OFFICE LIGHTING AND ACOUSTIC PANELS
OFFICE LIGHTING AND ACOUSTIC PANELS
SOURCE OF DESIGN

From Karboxx’s experience with research, high-tech and minimal design applied to indoor lighting, we have developed our range of office lighting. This is a new collection based on LED technology, designed to illuminate working spaces with attention to the needs of professional environments and corporate offices.

Karboxx communicates an advanced concept of lighting design that takes care of both the physical and emotional wellbeing of workers by stimulating creativity, encouraging levels of concentration while positively influencing the style of working environments.
LIGHT UP YOUR OFFICE

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Maximum efficiency and space usability, Fly is the ideal solution for work spaces requiring lightness and elegant functionality. Fly is based both on advanced concept and LED illuminating material. The flowing design of elements, with minimal and smoothed profiles, hides a sophisticated device of perimetral injection light, applied to a specific methacrilate that spreads and deviates the light flow perpendicularly towards the surface to be illuminated. Fly introduces an aerodynamic silhouette designed for achieving both the comfort and performance.

Massima efficienza e fruibilità dello spazio, Fly è la soluzione ideale per ambiti di lavoro che richiedono leggerezza ed elegante funzionalità. Fly si basa su avanzati concept e materiali dell’illuminotecnica a Led. Il design fluido degli elementi, con profili minimi e levigati, nasconde un sofisticato dispositivo ad iniezione luminosa perimetrale, applicato ad un particolare metacrilato di ultima generazione che diffonde e devia il flusso luminoso perpendicularly alla superficie da illuminare. Fly presenta una silhouette aerodinamica progettata per il comfort e la performance.
FL Y FLOOR DESCRIPTION

Description
Floor lamp - Aluminium luminaire and stem. Metal base.

Voltage - Control
110-240V 50-60Hz "Touch Dimmer" sensor 0-100% with separated control (up and down light).
Plug: Europlug, type C - Cable length: 3m

Light Source
LED 3000K CR90 (4000K on demand), UGR <19

Light Emission
Lower diffuser: HR methacrylate + high efficiency prismatic methacrylate
Upper diffuser: opal methacrylate

Options
3 versions with different flux:
- Fly 8 - 8400lm (4400lm direct and 4000lm indirect) = 70W
- Fly 12 - 11400lm (4400lm direct and 7000lm indirect) = 91W
- Fly 16 - 16400lm (4400lm direct and 12000lm indirect) = 130W

UK plug - USA plug

Finishes
Structure: textured painted white RAL 9016
More is the iconic result of a defined typology of lamp in the office lighting that shows the evolution of both design and technology. More seeks performance and pleasantness for the contemporary office with a compact and architectural design with a reduced visual impact made of simplicity and essentially. More presence, close to work stations, is unique and delicate thanks to its proportions of logic, power and linearity. Nothing is redundant, all is functional and defined in every detail. More is made of high standard components: state-of-the-art led, touch controls, micro-prismatic diffuser and aluminum extruded profiles. More recalls the attention to the elegance of shapes achieved by the technological evolution, for a pleasant office.
Description: Floor lamp - Aluminium luminaire and stem. Metal base.

Voltage - Control: 110-240V 50-60Hz "Touch Dimmer" sensor 0-100% with separated control (up and down light)
Plug: Europlug, type C - Cable length: 3m

Light Source: LED 3000K CRI90 (4000K on demand), UGR <19

Light Emission: Lower diffuser: high efficiency prismatic methacrylate
Upper diffuser: opal methacrylate

Options: 3 versions with different flux:
- More 8 8000lm (4000lm direct and 4000lm indirect) = 64W
- More 12 12000lm (4000lm direct and 8000lm indirect) = 94W
- More 16 16000lm (4000lm direct and 12000lm indirect) = 124W
UK plug - USA plug

Finishes: Structure: textured painted white RAL 9016
MiniStick was created to deliver maximum flexibility and comfort for the user. The floor lamp fascinates you with its elegance obtained with a simple yet effective design. Technological versatility and aesthetic beauty join together in this unique object; hiding a million different configurations behind its design.

MiniStick è stata ideata per garantire la massima duttilità e confort nel suo utilizzo. La versione da terra affascina per la sua eleganza ottenuta grazie ad un design semplice ma dal carattere forte. Versatilità tecnologica e bellezza estetica si incontrano in questo oggetto unico che dietro al suo design nasconde un mondo di configurazioni diverse.
Description

Floor lamp - Aluminium luminaire and structure in metal base.

Voltage - Control

Electronic power supplier 230V
Luminous flux 1300 lm
Switch ON/OFF
50% > 100%

Light Source

15W LED - 3000K - CRI=80

Light Emission

Diffuser: high efficiency prismatic methacrylate

Options

UK plug - USA plug

Finishes

Luminaire: anodized aluminium
Structure: white painted RAL 9016, or anthracite painted RAL 7022
MiniStick was conceived to deliver maximum flexibility and comfort for the user. The desktop lamp captivates you with its elegance obtained with a simple yet effective design. The high-efficiency prismatic diffuser and the possibility to adjust the lamp according to specific needs are key features for the office environment.

MiniStick è stata ideata per garantire la massima duttilità e confort nel suo utilizzo. La versione da scrivania affascina per la sua eleganza ottenuta grazie ad un design semplice ma dal carattere forte. Il diffusore microprismatico ad alta efficienza e la possibilità di regolare la posizione della lampada rende questo prodotto specialmente adatto per l’ambiente ufficio.
MINISTICK 2.0

DESK_TECHNICAL DESCRIPTION

Description
Table lamp - Aluminium luminaire head and structure in metal.

Voltage - Control
110-240V 50-60Hz “Touch Dimmer” sensor 0-100%
Electronic power supplier 230V
Luminous flux 1300 lm

Light Source
15W LED - 3000K - CRI=80

Light Emission
Diffuser: high efficiency prismatic methacrylate

Finishes
Luminaire: anodized aluminium
Structure: white painted RAL 9016, or anthracite painted RAL 7022
black painted RAL 9005, red painted RAL 3000
MicroStick is a smart desk lamp on a simple and compact aluminum body. The 10W LED light source provides a soft, comfortable light, with no strong contrasts. A special touch sensor with dimmer function is used to switch the lamp on/off and to adjust the brightness. MicroStick is available in white and silver. The perfect lamp for your desk, at home or in your office.
## Desk/Table Lamp - Aluminium Luminaire Head and Base Metal

**Voltage - Control**
- 110-240V 50-60Hz “Touch Dimmer” sensor 0-100%
- Luminous flux 800 lm

**Light Source**
- 10W LED - 4000K Electronic feeder

**Light Emission**
- Diffuser: opal methacrylate

**Finishes**
- Structure:
  - painted white RAL 9010 Silver-grey RAL 9006 Black RAL 9005
- Cable and plug: white or black color
Eustress pendant lamp brings a new shape to office lighting combining a high efficiency microprismatic diffuser and latest LED technology. Its essential yet intense design gives a modern and unconventional twist to the lamp thanks to its aluminium extrusion with a trapezoidal shape.

Eustress dà spazio a una nuova forma di illuminazione ufficio grazie al diffusore microprismatico ad alta efficienza e al LED di ultima generazione. La sua forma essenziale, ma definita grazie all’estruso di alluminio di forma trapezoidale, conferisce all’ambiente uno stile moderno e anticonformista.
## EUSTRESS PENDANT TECHNICAL DESCRIPTION

**Description**  
Linear lamp in aluminium rhomboid section profiles with PMMA diffuser

| Voltage - Control | Tension: 220-240V and 110-120V  
                         Control: ON/OFF |
|-------------------|-----------------------------|

**Light Source**  
LED 3000K CRI 80  
- 1200 Direct (50%) and indirect (50%) light: 57W 4800lm  
- 1600 Direct (50%) and indirect (50%) light: 76W 6400lm  
UGR<19

**Light Emission**  
Diffuser: opal microprismatic high efficiency PMMA

**Finishes**  
Structure: anodized aluminium

**Options**  
- Dimmer  
- Length customized on demand  
- Ceiling rose: white RAL 9016 painted
Flyup has a minimal design well suited to enlighten modern environments. The pure and elegant white structure gives this lamp a refined touch, easily adapting to the surroundings. Warm LEDs and an opal diffuser will give the surroundings a stylish “light” touch.

Linee pure e minimali caratterizzano FlyUp, sospensione adatta a illuminare ambienti che presentano una forte impronta di stile e di design. La struttura bianca e sottile permette di inserirsi in maniera delicata nei diversi spazi, non vuole infatti essere una presenza prorompente. Essenzialità e puntualità della luce grazie ad avanzati concept e Led.
**FLYUP PENDANT TECHNICAL DESCRIPTION**

**Description**  
Linear lamp in aluminium profiles with PMMA diffuser

**Voltage - Control**  
Tension: 220-240V and 110-120V  
Control: ON/OFF

**Light Source**  
LED 3000K CRI 80  
- 1200 Direct light: 28W 2400lm  
- 1600 Direct light: 38W 3200lm  
UGR<19

**Light Emission**  
Diffuser: opal PMMA

**Finishes**  
Structure: anodized aluminium white painted RAL 9016

**Options**  
- Length customized on demand  
- Ceiling rose: white RAL 9016 painted
Designing the space to streamline work and ensure a dynamic and efficient environment through functional solutions and by being attentive to the well-being of the person. LightSound is a system that has been created to meet the acoustic and visual comfort needs, and to create a wellness space in the professional world. Over the years, the fusion between architecture and wellness has an ever increasing presence, for this, work environments must be able to transmit professionalism and harmony.

The human factor and technology are the basic components for the creation of contemporary work spaces. This product intervenes to create the right lighting and acoustics by reducing noise and, at the same time, perfectly illuminating the area. The office wellness becomes one of the most important elements of the design. The world of work merges with hospitality, perception and comfort.

Progettare lo spazio per razionalizzare il lavoro e garantire un ambiente dinamico ed efficiente attraverso soluzioni funzionali e attente al benessere della persona. LightSound è un sistema che nasce per rispondere alle esigenze di comfort acustico e visivo, e per creare uno spazio wellness nel mondo professionale. Negli anni la contaminazione tra architettura e benessere è sempre più presente, per questo motivo gli ambienti di lavoro devono essere in grado di comunicare sia professionalità sia armonia.

Il fattore umano e tecnologia sono i componenti di base per la creazione degli spazi di lavoro contemporanei. Questo prodotto interviene per creare una corretta illuminazione e acustica attenuando il rumore e contemporaneamente illuminando in maniera puntuale l’ambiente. L’Office Wellness diventa uno degli elementi più importanti nella progettazione: il mondo del lavoro si fonde con l’ospitalità, la sensorialità e il comfort.
**Description**
Pendant light fitting consisting of an aluminium profile with plastic caps and a high efficiency microprismatic diffuser. To be used solely in combination with the LightSound triangular sound-absorbing panel. With a single driver, up to a maximum of 6 lamps can be powered.

| **Voltage - Control** | Tension: 220-240V and 110-120V  
| Control: ON/OFF |
| **Light Source** | LED 15W 1200lm 3000K CRI 80  
| UGR<19 |
| **Light Emission** | Diffuser: high efficiency micro-prismatic opal PMMA. |
| **Finishes** | Structure: anodised aluminium and grey plastic caps.  
| Connections: Transparent lead and black terminals. |
| **Options** | - Universal canopy painted RAL9016 white Surcharge for 110V  
| - Cable 100 cm  
| - Ceiling rose: white RAL 9016 painted |
Description: Triangular light fitting with aluminium profiles and high efficiency micro-prismatic diffusers. Can be combined to form a composition with LightSound triangular sound-absorbing panels.

Voltage - Control: Tension: 240V and 110V (upon request) Control: ON/OFF

Light Source: LED 15W 1200lm 3000K CRI 80

Light Emission:
- Down light: 50W 4200lm
- Down (56%) and up light (44%): 90W 7500lm
UGR<19

Finishes: Structure: silver anodised aluminium.

Options:
- Universal canopy painted RAL9016 white
- 240V dimmable
- 110V dimmable
- Surcharge for 110V
- Linking kit to LightSound panels
- Structure white RAL 9016 painted
- Ceiling rose: white RAL 9016 painted
Description: Triangular pendant/wall/ceiling-mounted acoustic panel. In the pendant version, it can be combined with the Triangle and Easy lamps from the LightSound collection.

Sound-absorbing:
- Surface area:
  - 0.35 M² (wall-/ceiling)
  - 0.70 M² (pendant)

Composition:
- Internal composition: polyester fibre.
- Outer covering: TreviraCS fabric in various colours.

Structure:
- Plastic hooks for the cable or for wall-/ceiling-mounting placed on the corners.

Fabrics:
- B01/009
- B01/012
- B01/018
- B01/011
- B01/023
- B01/222
* colors available from stock

5 weeks production lead time for fabrics not on stock.
801 fabrics which do not show are available on request (5 unit minimum order)

Class 1 Curtains and Drapes
DEKO TEX N. 072150.0
M1
BS 5852 Crib N°5 using a CM Foam 35 Kg/ cu.m.
B1 DIN 4102
1021 Part 1-2 using a CM Foam 35 Kg/ cu.m.
C1.1 B117, Section E, Part 1

Q1 (OENORM 3800 PART 1)
B1 (OENORM B 3825)

Airmut series Mixage
IMO RES A. 650/17-Drapes, Curtains
IMO RES A. 653/16-Surface Materials and Floor Covering
IMO Res A. 652/16 FTP Code MSCP 61 (87) Annex 1 Part 8- Flame Retardant, polyurethane flexible foam, nominal density 20Kg/m³, in class 1M according to UNI 9775 supplied by the Laboratory.
MULTIFUNCTIONAL DESIGN

CONFIGURATIONS

Modularity The three LightSound modules, with their self-supporting and simple locking system, allow for infinite combinations and forms.

Soft Adjustment LightSound is able to intervene in areas with visual-acoustic needs without having to require structural changes.

Visual Coherence The system uses the same B01 fabric folder as the other The Quadrifoglio Group products, which allows for a perfect match among them.

Integrated Comfort The LightSound system’s characteristics perform optimally both for lighting and acoustics.

Area Adaptability The minimal design allows for the system to be inserted in different areas whether it is hanging or wall mounted, or in an office or a hotel.

FUNCTIONAL AND AESTHETIC BALANCE

<table>
<thead>
<tr>
<th>Modularity</th>
<th>The three LightSound modules, with their self-supporting and simple locking system, allow for infinite combinations and forms.</th>
</tr>
</thead>
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<tr>
<td>Soft Adjustment</td>
<td>LightSound is able to intervene in areas with visual-acoustic needs without having to require structural changes.</td>
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<tr>
<td>Visual Coherence</td>
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</tbody>
</table>
**FLY**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>DESCRIZIONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>N7TR11-TW</td>
<td>More Floor 16 White 16400 lm - 124W</td>
<td>Fly Terra 16 Bianca 16400 lm - 124W</td>
</tr>
<tr>
<td>N7TR12-TW</td>
<td>More Floor 12 White 11400 lm - 91W</td>
<td>Fly Terra 12 Bianca 11400 lm - 91W</td>
</tr>
<tr>
<td>N7TR13-TW</td>
<td>More Floor 8 White 8400 lm - 70W</td>
<td>Fly Terra 8 Bianca 8400 lm - 70W</td>
</tr>
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</table>

**MORE**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>DESCRIZIONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>N6TR13-TW</td>
<td>More Floor 8 White 8400 lm - 64W</td>
<td>Fly Terra 8 Bianca 8400 lm - 64W</td>
</tr>
<tr>
<td>N6TR12-TW</td>
<td>More Floor 12 White 12000 lm - 94W</td>
<td>Fly Terra 12 Bianca 12000 lm - 94W</td>
</tr>
<tr>
<td>N6TR11-TW</td>
<td>More Floor 16 White 16000 lm - 124W</td>
<td>Fly Terra 16 Bianca 16000 lm - 124W</td>
</tr>
</tbody>
</table>

**MINISTICK**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>DESCRIZIONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>N3TR1LN-G</td>
<td>MiniStick Terra LED 15W Anthracite</td>
<td>MiniStick Terra LED 15W Antracite</td>
</tr>
<tr>
<td>N3TR1LN-W</td>
<td>MiniStick Terra LED 15W White</td>
<td>MiniStick Terra LED 15W Bianca</td>
</tr>
</tbody>
</table>

**MINISTICK 2.0 DESK**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>DESCRIZIONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>N3TV1LN-B</td>
<td>MiniStick Desk LED 2.0 15W Black</td>
<td>MiniStick Tavolo LED 2.0 15W Nera</td>
</tr>
<tr>
<td>N3TV1LN-G</td>
<td>MiniStick Desk LED 2.0 15W Anthracite</td>
<td>MiniStick Tavolo LED 2.0 15W Antracite</td>
</tr>
<tr>
<td>N3TV1LN-R</td>
<td>MiniStick Desk LED 2.0 15W Red</td>
<td>MiniStick Tavolo LED 2.0 15W Rosso</td>
</tr>
<tr>
<td>N3TV1LN-W</td>
<td>MiniStick Desk LED 2.0 15W White</td>
<td>MiniStick Tavolo LED 2.0 15W Bianca</td>
</tr>
</tbody>
</table>

**EUSTRESS**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>DESCRIZIONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>N9SPL2</td>
<td>Eustress Pendant 1200 - 56W - 2400+2400 lm</td>
<td>Eustress Sospensione 1200 - 56W - 2400+2400 lm</td>
</tr>
<tr>
<td>N9SPL1</td>
<td>Eustress Pendant 1600 - 76W - 3200+3200 lm</td>
<td>Eustress Sospensione 1600 - 76W - 3200+3200 lm</td>
</tr>
</tbody>
</table>

**MICROSTICK**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>DESCRIZIONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>N4TYVLH-B</td>
<td>MicroStick LED 10W Black</td>
<td>MicroStick LED 10W Nera</td>
</tr>
<tr>
<td>N4TYVLH-G</td>
<td>MicroStick LED 10W Silver-Grey</td>
<td>MicroStick LED 10W Grigio-argento</td>
</tr>
<tr>
<td>N4TYVLH-W</td>
<td>MicroStick LED 10W White</td>
<td>MicroStick LED 10W Bianca</td>
</tr>
</tbody>
</table>

**FLYUP**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>DESCRIZIONE</th>
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</thead>
<tbody>
<tr>
<td>N7SPL2</td>
<td>FlyUp Pendant 1200 - 28W - 2400 lm</td>
<td>FlyUp Sospensione 1200 - 28W - 2400 lm</td>
</tr>
<tr>
<td>N7SPL1</td>
<td>FlyUp Pendant 1600 - 38W - 3200 lm</td>
<td>FlyUp Sospensione 1600 - 38W - 3200 lm</td>
</tr>
</tbody>
</table>

**Code Options**

- Ceiling Rose
- Ceiling Rose for dimmable lamp
- Surcharge for 1200-110V
- Surcharge for 1600-110V
- Dimmer

**Design Moreno De Giorgio**
<table>
<thead>
<tr>
<th>CODE</th>
<th>EASY - DESCRIPTION</th>
<th>EASY - DESCRIZIONE</th>
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</thead>
<tbody>
<tr>
<td>N8SPL1</td>
<td>Easy lamp 15W - 1200lm</td>
<td>Lampada Easy 15W - 1200 lm</td>
</tr>
<tr>
<td>N8SPN1</td>
<td>240V power supply kit - 3 lamps</td>
<td>Kit alimentazione 240V - 3 lampade</td>
</tr>
<tr>
<td>N8SPN2</td>
<td>240V power supply kit - 6 lamps</td>
<td>Kit alimentazione 240V - 6 lampade</td>
</tr>
<tr>
<td>N8SPA01</td>
<td>Extension lead</td>
<td>Prolunga cavo di alimentazione</td>
</tr>
</tbody>
</table>

**Code Easy - Options**

- Universal canopy painted RAL9016 white
- Surcharge for 110V

<table>
<thead>
<tr>
<th>CODE</th>
<th>TRIANGLE - DESCRIPTION</th>
<th>TRIANGLE - DESCRIZIONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>N8SPL2</td>
<td>Triangle lamp 240V - down light</td>
<td>Lampada Triangle 240V - luce diretta</td>
</tr>
<tr>
<td>N8SPL3</td>
<td>Triangle lamp 240V - down and up light</td>
<td>Lampada Triangle 240V - luce diretta+indiretta</td>
</tr>
<tr>
<td>N8SPA03</td>
<td>Linking kit to Cloak panel</td>
<td>Kit giunzioni Triangle - pannello Cloak</td>
</tr>
</tbody>
</table>

**Code TRIANGLE - OPTIONS**

- Universal canopy painted RAL9016 white
- 240V dimmable
- Surcharge for 110V
- 110V dimmable
- Profiles painted RAL9016 white

<table>
<thead>
<tr>
<th>CODE</th>
<th>CLOAK - DESCRIPTION</th>
<th>CLOAK - DESCRIZIONE</th>
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</thead>
<tbody>
<tr>
<td>N8PAP01</td>
<td>Triangular wall-/ceiling-mounted panel</td>
<td>Pannello triangolare a parete/soffitto</td>
</tr>
<tr>
<td>N8SPP01</td>
<td>Triangular pendant panel</td>
<td>Pannello triangolare a sospensione</td>
</tr>
<tr>
<td>N8SPA02</td>
<td>Panel-panel linking kit</td>
<td>Kit giunzioni pannello-pannello</td>
</tr>
</tbody>
</table>

**Code CLOAK - OPTIONS**

- B01 fabrics which do not show are available on request, 5 unit minimum order.
- 240V dimmable
- Surcharge for 110V
- Profiles painted RAL9016 white

* colors available from stock

Production lead time for non-stock colors:
5 weeks exclusive of delivery time

B01/009 B01/013 B01/016 B01/018 B01/023
B01/019 B01/012 B01/017

* colors disponibili a stock.
Per tessuti non a stock tempi di produzione 5 settimane.
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