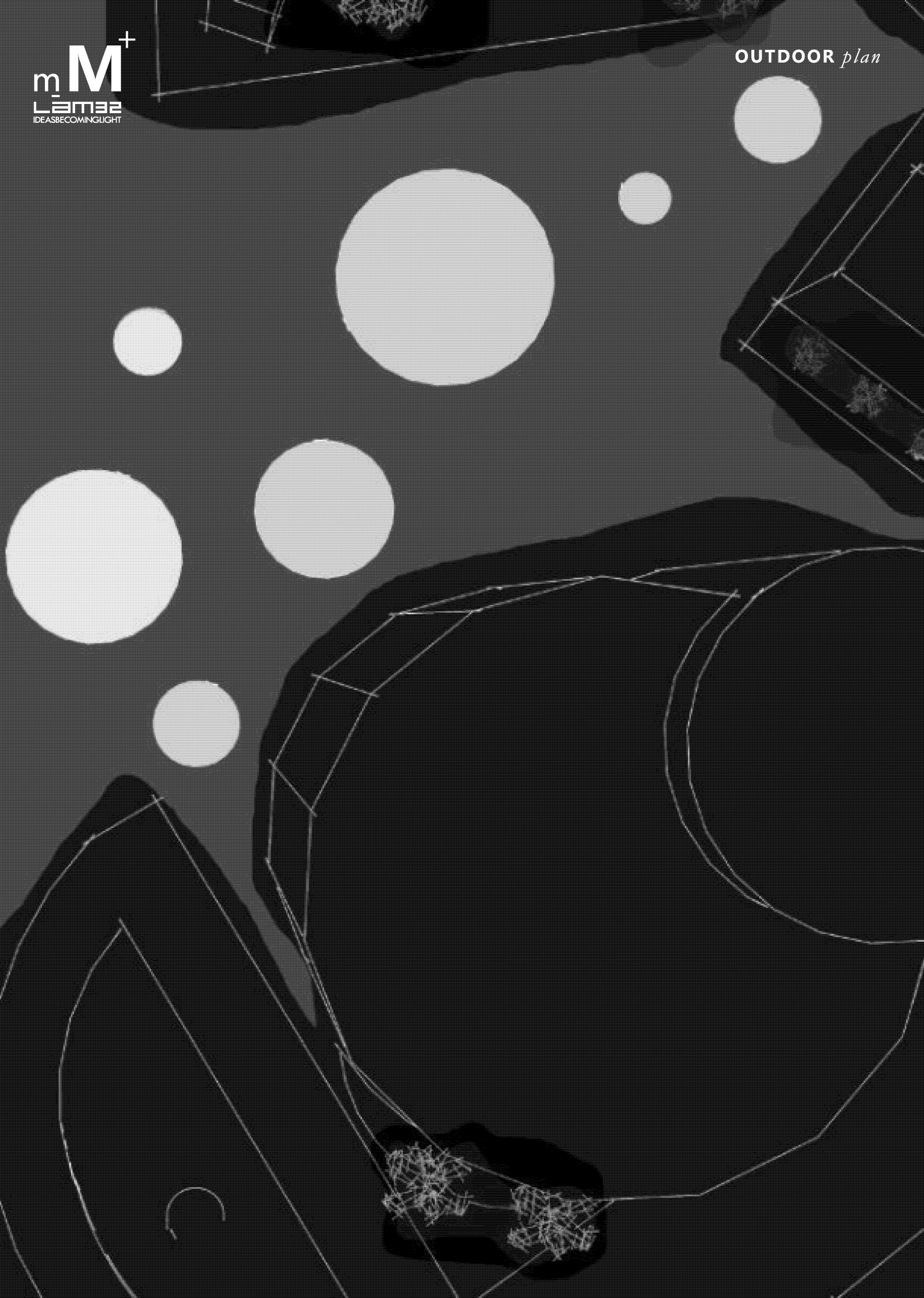
Architecture is the sublimation of the necessities of life: it is art that defines
time in space.



“A circle, which I use recently so often, could not be called otherwise but romantic. And the present day romanticism is essentially deeper, more beautiful, more substantial and more salutary, it is a piece of ice, in which fire is burning.”

(*Wassily Kandinsky*)







Luminaire designed for flush installation on floors in outdoors and indoors areas. Suitable for power LED sources. Its body is made of stainless steel and aluminum submitted to anodizing treatment up to 18 micron. Front diffuser in extra clear tempered glass, subjected to a specific anti-stain sandblasting treatment, is integral to the body through a special glue-sealant used in shipbuilding. The snap-in installation of the devices is allowed through the mounting of stainless steel casing. It has anti-vandal stainless steel springs that make the device particularly suitable for installation in public and private areas. The device is removable via dedicated disassembly key to be ordered separately. The luminaire is available in IP67 230Vac DALI dimmable and IP68 24Vdc. It is equipped with 0,5m long neoprene cable for connection to the power supply line, through appropriate waterproof connection systems not included.



C1 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103817	LED 15W	1188	1250	1375



C2 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103816	LED 30W	2375	2500	2750



C3 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103815	LED 45W	3572	3760	4136

C1 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103849	LED 15W	1188	1250	1375

C2 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103848	LED 30W	2375	2500	2750

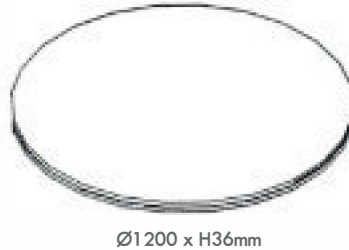
C3 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103847	LED 45W	3572	3760	4136



C4 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103880	LED 60W	4769	5020	5522



C5 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103881	LED 76W	6033	6350	6985

C4 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103907	LED 60W	4769	5020	5522

C5 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103908	LED 76W	6033	6350	6985

ACCESSORI/ACCESSORIES

Cotrocassa IP20 / IP20 Housing

codice/code	modello/version
20.103934	C1
20.103935	C2
20.103936	C3
20.103937	C4
20.103938	C5

Cotrocassa IP68 / IP68 Housing

codice/code	modello/version
20.103992	C1
20.103993	C2
20.103994	C3
20.103995	C4
20.103996	C5

ESEMPIO COMPOSIZIONE CODICE / EXAMPLE OF CODE COMPOSITION

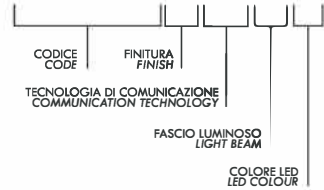
***Versione 230VAC IP67/IP67 230VAC Version**

Alimentatore elettronico 220/240V 50-60Hz integrato nel corpo dell'apparecchio.
Electronic driver 220/240V 50-60Hz integrated in the luminaire's body.

****Versione 24VDC IP68/IP68 24VDC Version**

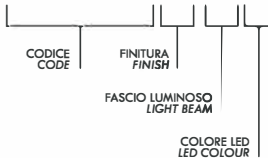
Alimentatore elettronico 24VDC da ordinare come accessorio.
24VDC Electronic driver to be ordered as an accessory.

07.103817.00.DAL.DI.BF



Fascio luminoso/Light beam	
.DI	diffuso/diffuse
Colore LED/LED Colour	
.BC	2700K
.BP	3000K
.BF	4000K
Tecnologia di comunicazione/ Communication Technology	
.DAL	DALI

07.103849.00.DI.BF



Fascio luminoso/Light beam	
.DI	diffuso/diffuse
Colore LED/LED Colour	
.BC	2700K
.BP	3000K
.BF	4000K

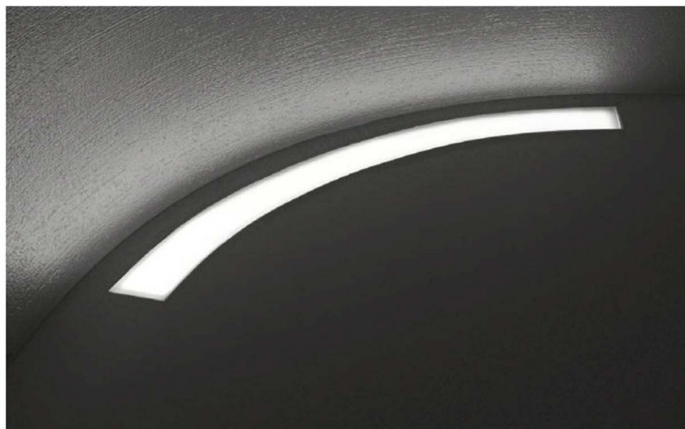
FINITURA/FINISH

colore/colour	codice/code
	.60 / vetro sabbato sandblasted glass
	R13 / vetro antiscivolo antislippery glass

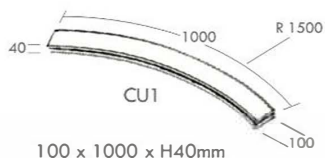


CURVA

DESIGN: R&D



Luminaire designed for flush installation on floors in outdoors and indoors areas. Suitable for power LED sources. Its body is made of aluminum submitted to anodizing treatment up to 18 micron and stainless steel. Front diffuser in extra clear tempered glass, subjected to a specific anti-stain sandblasting treatment, is integral to the body through a special glue-sealant used in shipbuilding. The snap-in installation of the devices is allowed through the mounting of stainless steel AISI 304 casing. All the metal component of the luminaires of this series can be fully made of stainless steel AISI 316L, on request to ensuring full lasting stability even in presence of salt fog. It has anti-vandal stainless steel springs that make the device particularly suitable for installation in public and private areas. The device is removable via dedicated disassembly key to be ordered separately. The luminaire is available in IP67 230Vac DALI dimmable and IP68 24Vdc. It is equipped with 0,5m long neoprene cable for connection to the power supply line, through appropriate waterproof connection systems not included.

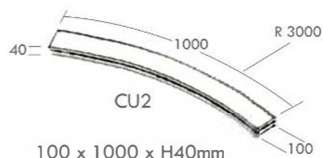


CU1 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.104857	LED 20W	1520	1600	1760

CU1 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.104849	LED 20W	1520	1600	1760

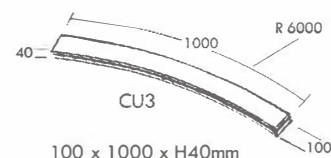


CU2 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.104859	LED 20W	1520	1600	1760

CU2 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.104851	LED 20W	1520	1600	1760

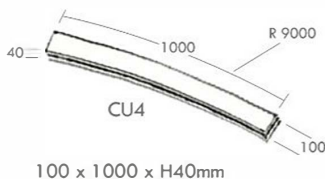


CU3 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.104861	LED 20W	1520	1600	1760

CU3 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.104853	LED 20W	1520	1600	1760

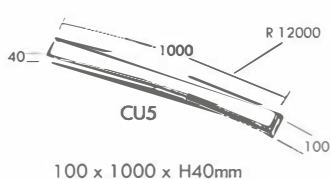


CU4 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.104865	LED 20W	1520	1600	1760

CU4 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.104855	LED 20W	1520	1600	1760

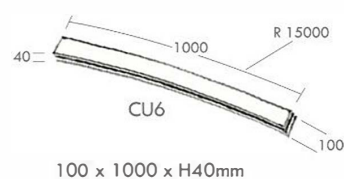


CU5 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.104885	LED 20W	1520	1600	1760

CU5 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.104889	LED 20W	1520	1600	1760



CU6 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.104887	LED 20W	1520	1600	1760

CU6 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.104891	LED 20W	1520	1600	1760

ACCESSORI/ACCESSORIES

Controcassa IP20 / IP20 Housing		
codice/ code	modello/ version	dimensioni/ sizes
20.104865	CU1-IP 67	108x1000xH100
20.104867	CU2-IP 67	108x1000xH100
20.104869	CU3-IP 67	108x1000xH100
20.104871	CU4-IP 67	108x1000xH100
20.104880	CU5-IP 67	108x1000xH100
20.104882	CU6-IP 67	108x1000xH100

Controcassa IP68 / IP68 Housing		
codice/ code	modello/ version	dimensioni/ sizes
20.104866	CU1-IP 68	108x1000xH100
20.104868	CU2-IP 68	108x1000xH100
20.104870	CU3-IP 68	108x1000xH100
20.104872	CU4-IP 68	108x1000xH100
20.104881	CU5-IP 68	108x1000xH100
20.104883	CU6-IP 68	108x1000xH100

codice/ code	
	20.104879 Coppia tappi di chiusura per controcassa IP20 / Couple of closing end caps for IP20 housing
	20.104813 Coppia giunti per fila continua Curva / Couple of joints for Curva continuous line
	20.104873 Coppia giunti per fila continua Curva + Linea / Couple of joints for Curva + Linea continuous line
	20.104464 Kit utensili estrazione sorgente / Lighting source extraction tool kit

ESEMPIO COMPOSIZIONE CODICE / EXAMPLE OF CODE COMPOSITION

*Versione 230VAC DALI IP67/IP67 DALI 230VAC Version

Alimentatore elettronico 220/240V DALI 50-60Hz integrato nel corpo dell'apparecchio. Sistemi di connessione da ordinare come accessori (pp. 352)./

Electronic driver DALI 220/240V 50-60Hz integrated in the luminaire's body. Connection systems to be ordered as accessories (pp. 352).

Fascio luminoso/Light beam	
.Di	diffuso/diffuse
Colore LED/LED Colour	
.BC	2700K
.BP	3000K
.BF	4000K
Tecnologia di comunicazione/ Communication Technology	
.DA	DALI
.00	ON/OFF

**Versione 24VDC IP68/IP68 24VDC Version

Alimentatore elettronico 24VDC e sistemi di connessione da ordinare come accessori (pp. 346-347 e 352). Elettroniche di controllo: iSmart CV, iColor CV o iDimm CV, da ordinare come accessorio (pp. 332, 336 o 340)./

24VDC Electronic driver and connection systems to be ordered as accessories (pp. 346-347 and 352). Control Electronics: iSmart CV, iColor CV or iDimm CV, to be ordered as an accessory (pp. 332, 336 or 340).

Fascio luminoso/Light beam	
.Di	diffuso/diffuse
Colore LED/LED Colour	
.BC	2700K
.BP	3000K
.BF	4000K

FINITURA/FINISH

colore/colour	codice/code	colore/colour	codice/code
	.60 / vetro sabbato sandblasted glass		.A1 / vetro antiscivolo antislippery glass

“The Shortest distance between two points being a straight line.”
(Archimede)



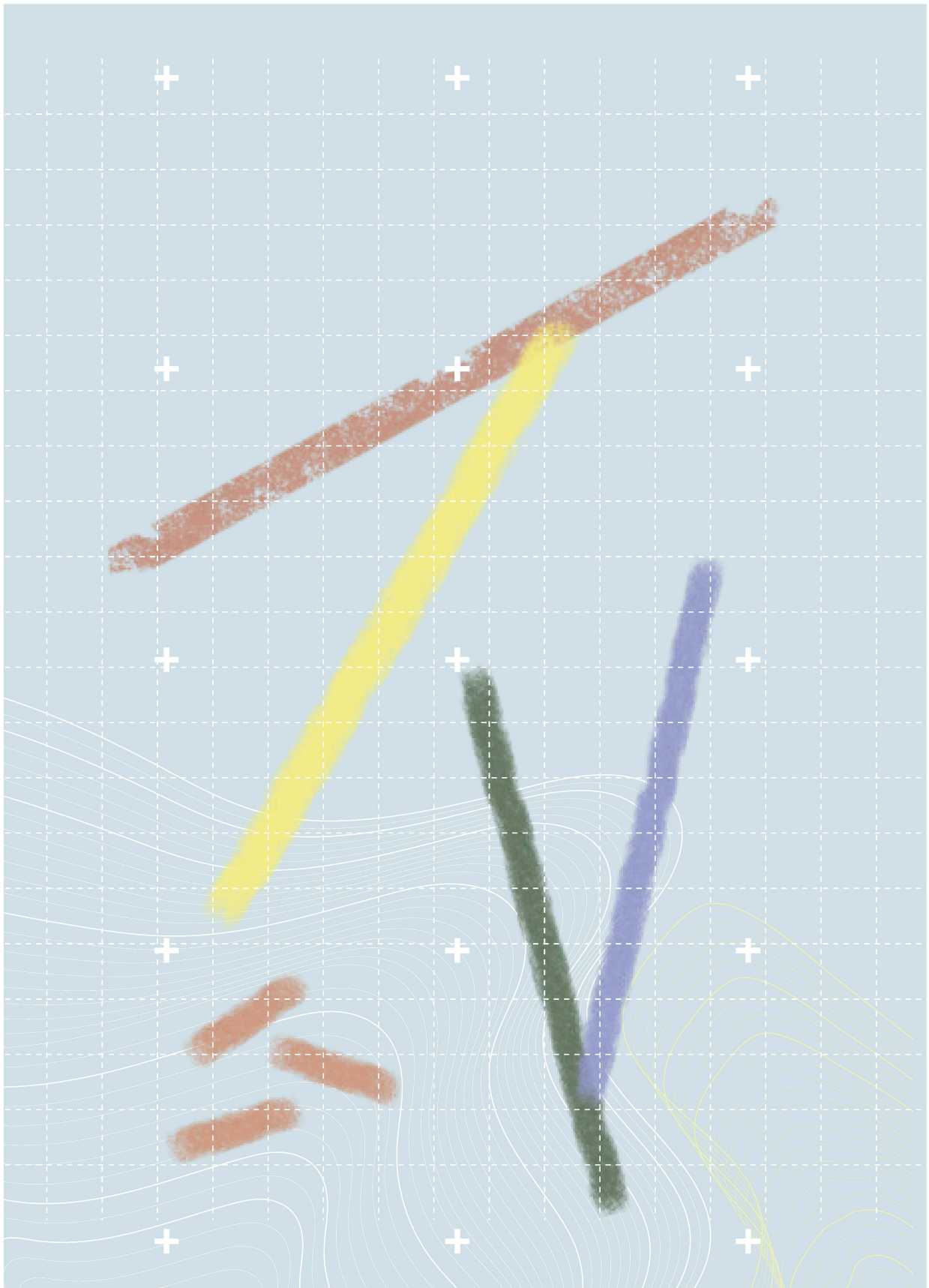
100
250

500

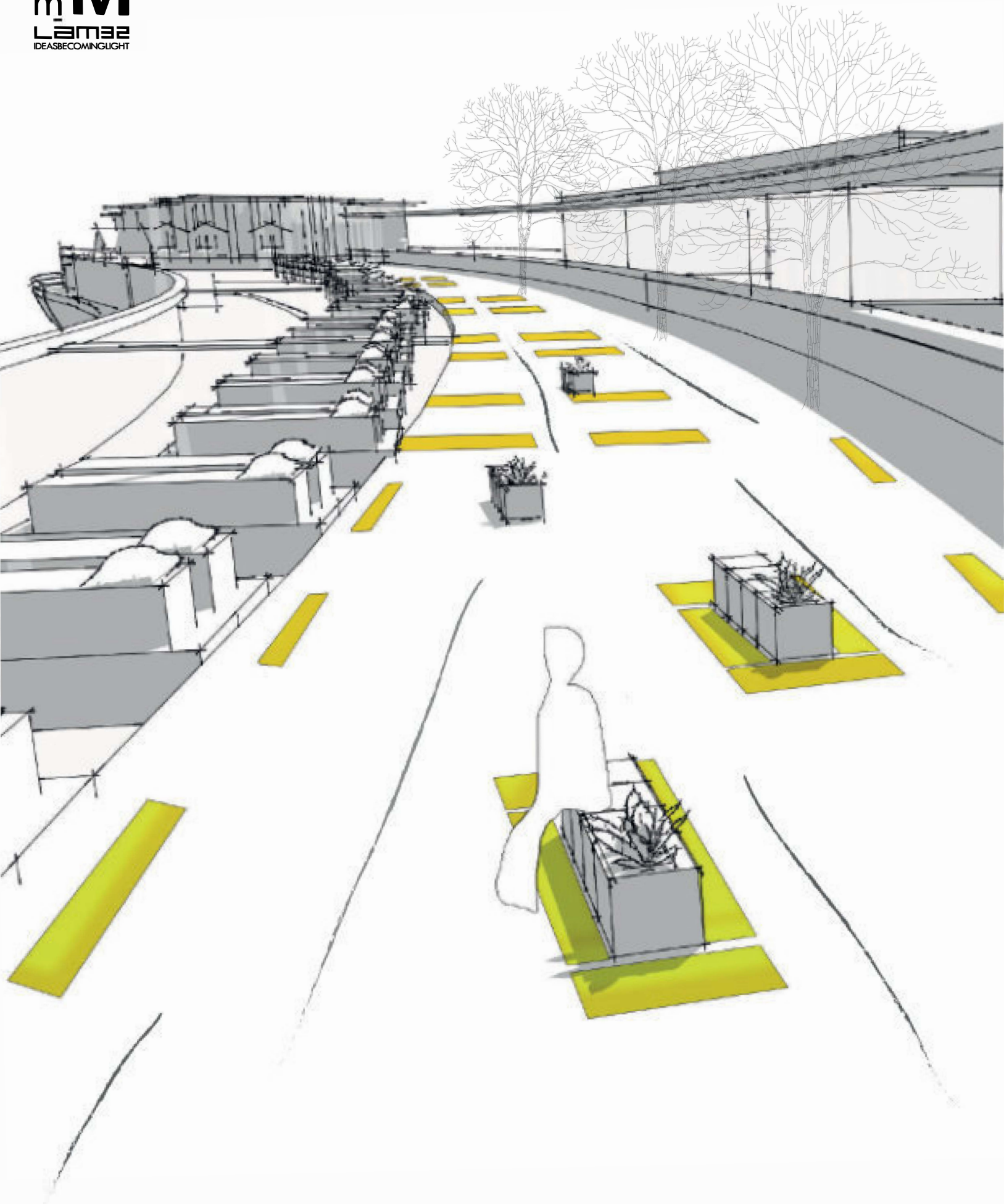
750

1000

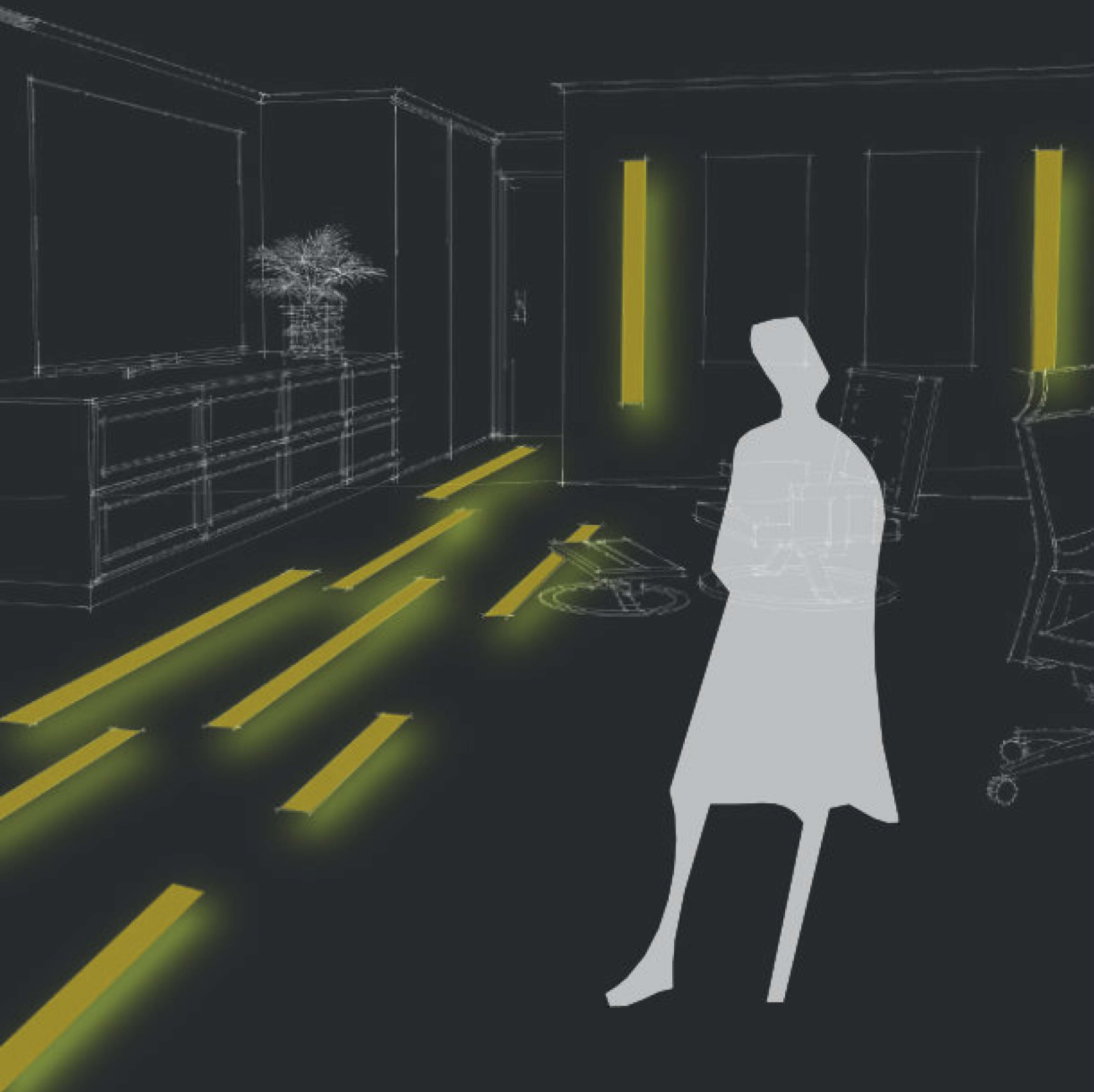
1250



SIZE DOES MATTER









Luminaire designed for flush installation on floors in outdoors and indoors areas. Suitable for power LED sources. Its body is made of stainless steel and aluminum submitted to anodizing treatment up to 18 micron. Front diffuser in extra clear tempered glass, subjected to a specific anti-stain sandblasting treatment, is integral to the body through a special glue-sealant used in shipbuilding. The snap-in installation of the devices is allowed through the mounting of stainless steel casing. It has anti-vandal stainless steel springs that make the device particularly suitable for installation in public and private areas. The device is removable via dedicated disassembly key to be ordered separately. The luminaire is available in IP67 230Vac DALI dimmable and IP68 24Vdc. It is equipped with 0,5m long neoprene cable for connection to the power supply line, through appropriate waterproof connection systems not included.

Apparecchio pensato per l'installazione ad incasso a filo su pavimenti in ambito esterno ed interno, finalizzato all'impiego di sorgenti LED ad alta luminosità. Corpo lampada realizzato in acciaio inox ed alluminio sottoposto a trattamento di anodizzazione fino a 18 micron. Diffusore frontale in vetro extra chiaro temperato e sottoposto a specifico trattamento di sabbiatura antimacchia, solidale al corpo per mezzo di apposito collante-sigillante di derivazione navale. L'installazione degli apparecchi è consentita mediante l'impiego ed il fissaggio dell'apposita controcassa in acciaio inox. La presenza di appositi sistemi antivandalo rendono l'apparecchio particolarmente indicato per installazioni in ambito pubblico e privato essendo asportabile solo per mezzo di chiave di smontaggio dedicata. Il prodotto è disponibile in versione IP67 con alimentazione 230VAC dimmerabile DALI e IP68 con alimentazione 24VDC. Completo di 0,5 metri di cavo in neoprene per il collegamento alla linea di alimentazione per mezzo di appositi sistemi di giunzione stagna non inclusi, da ordinare separatamente.



100 x 250 x H36mm

L1 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103841	LED 5W	394	415	456



100 x 500 x H36mm

L2 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103842	LED 10W	884	930	1023



100 x 750 x H36mm

L3 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103843	LED 15W	1278	1345	1480

L1 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103874	LED 5W	394	415	456

L2 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103875	LED 10W	884	930	1023

L3 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103876	LED 15W	1278	1345	1480



100 x 1000 x H36mm

L4 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103902	LED 20W	1520	1600	1760



100 x 1250 x H36mm

L5 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103903	LED 25W	1914	2015	2216

L4 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103929	LED 20W	1520	1600	1760

L5 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103930	LED 25W	1914	2015	2216

ACCESSORI/ACCESSORIES**Cotrocassa IP20 / IP20 Housing**

codice/code	modello/version
20.103971	L1
20.103972	L2
20.103973	L3
20.103974	L4
20.103975	L5

Cotrocassa IP68 / IP68 Housing

codice/code	modello/version
20.104016	L1
20.104017	L2
20.104018	L3
20.104019	L4
20.104020	L5

ESEMPIO COMPOSIZIONE CODICE / EXAMPLE OF CODE COMPOSITION***Versione 230VAC IP67/IP67 230VAC Version**

Alimentatore elettronico 220/240V 50-60Hz integrato nel corpo dell'apparecchio.

Electronic driver 220/240V 50-60Hz integrated in the luminaire's body.

****Versione 24VDC IP68/IP68 24VDC Version**

Alimentatore elettronico 24VDC da ordinare come accessorio.

24VDC Electronic driver to be ordered as an accessory.

07.103841.00.DAL.DI.BF

**Fascio luminoso/Light beam**

.DI	diffuso/diffuse
Colore LED/LED Colour	
.BC	2700K
.BP	3000K
.BF	4000K
Tecnologia di comunicazione/ Communication Technology	
.DAL	DALI

07.103874.00.DI.BF

**Fascio luminoso/Light beam**

.DI	diffuso/diffuse
Colore LED/LED Colour	
.BC	2700K
.BP	3000K
.BF	4000K

FINITURA/FINISH

colore/colour codice/code

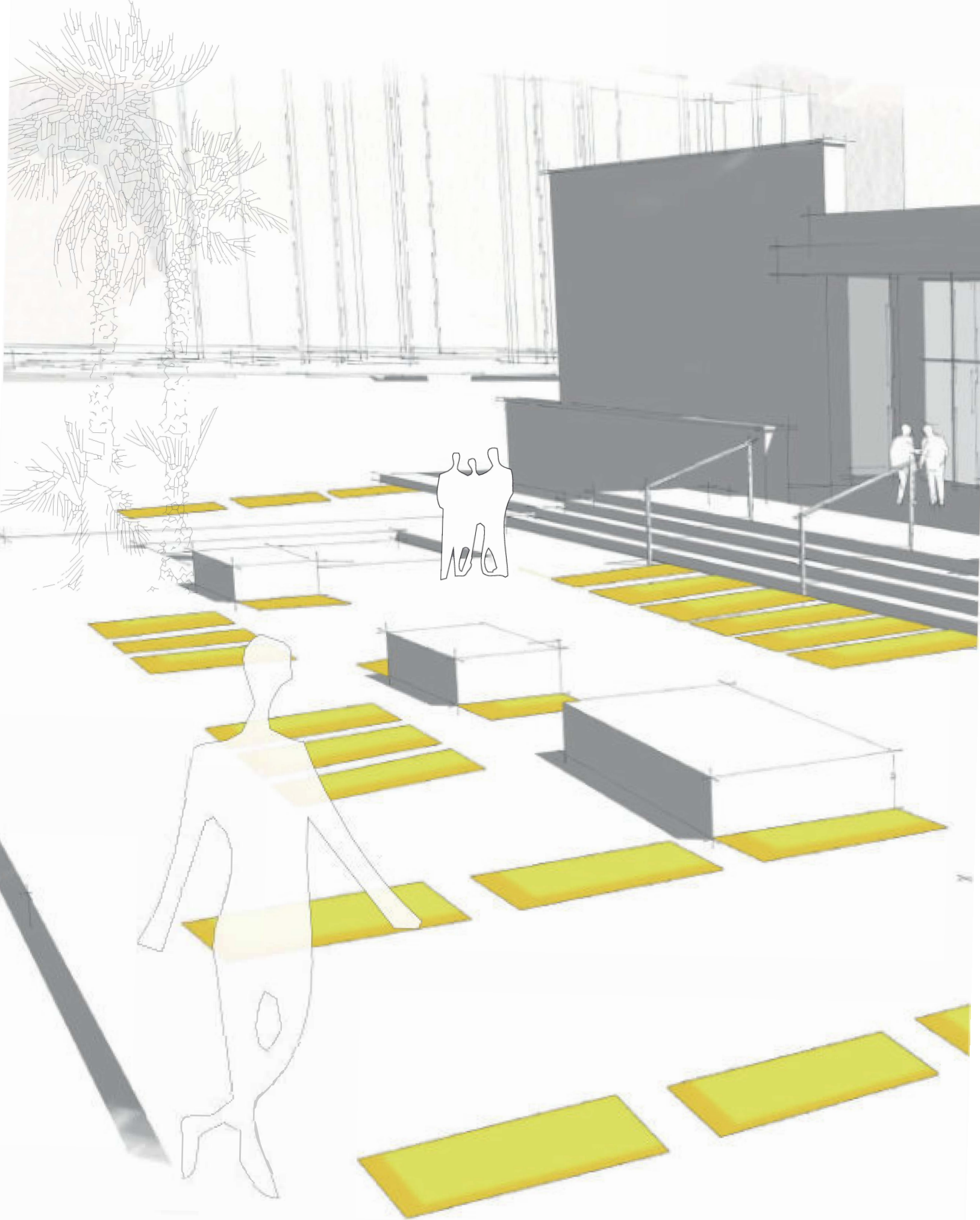
.60 / vetro sabbiato
sandblasted glassR13 / vetro antiscivolo
antislippery glass

SIZE DOES MATTER

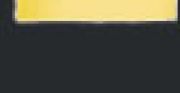
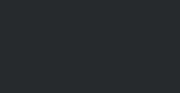
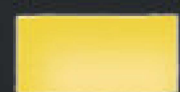
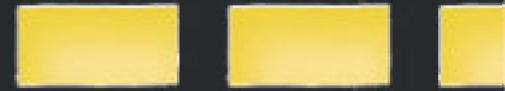
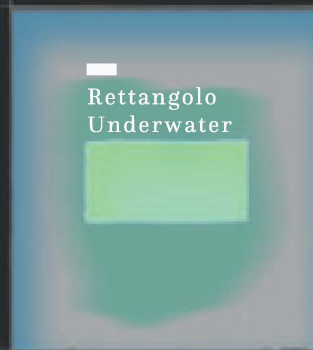


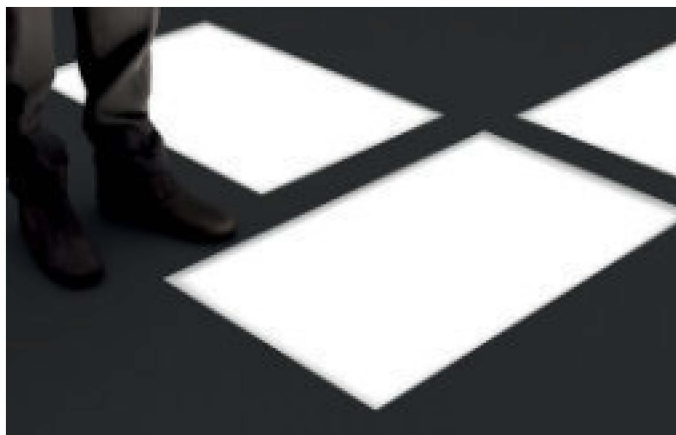
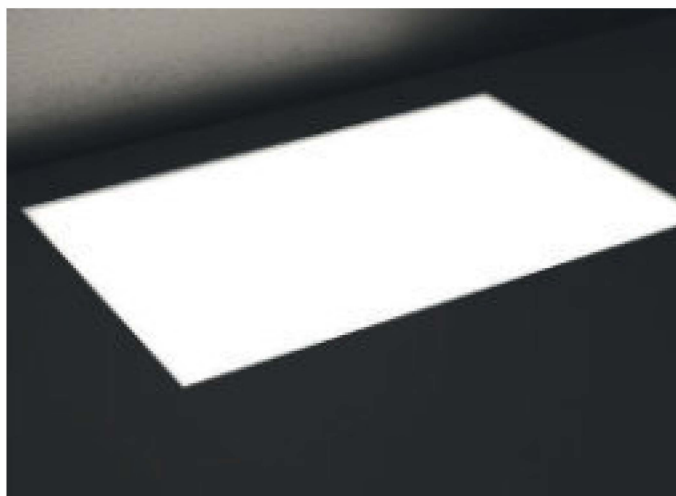
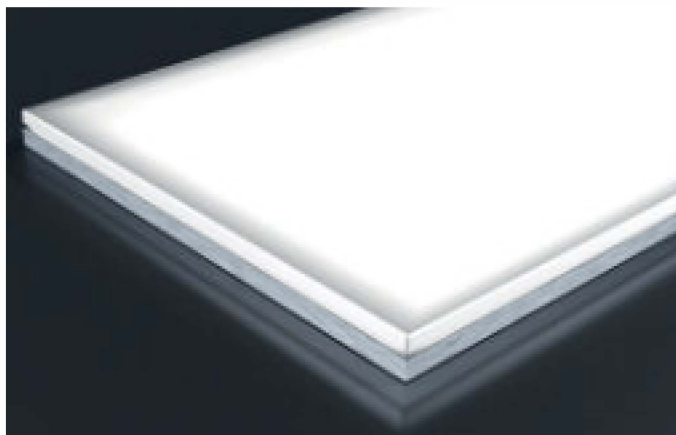
"In my opinion, the artistic intervention is fundamental in urban decor.
This requires a work of integration between architect and sculptor."
(Arnaldo Pomodoro)











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250 x 405 x H36mm

R1 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103829	LED 15W	1216	1280	1408



500 x 810 x H36mm

R2 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103830	LED 31W	2432	2560	2816



750 x 1215 x H36mm

R3 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103831	LED 47W	3705	3900	4290

R1 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103868	LED 15W	1216	1280	1408

R2 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103869	LED 31W	2432	2560	2816

R3 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103870	LED 47W	3705	3900	4290



1000 x 1620 x H36mm

R4 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103897	LED 62W	4940	5200	5720

R5 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103898	LED 77W	6080	6400	7040

R4 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103924	LED 62W	4940	5200	5720

R5 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103925	LED 77W	6080	6400	7040

ACCESSORI/ACCESSORIES**Cotrocassa IP20 / IP20 Housing**

codice/code	modello/version
20.103963	R1
20.103964	R2
20.103965	R3
20.103966	R4
20.103967	R5

**Cotrocassa IP68 / IP68 Housing**

codice/code	modello/version
20.104008	R1
20.104009	R2
20.104010	R3
20.104011	R4
20.104012	R5

**ESEMPIO COMPOSIZIONE CODICE / EXAMPLE OF CODE COMPOSITION*****Versione 230VAC IP67/IP67 230VAC Version**

Alimentatore elettronico 220/240V 50-60Hz integrato nel corpo dell'apparecchio.

Electronic driver 220/240V 50-60Hz integrated in the luminaire's body.

07.103829.00.DAL.DI.BF**Fascio luminoso/Light beam**

.DI	diffuso/diffuse
Colore LED/LED Colour	
.BC	2700K
.BP	3000K
.BF	4000K
Tecnologia di comunicazione/ Communication Technology	
.DAL	DALI

****Versione 24VDC IP68/IP68 24VDC Version**

Alimentatore elettronico 24VDC da ordinare come accessorio.

24VDC Electronic driver to be ordered as an accessory.

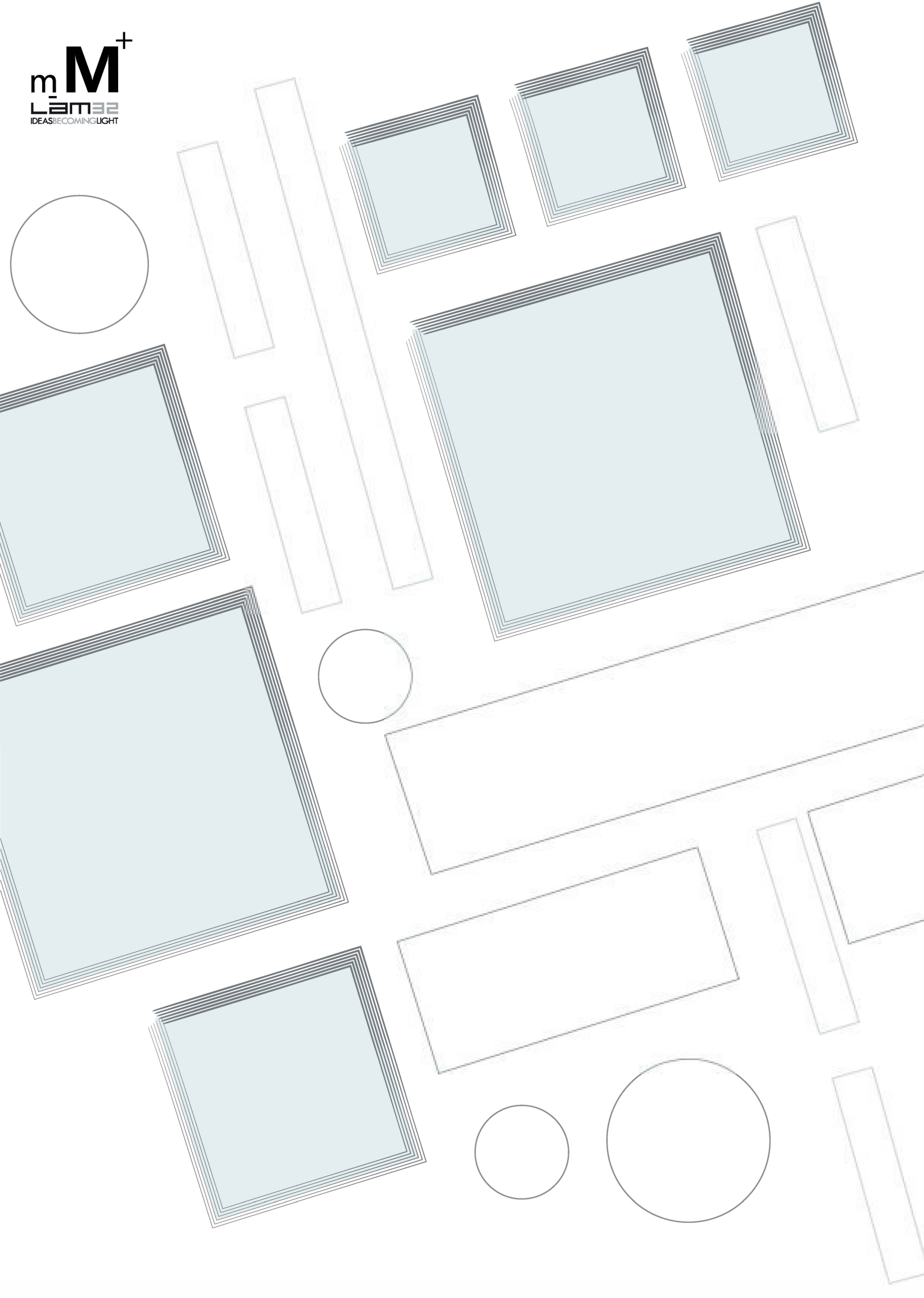
07.103868.00.DI.BF**Fascio luminoso/Light beam**

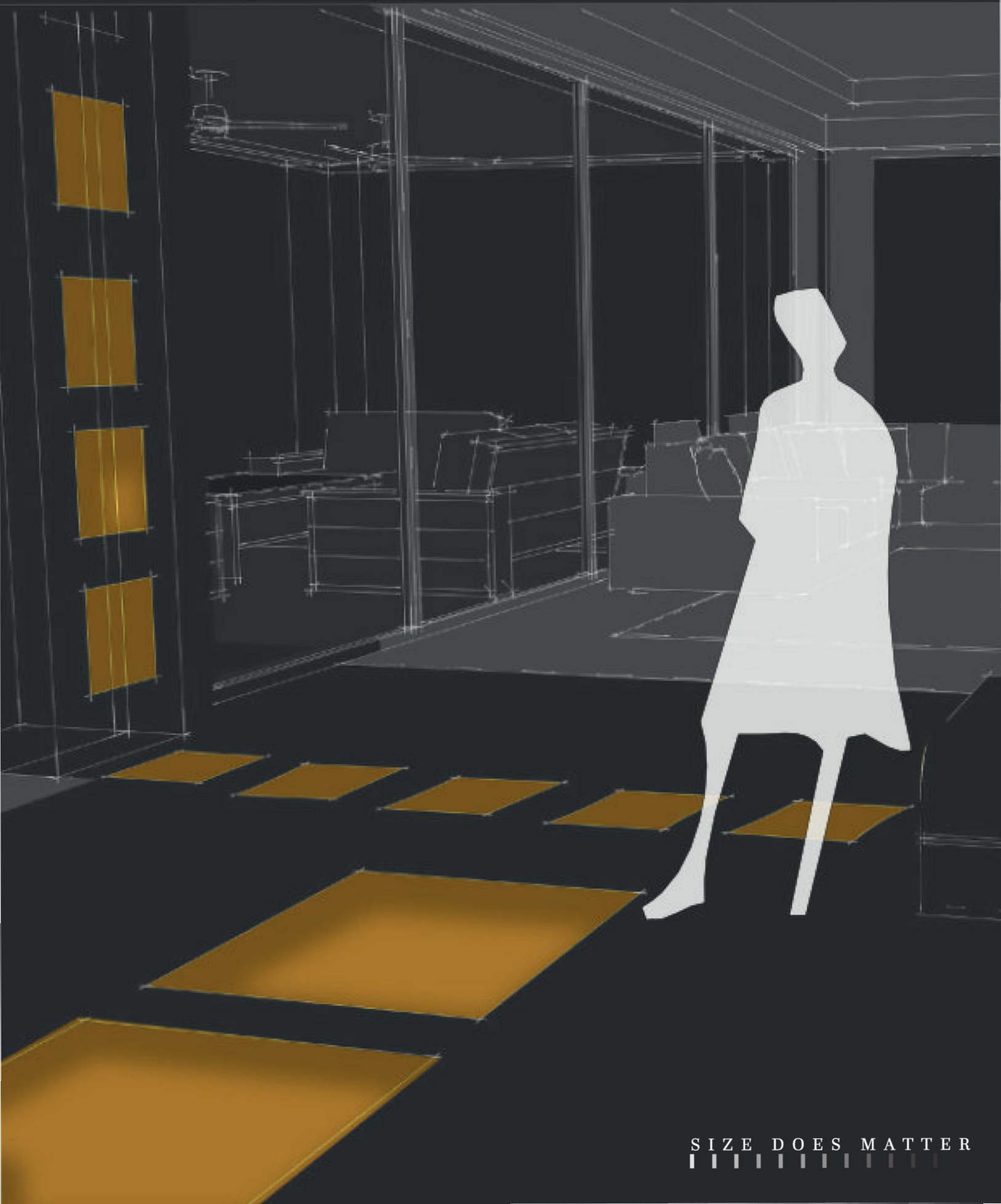
.DI	diffuso/diffuse
Colore LED/LED Colour	
.BC	2700K
.BP	3000K
.BF	4000K

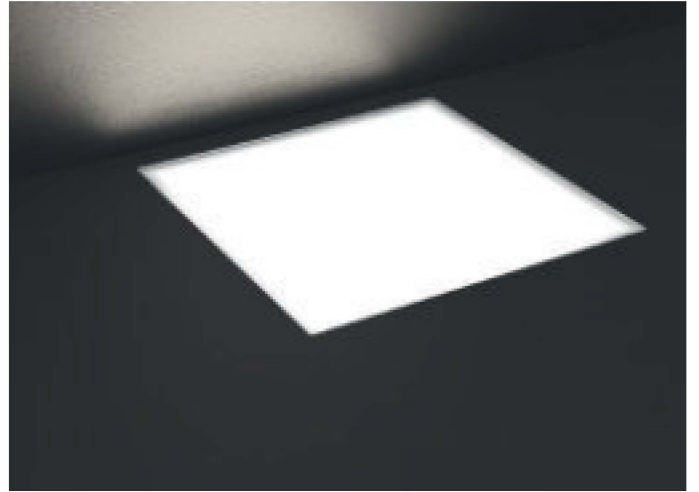
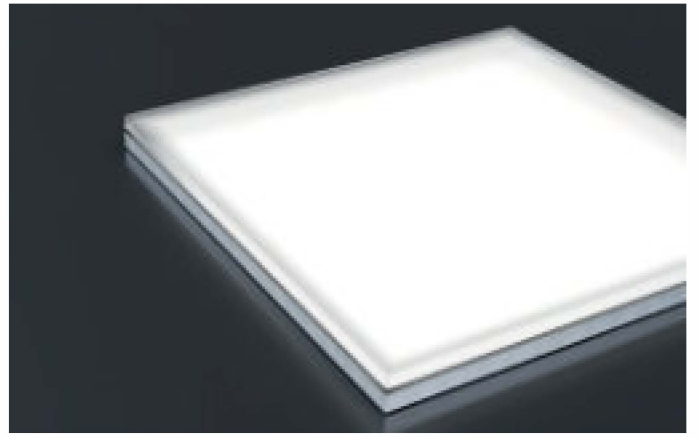
FINITURA/FINISH

colore/colour codice/code

	.60 / vetro sabbciato sandblasted glass
	R13 / vetro antiscivolo antislippery glass







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250 x 250 x H36mm

Q1 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103835	LED 15W	720	800	880

Q1 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103862	LED 15W	720	800	880



500 x 500 x H36mm

Q2 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103836	LED 25W	1440	1600	1760

Q2 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103863	LED 25W	1440	1600	1760



750 x 750 x H36mm

Q3 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103837	LED 35W	2160	2400	2640

Q3 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103864	LED 35W	2160	2400	2640

ACCESSORI/ACCESSORIES**Cotrocassa IP20 / IP20 Housing**

codice/code	modello/version
20.103955	Q1
20.103956	Q2
20.103957	Q3
20.103958	Q4
20.103959	Q5

**Cotrocassa IP68 / IP68 Housing**

codice/code	modello/version
20.104000	Q1
20.104001	Q2
20.104002	Q3
20.104003	Q4
20.104004	Q5



1000 x 1000 x H36mm

Q4 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103892	LED 50W	2880	3200	3520

Q4 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103919	LED 50W	2880	3200	3520



1200 x 1200 x H36mm

Q5 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103893	LED 60W	3600	4000	4400

Q5 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103920	LED 60W	3600	4000	4400

ESEMPIO COMPOSIZIONE CODICE / EXAMPLE OF CODE COMPOSITION***Versione 230VAC IP67/IP67 230VAC Version**

Alimentatore elettronico 220/240V 50-60Hz integrato nel corpo dell'apparecchio.

Electronic driver 220/240V 50-60Hz integrated in the luminaire's body.

07.103835.00.DAL.DI.BF

CODICE CODE	FINITURA FINISH	TECNOLOGIA DI COMUNICAZIONE COMMUNICATION TECHNOLOGY	FASCIO LUMINOSO LIGHT BEAM	COLORE LED LED COLOUR
07	103835	00	DAL	DI
				BF

Fascio luminoso/Light beam

.DI diffuso/diffuse

Colore LED/LED Colour

.BC 2700K

.BP 3000K

.BF 4000K

**Tecnologia di comunicazione/
Communication Technology**

.DAL DALI

****Versione 24VDC IP68/IP68 24VDC Version**

Alimentatore elettronico 24VDC da ordinare come accessorio.

24VDC Electronic driver to be ordered as an accessory.

07.103862.00.DI.BF

CODICE CODE	FINITURA FINISH	FASCIO LUMINOSO LIGHT BEAM	COLORE LED LED COLOUR
07	103862	00	DI
			BF

Fascio luminoso/Light beam

.DI diffuso/diffuse

Colore LED/LED Colour

.BC 2700K

.BP 3000K

.BF 4000K

FINITURA/FINISH

colore/colour codice/code

.60 / vetro sabbato
sandblasted glass

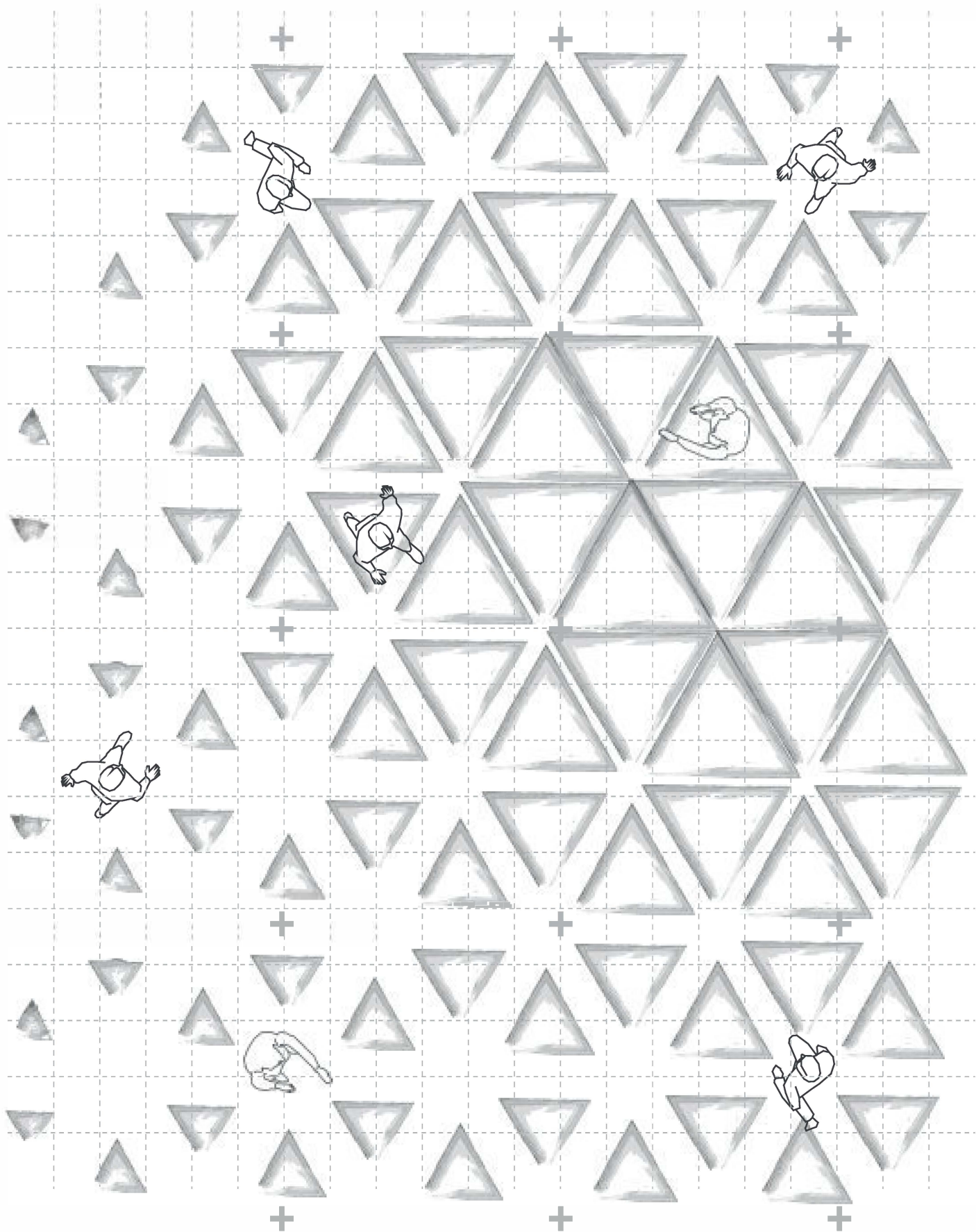
R13 / vetro antiscivolo
antislippery glass

SIZE DOES MATTER

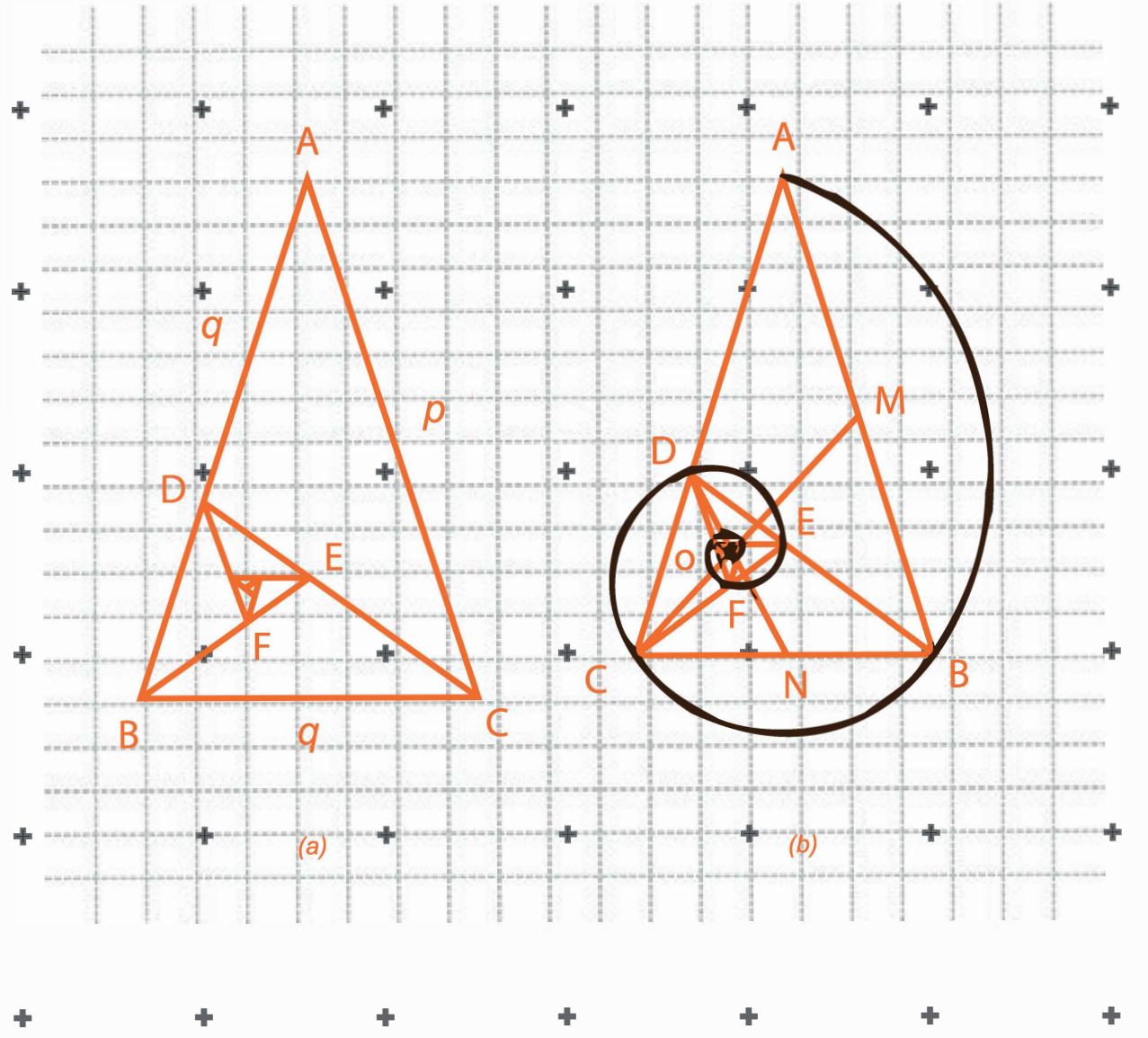
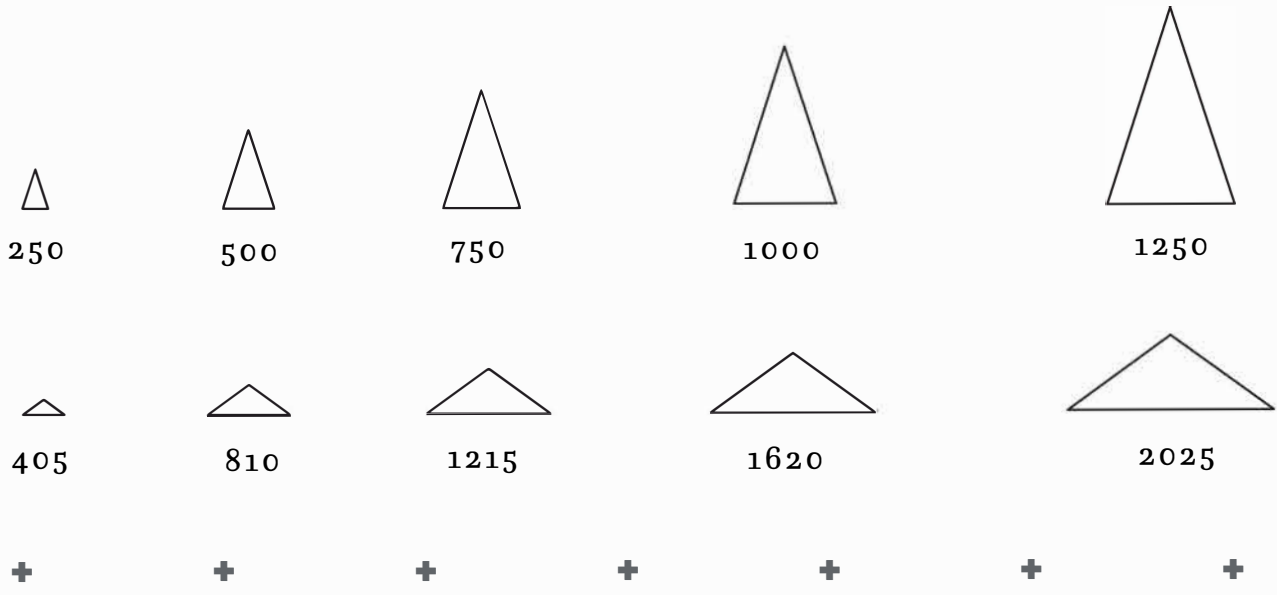


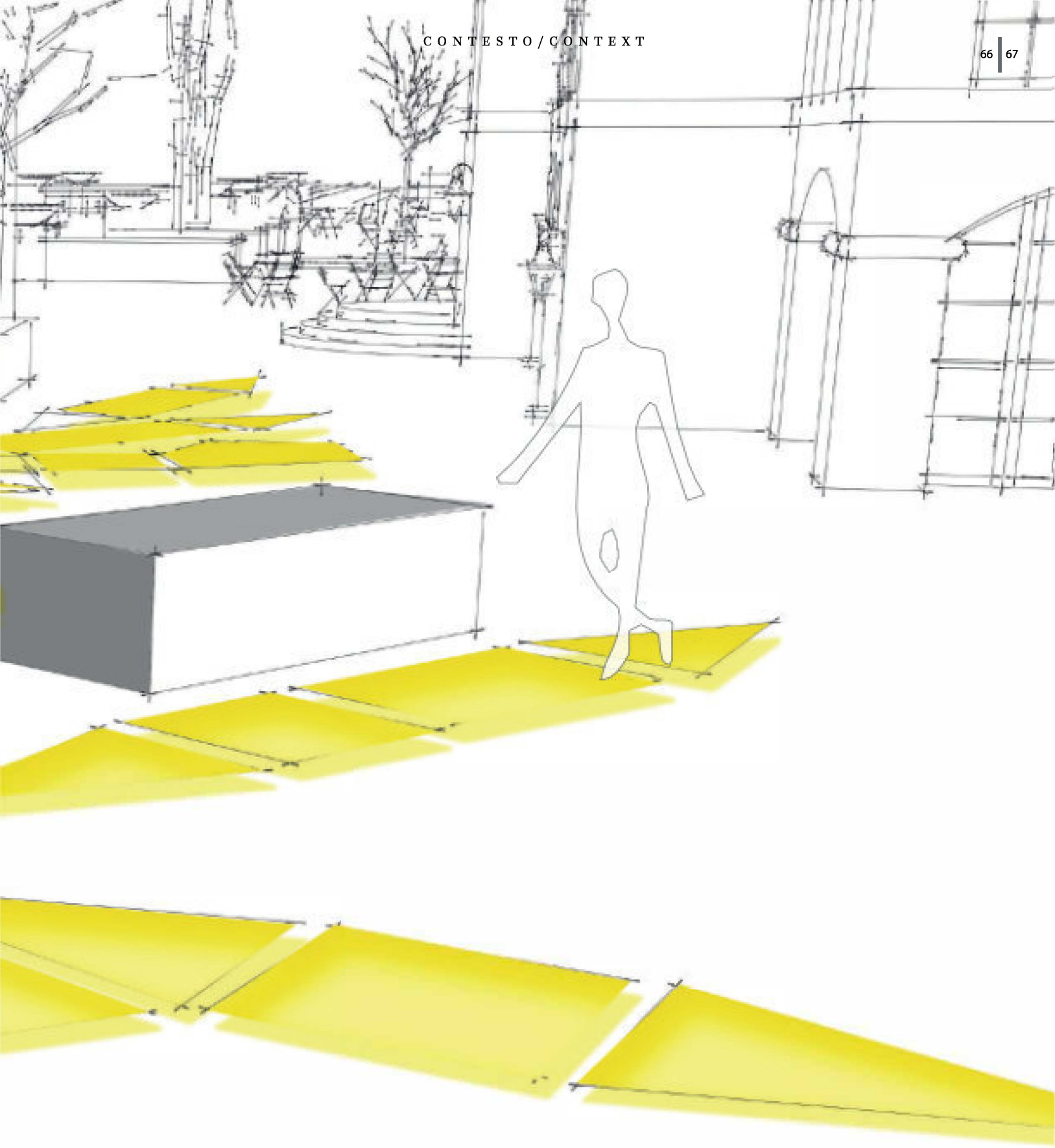
"Each triangle (acute, right angle or equilateral) has its own spiritual fragrance. Compared to other forms, this fragrance differs, acquires nuances, but remains fundamentally immutable, like the scent of the rose which cannot be confused with that of the violet."

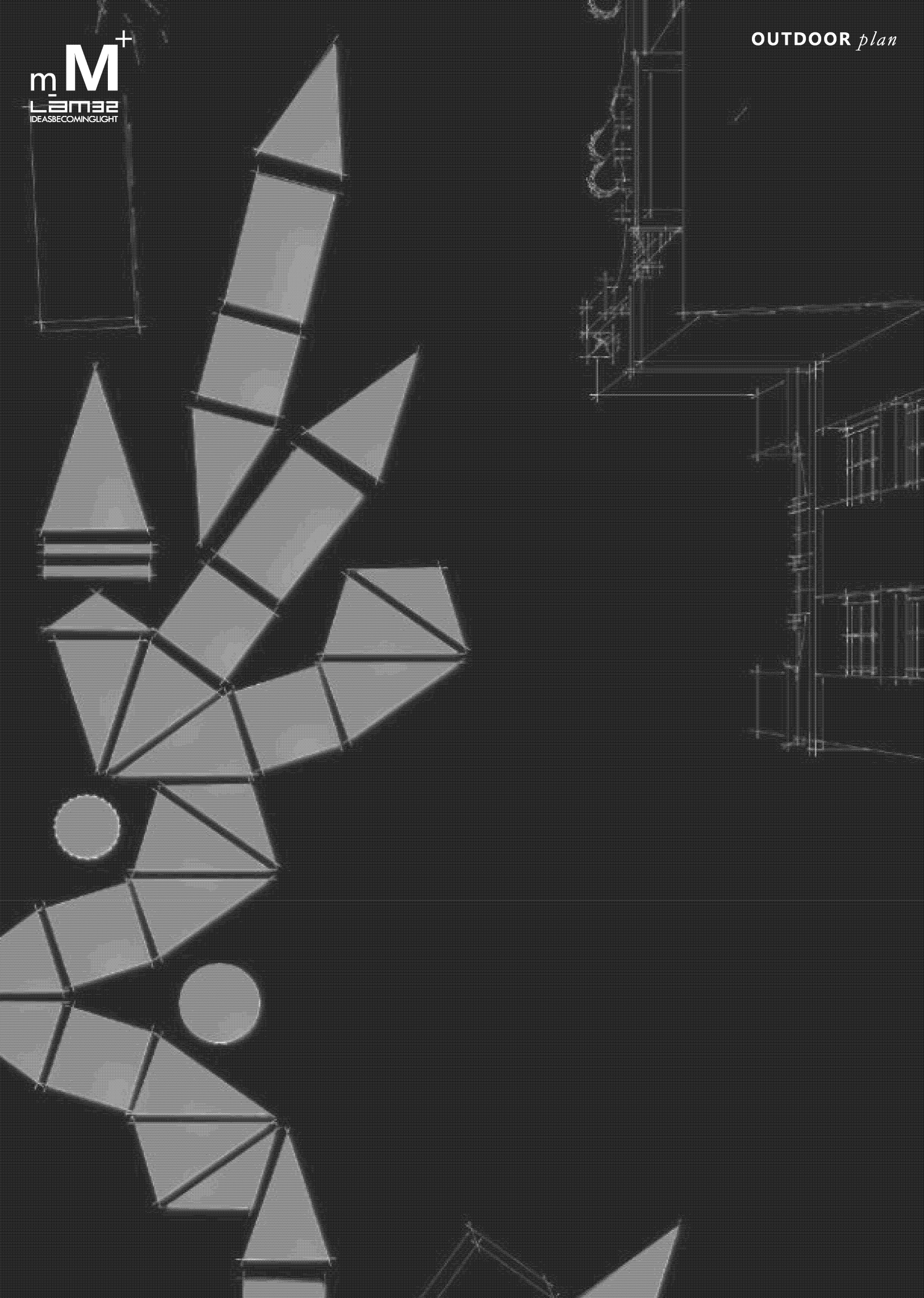
(Michele Emmer)

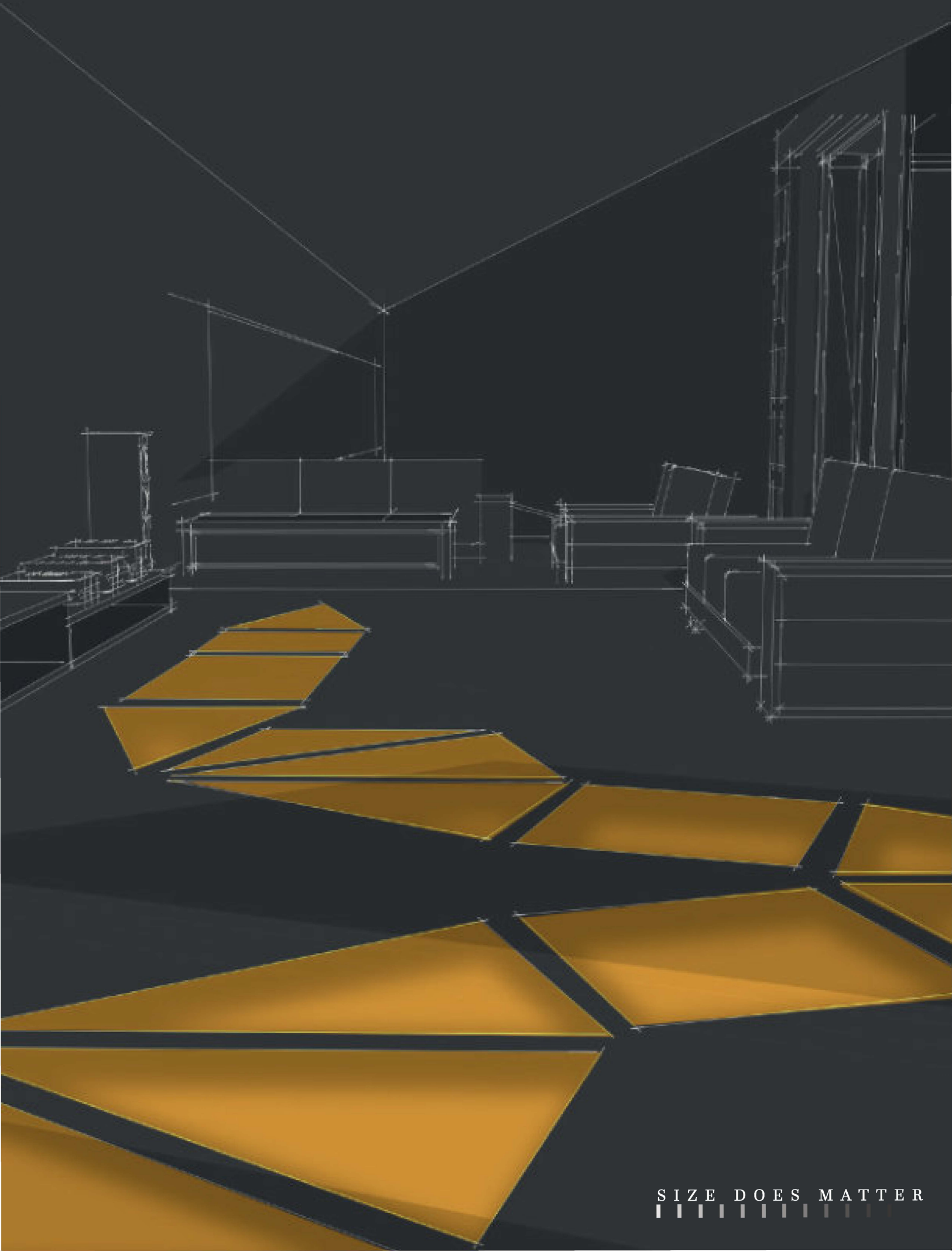


Triangolo *Logaritmico* $\boxtimes = (1+\sqrt{5})/2$

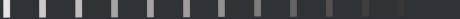


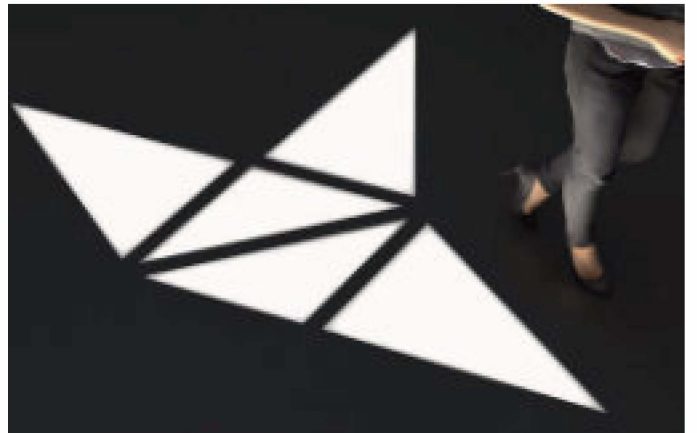
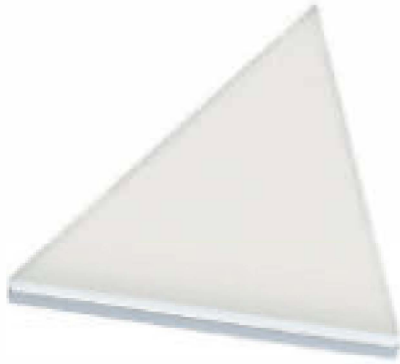






SIZE DOES MATTER





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250 x 405 x H36mm

T1 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103823	LED 16W	1292	1360	1496

T1 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103853	LED 16W	1292	1360	1496

500 x 810 x H36mm

T2 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103824	LED 33W	2584	2720	2992

T2 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103854	LED 33W	2584	2720	2992

750 x 1215 x H36mm

T3 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103825	LED 50W	3952	4160	4576

T3 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103855	LED 50W	3952	4160	4576

ACCESSORI/ACCESSORIES**Cotrocassa IP20 / IP20 Housing**

codice/code	modello/version
20.103942	T1
20.103943	T2
20.103944	T3
20.103945	T4
20.103946	T5

Cotrocassa IP68 / IP68 Housing

codice/code	modello/version
20.103979	T1
20.103980	T2
20.103981	T3
20.103982	T4
20.103983	T5



1000 x 1620 x H36mm

T4 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103885	LED 65W	5225	5500	6050

T4 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103912	LED 65W	5225	5500	6050



1250 x 2025 x H36mm

T5 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103886	LED 81W	6460	6800	7480

T5 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103913	LED 81W	6460	6800	7480

ESEMPIO COMPOSIZIONE CODICE / EXAMPLE OF CODE COMPOSITION***Versione 230VAC IP67/IP67 230VAC Version**

Alimentatore elettronico 220/240V 50-60Hz integrato nel corpo dell'apparecchio.

Electronic driver 220/240V 50-60Hz integrated in the luminaire's body.

07.103823.00.DAL.DI.BF

**Fascio luminoso/Light beam**

.DI diffuso/diffuse

Colore LED/LED Colour

.BC 2700K

.BP 3000K

.BF 4000K

**Tecnologia di comunicazione/
Communication Technology**

.DAL DALI

****Versione 24VDC IP68/IP68 24VDC Version**

Alimentatore elettronico 24VDC da ordinare come accessorio.

24VDC Electronic driver to be ordered as an accessory.

07.103853.00.DI.BF

**Fascio luminoso/Light beam**

.DI diffuso/diffuse

Colore LED/LED Colour

.BC 2700K

.BP 3000K

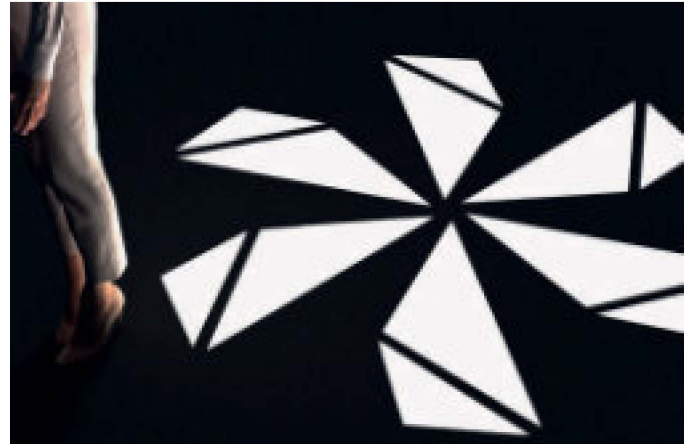
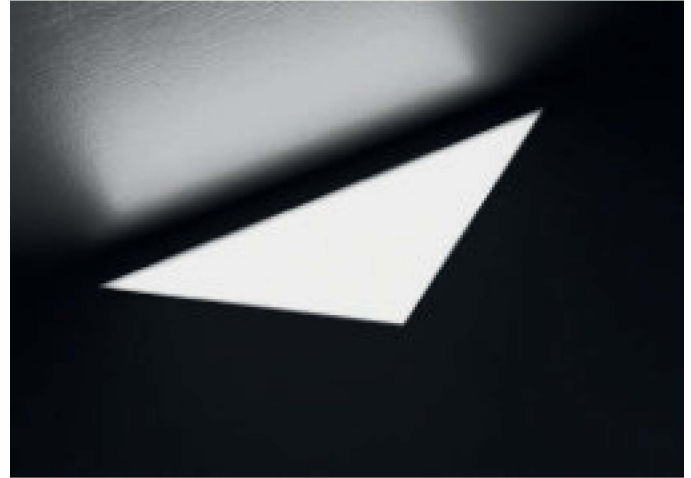
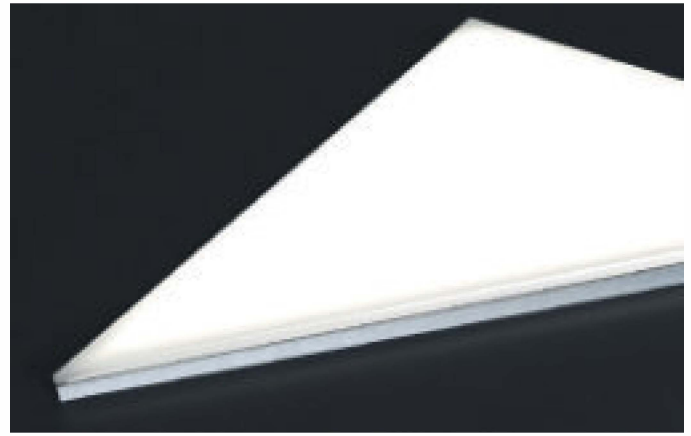
.BF 4000K

FINITURA/FINISH

colore/colour codice/code

.60 / vetro sabbato
sandblasted glassR13 / vetro antiscivolo
antislippery glass

SIZE DOES MATTER



Luminaire designed for flush installation on floors in outdoors and indoors areas. Suitable for power LED sources. Its body is made of stainless steel and aluminum submitted to anodizing treatment up to 18 micron. Front diffuser in extra clear tempered glass, subjected to a specific anti-stain sandblasting treatment, is integral to the body through a special glue-sealant used in shipbuilding. The snap-in installation of the devices is allowed through the mounting of stainless steel casing. It has anti-vandal stainless steel springs that make the device particularly suitable for installation in public and private areas. The device is removable via dedicated disassembly key to be ordered separately. The luminaire is available in IP67 230Vac DALI dimmable and IP68 24Vdc. It is equipped with 0,5m long neoprene cable for connection to the power supply line, through appropriate waterproof connection systems not included.



250 x 405 x H36mm

T6 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103826	LED 9,6W	760	800	880

500 x 810 x H36mm

T7 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103827	LED 27W	2138	2250	2475

750 x 1215 x H36mm

T8 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103828	LED 40W	3164	3330	3663

T6 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103856	LED 9,6W	760	800	880

T7 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103857	LED 27W	2138	2250	2475

T8 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103858	LED 40W	3164	3330	3663

1000 x 1620 x H36mm

T9 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103887	LED 54W	4256	4480	4928

1250 x 2025 x H36mm

T10 - IP 67*

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103888	LED 67W	5320	5600	6160

T9 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103914	LED 54W	4256	4480	4928

T10 - IP 68**

codice/ code	sorgente/ lamp	lumen/lumens		
		2700K	3000K	4000K
07.103915	LED 67W	5320	5600	6160

ACCESSORI/ACCESSORIES**Cotrocassa IP20 / IP20 Housing**

codice/code	modello/version
20.103947	T6
20.103948	T7
20.103949	T8
20.103950	T9
20.103951	T10

Cotrocassa IP68 / IP68 Housing

codice/code	modello/version
20.103984	T6
20.103985	T7
20.103986	T8
20.103987	T9
20.103988	T10

ESEMPIO COMPOSIZIONE CODICE / EXAMPLE OF CODE COMPOSITION***Versione 230VAC IP67/IP67 230VAC Version**

Alimentatore elettronico 220/240V 50-60Hz integrato nel corpo dell'apparecchio.

Electronic driver 220/240V 50-60Hz integrated in the luminaire's body.

****Versione 24VDC IP68/IP68 24VDC Version**

Alimentatore elettronico 24VDC da ordinare come accessorio.

24VDC Electronic driver to be ordered as an accessory.

07.103826.00.DAL.DI.BF

**Fascio luminoso/Light beam**

.DI	diffuso/diffuse
Colore LED/LED Colour	
.BC	2700K
.BP	3000K
.BF	4000K
Tecnologia di comunicazione/Communication Technology	
.DAL	DALI

07.103856.00.DI.BF

**Fascio luminoso/Light beam**

.DI	diffuso/diffuse
Colore LED/LED Colour	
.BC	2700K
.BP	3000K
.BF	4000K

FINITURA/FINISH

colore/colour codice/code

.60 / vetro sabbciato
sandblasted glassR13 / vetro antiscivolo
antislippery glass

SIZE DOES MATTER



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