H2A - HEALING LIGHT

H2A is a daring architectural lighting concept that was initially developed by reputed hospital planners in collaboration with the Modular Design Team. New concepts and modern technologies increasingly characterise operations in modern hospitals and nursing homes. The product characteristics of H2A lie at the interface between concept and technology. H2A's clean, minimalist and individualistic design is perfectly complemented by the required technological characteristics which light must comply with in modern healthcare. Different dimming systems, such as the DALI protocol, pushdim and analogue dimming, make it possible to generate different colours of light. This compatibility of the technology used makes the synergy complete.

H2A is a modular system which offers tailored lighting solutions. In particular, the different combinations that can be made with polycarbonate, reflector, wattage and dimming make the system flexible from all perspectives. Modular developed H2A specifically for the health sector in an endeavour to create 'functional, pleasant and aesthetically sound lighting'. The well-being of patients and staff are of central importance in modern provision of services. H2A is able to combine a number of diverse functionalities which can have an effect on patient and staff activity. In modern healthcare, artificial light must be adapted to the atmosphere and purpose of the room. Efficiency in the healthcare personnel's work activities can be achieved by combining functional lighting for examinations with good basic lighting. Moreover, lighting must create a pleasant atmosphere for the patient. This is because varying the intensity and colour temperature of light creates natural lighting which stimulates people and actively contributes to the patient’s positive experience and healing process. H2A is also characterised by a restrained, simple architectural design, which means that the profile can be integrated into the room very inconspicuously. H2A is a ‘thoroughbred’ modular product: unique, authentic, high-quality and pioneering.
**H2A**

- **Profile material:** Extruded aluminium
- **Standard finish profile:** Matt anodised
- **Maximum single length of profile:** 6000mm (without using 180° connection set)
- **Norm electrical components:** EN60598/CE
- **Norm mechanical components:** CE
- **Protection class electrical components:** IP20
- **Insulation class electrical components:** I
- **All transformer/gear are electronic**

**Installation warning:** The linear coefficient of expansion for aluminium profiles is 1.19mm/m at Δt° of 50°C.
## H2A electrical

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Non dimmable</th>
<th>1-10V</th>
<th>Pushdim</th>
<th>Dali</th>
</tr>
</thead>
<tbody>
<tr>
<td>1x T16 24W</td>
<td>article nr</td>
<td>mod</td>
<td>asym</td>
<td>sym</td>
</tr>
<tr>
<td>9365122</td>
<td>575</td>
<td>575</td>
<td>575</td>
<td>96365122</td>
</tr>
<tr>
<td>9365137</td>
<td>875</td>
<td>875</td>
<td>875</td>
<td>96365137</td>
</tr>
<tr>
<td>9365152</td>
<td>1175</td>
<td>1175</td>
<td>1175</td>
<td>96365152</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Non dimmable</th>
<th>1-10V</th>
<th>Pushdim</th>
<th>Dali</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x T16 24W</td>
<td>article nr</td>
<td>mod</td>
<td>asym</td>
<td>sym</td>
</tr>
<tr>
<td>9365023</td>
<td>590</td>
<td>590</td>
<td>590</td>
<td>96365023</td>
</tr>
<tr>
<td>9365037</td>
<td>890</td>
<td>890</td>
<td>890</td>
<td>96365037</td>
</tr>
<tr>
<td>9365052</td>
<td>1190</td>
<td>1190</td>
<td>1190</td>
<td>96365052</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Non dimmable</th>
<th>1-10V</th>
<th>Pushdim</th>
<th>Dali</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x T16 24W</td>
<td>article nr</td>
<td>mod</td>
<td>asym</td>
<td>sym</td>
</tr>
<tr>
<td>9365223</td>
<td>590</td>
<td>590</td>
<td>590</td>
<td>96365223</td>
</tr>
<tr>
<td>9365237</td>
<td>890</td>
<td>890</td>
<td>890</td>
<td>96365237</td>
</tr>
<tr>
<td>9365253</td>
<td>1190</td>
<td>1190</td>
<td>1190</td>
<td>96365253</td>
</tr>
</tbody>
</table>

## TLC poly down

### TL5 poly down

- **Lamp:** T16
- **Depends on length**

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Non dimmable</th>
<th>1-10V</th>
<th>Pushdim</th>
<th>Dali</th>
</tr>
</thead>
<tbody>
<tr>
<td>9360300</td>
<td>article nr</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**options available**

93361012 - tl5 back up 3h unit 24/39/54w (1 lamp)

**options available**

93361012 - tl5 back up 3h unit 24/39/54w (1 lamp)

**options available**

93361012 - tl5 back up 3h unit 24/39/54w (1 lamp)

**options available**

93361012 - tl5 back up 3h unit 24/39/54w (1 lamp)

**remarks**

by preference to be used with two lamps that have a different colour temperature (cold white – warm white), as both lamps are operated by an individual ballast.

**options available**

93360180 - endplate

**options available**

93360188 ral* suppl. endplate

**H2A mechanical**

**93360005**

profile alu /m

**93360015**

poly up diffuse

**93360025**

poly up transparant

**93360007**

poly down diffuse

**93360180**

endplate

**93360188 ral* suppl. endplate**

**93360999**

suspension bracket

**93360012 - tl5 back up 3h unit 24/39/54w (1 lamp)**

**93360050 ral* set up charge**

**93360108 ral* suppl. profile surface /m**

**93360007**

connection 180°

**93360101**

article nr

<table>
<thead>
<tr>
<th>mod</th>
<th>asym</th>
<th>sym</th>
</tr>
</thead>
<tbody>
<tr>
<td>93365122</td>
<td>575</td>
<td>575</td>
</tr>
<tr>
<td>93365137</td>
<td>875</td>
<td>875</td>
</tr>
<tr>
<td>93365152</td>
<td>1175</td>
<td>1175</td>
</tr>
<tr>
<td>96365122</td>
<td>575</td>
<td>575</td>
</tr>
<tr>
<td>96365137</td>
<td>875</td>
<td>875</td>
</tr>
<tr>
<td>96365152</td>
<td>1175</td>
<td>1175</td>
</tr>
<tr>
<td>97365122</td>
<td>575</td>
<td>575</td>
</tr>
<tr>
<td>97365137</td>
<td>875</td>
<td>875</td>
</tr>
<tr>
<td>97365152</td>
<td>1175</td>
<td>1175</td>
</tr>
<tr>
<td>98365122</td>
<td>575</td>
<td>575</td>
</tr>
<tr>
<td>98365137</td>
<td>875</td>
<td>875</td>
</tr>
<tr>
<td>98365152</td>
<td>1175</td>
<td>1175</td>
</tr>
</tbody>
</table>

**article nr**

<table>
<thead>
<tr>
<th>mod</th>
<th>asym</th>
<th>sym</th>
</tr>
</thead>
<tbody>
<tr>
<td>93365022</td>
<td>590</td>
<td>590</td>
</tr>
<tr>
<td>93365037</td>
<td>890</td>
<td>890</td>
</tr>
<tr>
<td>93365052</td>
<td>1190</td>
<td>1190</td>
</tr>
<tr>
<td>96365022</td>
<td>590</td>
<td>590</td>
</tr>
<tr>
<td>96365037</td>
<td>890</td>
<td>890</td>
</tr>
<tr>
<td>96365053</td>
<td>1190</td>
<td>1190</td>
</tr>
<tr>
<td>97365022</td>
<td>590</td>
<td>590</td>
</tr>
<tr>
<td>97365033</td>
<td>890</td>
<td>890</td>
</tr>
<tr>
<td>97365053</td>
<td>1190</td>
<td>1190</td>
</tr>
<tr>
<td>98365022</td>
<td>590</td>
<td>590</td>
</tr>
<tr>
<td>98365038</td>
<td>890</td>
<td>890</td>
</tr>
<tr>
<td>98365053</td>
<td>1190</td>
<td>1190</td>
</tr>
</tbody>
</table>

**options available**

93361012 - tl5 back up 3h unit 24/39/54w (1 lamp)

**remarks**

by preference to be used with two lamps that have a different colour temperature (cold white – warm white), as both lamps are operated by an individual ballast.

**options available**

93361012 - tl5 back up 3h unit 24/39/54w (1 lamp)

**options available**

93361012 - tl5 back up 3h unit 24/39/54w (1 lamp)

**options available**

93361012 - tl5 back up 3h unit 24/39/54w (1 lamp)
## H2A Electrical

### Non-dimmable LED High Power

<table>
<thead>
<tr>
<th>Article nr</th>
<th>Mod</th>
<th>Asym</th>
<th>Sym</th>
<th>H up</th>
<th>H down</th>
<th>C dist</th>
<th>C-o up</th>
<th>C-o down</th>
</tr>
</thead>
<tbody>
<tr>
<td>93360602</td>
<td>45</td>
<td>156</td>
<td>99</td>
<td>13</td>
<td>140/30000</td>
<td>Ø35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>93360612</td>
<td>83</td>
<td>195</td>
<td>118</td>
<td>13</td>
<td>175/30000</td>
<td>2x Ø35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>93360603</td>
<td>45</td>
<td>156</td>
<td>99</td>
<td>13</td>
<td>140/30000</td>
<td>Ø35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>93360613</td>
<td>83</td>
<td>195</td>
<td>118</td>
<td>13</td>
<td>175/30000</td>
<td>2x Ø35</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Adjustability: h 355° ±55/±55°

### LED Conv. Front

<table>
<thead>
<tr>
<th>Article nr</th>
<th>Mod</th>
<th>Asym</th>
<th>Sym</th>
<th>H up</th>
<th>H down</th>
<th>C dist</th>
<th>C-o up</th>
<th>C-o down</th>
</tr>
</thead>
<tbody>
<tr>
<td>93360832</td>
<td>70</td>
<td>100</td>
<td>100</td>
<td>115</td>
<td>30000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>93360833</td>
<td>70</td>
<td>100</td>
<td>100</td>
<td>115</td>
<td>30000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>93360834</td>
<td>70</td>
<td>100</td>
<td>100</td>
<td>115</td>
<td>30000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>93360835</td>
<td>70</td>
<td>100</td>
<td>100</td>
<td>115</td>
<td>30000</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Remarks:
- LED gear not incorporated.
- 93360615 - gear LED driver (350 mA 8W IP67)

### LED Conv. Down

<table>
<thead>
<tr>
<th>Article nr</th>
<th>Mod</th>
<th>Asym</th>
<th>Sym</th>
<th>H up</th>
<th>H down</th>
<th>C dist</th>
<th>C-o up</th>
<th>C-o down</th>
</tr>
</thead>
<tbody>
<tr>
<td>93360942</td>
<td>70</td>
<td>100</td>
<td>100</td>
<td>115</td>
<td>30000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>93360943</td>
<td>70</td>
<td>100</td>
<td>100</td>
<td>115</td>
<td>30000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>93360944</td>
<td>70</td>
<td>100</td>
<td>100</td>
<td>115</td>
<td>30000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>93360945</td>
<td>70</td>
<td>100</td>
<td>100</td>
<td>115</td>
<td>30000</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Remarks:
- LED gear not incorporated.
- 93360655 - gear conventional 6 LED (max. 13 x 6 LED)

**All dimensions in mm / mod = module dimension / asym = asymmetric / sym = symmetric / h up = height up / h down = height down / c dist = centre distance / c-o up = cut-out up / c-o down = cut-out down**
When using indirect light the golden rule is that the entry angle for the light should be the same as the exit angle.

Two factors which also determine whether a symmetrical or asymmetrical light output is necessary are the **position of the installation and the choice of material**. The distance between the H2A fitting and the ceiling surface is also decisive for the exit angle of the light. The material and colour chosen for the ceiling and wall also determine the degree of light reflection. The option of integrating a symmetrical or asymmetrical light output in H2A makes it possible to cope with the above variations in assembly, materials and colours. By equipping H2A with a **symmetrical or asymmetrical light output**, Modular guarantees **optimum indirect light radiation** specific to the room design/fixtures and the installation facilities.

The H2A-profile’s continuous fluorescence uplight module is equipped with a white symmetrical reflector on a standard basis. This provides an even light output. An asymmetrical light output is available as an option and this ensures that the light shines on the target surface under a corner. This means that the light strength prescribed by the standard can be obtained in the room.
The H2A High Power LED module is a unique development that was designed as an accent light and/or reading light. The High Power LED is the latest generation LED, which makes it possible to offer high output. High Power LED is a compact spotlight source which is energy saving and efficient. The LED is encapsulated in a lens which means the light dispersal is packed into a 15° angle. Thanks to the 355° horizontal and approximately 55° vertical directability, the one or two lamp LED module can be pointed at the optimum reading surface that the patient wishes to create for him or herself. The LED module is equipped with cold white (6000 Kelvin) or warm white LEDs (3200 Kelvin).
A conventional **4 colour** (amber, red, blue and white) LED module provides minimum orientation lighting at night for staff or patients. The 6x5mm conventional LED (Light Emitting Diode) comprises a lead frame onto which a chip is soldered. Due to its relatively low light output, the conventional LED is specifically used in the H2A profile for **indirect and direct orientation lighting**.

On the one hand H2A can contain conventional LEDs which spread diffuse light because they are built in behind the matt polycarbonate in the profile. On the other hand, direct orientation light can be created. The conventional LEDs below the H2A profile actually spread the light through an opening in the profile.
Modular has developed a polycarbonate extrusion specifically for H2A which consists out of one piece of 6000mm. This development means that the polycarbonate is more robust, easy to install and guarantees a perfect finish for easy-cleaning purposes. Furthermore, the extruded polycarbonate has passed the incandescent filament test (960°) and the material is categorised as IEC 60598-1.

The lighting module for indirect room lighting can be equipped with one or two T16 24W/39W or 54W lamps. The upper side of the H2A module is finished with a transparent or diffuse polycarbonate. Polycarbonates create a difference in light output and aesthetics. Modular’s advice is decisive, particularly in the area of light output.
COLOUR FINISH

The H2A basic profile is supplied in anodised aluminium on a standard basis. However, it is possible to powder paint the profile in the typical Modular colours (white structure, black structure) and in any other RAL colour. Thanks to this flexibility, H2A meets the requirement of creating a good feeling in the most diverse interior designs. The RAL-coloured profiles have a glossy or structured finish.
H2A, MADE TO MEASURE PROFILE

H2A is a flexible and modular system that offers made to measure lighting solutions. Different characteristics can be adjusted in relation to the application. Finally, the lighting study and lighting calculation will prescribe the correct characteristics in order to offer an ideal lighting solution.

H2A flexibility in short:
1. made to measure length of the profile
2. different lighting modules available
   a. T5 continuous
   b. 2xT5 warm, cold or alternating warm/cold
   c. High Power or conventional LED-modules
3. polycarbonate transparent or diffuse
4. colour finish
5. possibility to stear dimming systems
6. daylight dimming through use of optical sensor
7. emergency unit
8. asymmetrical light emission optional

HUMAN NEEDS
- visibility
- task performance
- social contact
- well-being
- health
- safety
- mood and atmosphere

LIGHTING QUALITY

ECONOMICS AND ENVIRONMENT
- installation
- maintenance
- energy
- environment

ARCHITECTURE
- form
- composition
- style
Due to the modular features of the system, H2A is a lighting profile which can combine different light intensities and ambiences with one another. The one lamp continuous lighting line contains T5 24W/39W/54W with a cold or warm white lighting colour that can be operated by 3 dimming systems: 1-10V, dali and pushdim. In particular, the two lamp module, which can be equipped with a double circuit, makes it possible to create the appropriate restful or stimulating atmosphere with two light colours (warm white and cool white). Both systems (one or two lamps) can be generated by the optics sensor on condition that 1-10V dimming is applicable.

The optical sensor is mechanically set to a specific lux value. The sensor measures the variation in light strength in the room and then sends a signal to a maximum of twenty 1-10V ballasts which are connected to 1 circuit. The system provides an energy-saving solution because the sensor dims the lamps accordingly as daylight increases.
The angular polycarbonate that closes off the slanting side of the H2A profile illuminates when a T5 down module is integrated. Depending on the selected lamp power (24W, 39W or 54W) the lighted zone becomes bigger or smaller. The direct light output from the different modules is reinforced by using an integrated white reflector to create better reading, working or ambient lighting among other things.

Polar diagram downlight modules: p21
The H2A High Power LED module is a unique development that was designed as an accent light and/or reading light. The LED is encapsulated in a lens which means the light dispersal is packed into a 15° angle. Thanks to the 355° horizontal and approximately 55° vertical directability, the one or two lamp LED module can be pointed at the optimum reading surface that the patient wishes to create for him or herself. The LED module is equipped with cold white (6000 Kelvin) or warm white LEDs (3200 Kelvin) with 49 lumen per watt and 37 lumen per watt respectively.

A conventional LED module in 4 colours provides minimum orientation lighting at night for staff or patients.

On the one hand, H2A can contain conventional LEDs which spread diffuse light because they are built in behind the matt polycarbonate in the profile. The diffuse light effect is reinforced by the fact that a small matt polycarbonate is placed before the lenses.

On the other hand direct orientation light can be produced. The LEDs which spread light towards the wall under the H2A profile sit in a single line with the lowest polycarbonate.
Legend polair diagram

MV = maximum value (in cd/klm)
LOR = light output ratio
all values in cd/klm

Legend beam diagram

H(m) = distance in meter between light source and reference level
Eav = average illuminance level
D(m) = diameter of the light source at half intensity
η = efficiency

Performance 21
LIGHTING CALCULATIONS

ROOM DIMENSIONS
- width: 4.20m
- depth: 3.90m
- height: 2.80m

REFLECTANCE VALUES
- ceiling/wall/floor: 70/50/30 %

LUMINAIRE
- height above floor: 2.10m
- light loss factor: v=0.8

CASE 1
- equipment: 1xT5 54W poly down
- height calculation surface: 1.10m
- average lux value on reading surface: 302 lx

The H2A 1x54W downlight module measured at a height of 1.1m gives the minimum required 300 lux as an average result on a reading surface of 300x900 mm.

CASE 2
- equipment: 4xT5 54W poly up
- height calculation surface: 0.00m
- average lux value at floor level: 127 lx

The H2A indirect uplight module alone achieves the minimum required 100 lux on average at floor level in this set-up.
**CASE 3**

**equipment** 4xT5 54W up + 1xT5 54W poly down  
**height calculation surface** 0.85m  
**average lux value at examination level** 421 lx

The H2A indirect uplight module, combined with a 1x54W down module achieves the minimum required 300 lux on average at a height of 0.85 m on the bed. This combination is deemed as adequate for examination lighting.

**CASE 4**

**equipment** 4xT5 54W up + 2x LED high power warm white  
**height calculation surface** 1.10m  
**average lux value on reading surface** 355 lx

The combination of H2A 4x54W with 2 high power LEDs creates sufficient reading light at a height of 1.1 m over a surface of 300x900 mm. This also indicates that the LED module is more an ancillary light, and not a stand-alone reading light.
The light output can be regulated from 0.1% to the maximum with 1 to 10V dimming. The dimmer is switched off at 1V (it acts as a solid-state relay). The dimmer can be a potentiometer (revolving dimmer), a dmx panel or another 1 to 10V control here.

**PUSH DIM dimming system**

PUSH dim means that an intelligent preswitching device reacts to two signals:

1. pressing the switch briefly produces an on/off signal. By doing so the power is sent to the lamp (on) or interrupted (off).

2. pressing the switch for a long time activates a dimming function. The light intensity decreases or increases depending on whether the user pushes for a short or long time.

The push dim system also contains a memory so that the last dimming state is reactivated after switching off and switching on again.

**DALI dimming system**

With DALI dimming, the intelligent preswitching devices acts as an address. Each switch can control a lamp or call up a predefined ambience. The relationships between preswitching devices and switches can be modified digitally at any time. Predefined dimming statuses can also be assigned to switches.
‘EASY MOUNTING’

01 draw straight line on wall  
02 drill fixation holes on line  
03 plug in plugs for wall construction  
04 fix mounting rail  
05 remove upper polycarbonate

06 remove reflector  
07 drill power feed hole in back of profile (min. 12mm)  
08 put wire through opening  
09 hang profile on the mounting rail  
10 lock profile on rail by fixing the screws

11 make electrical connection  
12 place back the reflector and fix  
13 place lamp  
14 place polycarbonate
‘EASY RELAMPING’  upper side

01  remove upper polycarbonate
02  remove lamp
03  place new lamp
04  place polycarbonate

‘EASY RELAMPING’  lower side

01  remove lower polycarbonate
02  remove lamp
03  place new lamp
04  place polycarbonate

‘EASY CLEANING’

01  use cloth to remove dust from top cover
Energy saving is a burning issue when renovating or building hospitals or public clinics. Using light sources efficiently is one of the ways in which the energy bill can be reduced.

H2A is a new product development which can be called energy-efficient at different levels. Modular started research some years ago on integrating environmentally-friendly features into its production process and products. The Modular ECO label combines the three most important pillars. A new product development must meet at least one of the three criteria to be able to carry the ECO label:

1. Long lifespan of the light source
2. High output from the light source, expressed in lumen per watt
3. Integration of electronic ballasts

H2A is equipped with electronic ballasts which can be adjusted using the three commonest dimming protocols: 1-10V dimming, push dim and DALI. Thanks to this compatibility of the system, regulating the intensity of artificial light by using movement detectors or automatic daylight control systems is an easy way of using the light source as efficiently as possible.

The H2A modules are also equipped with T16 fluorescence light sources (24W, 39W or 54W) which guarantee a long lifespan. Achieving the optimum lifespan of fluorescent lamps is favoured by using high-quality pre-switching equipment.
An additional accent light is equipped with High Power LEDs. The High Power LED guarantees particularly low energy consumption and a high light yield. Moreover it outclasses a lot of other traditional light bulbs. A LED’s energy consumption is substantially lower than that of traditional lamps. The High Power LED’s colour offering is also extensive with H2A. The warm white LED gives a more natural, warm radiance and has a colour temperature of 3200K. A cold white LED produces an icy blue, cold light and has a colour temperature of 6000K.

A good fixture yield derives from a good design. This is why particularly extensive attention was paid to the right choice of reflectors and polycarbonate covers when developing the H2A light components. High yields are therefore also a logical outcome. After all, everyone is pleased to see low energy bills arrive. Thanks to the increased fixture yields it is possible to meet requirements under the EN 12464-1 norm quickly with a minimum installation. The studies on pages 22 and 23 show this.

Modular is one of the first lighting companies to be awarded the prestigious ISO14001 environmental certificate. This guarantees that the organisation is set up to produce, develop and distribute lighting fixtures according to environmentally friendly procedures.

Modular also owns the ISO 9001 certificate.
starring: diablo, donut, square moon, SL 100
architect: Stephan Balcaen
project: AZ, Lokeren, Belgium
starring: diablo, lotis
architect: Stephan Balcaen
project: AZ, Lokeren, Belgium
starring: halfpipe, 5 line in
architect: Luyten & Lens
project: St. Andries Hospital, Tielt, Belgium.
Projects

starring: H2A, square moon
architect: Amélie Huybrechts, AZ Sint-Jan AV
project: AZ Sint-Jan AV, Bruges, Belgium
starring: SL 149
architect: Boeckx & Partners
project: Yperman Hospital, Ypres, Belgium
starring: square moon
architect: DD & Architecten
project: Heilig Hart Hospital, Ypres, Belgium
stairing: 5-line in, geo, flush gate
architect: Fabian d'Heude, APZ St. Lucia
project: APZ St. Lucia, Sint-Niklaas, Belgium
starring: 45 only
architect: Fabian d'Hondt, APZ St. Lucia
project: APZ St. Lucia, Sint-Niklaas, Belgium
Projects

starring: 45 only
architect: AVA, Patrice Neirinck
project: CPAE, Brussels, Belgium
starring: tony
interior architect: Interieur Coopman
project: Orthopedic Deneveth, Gits, Belgium
Projects

starring: diablo, guidor
interior architect: Archimed
project: Dentist Cloet, Waregem, Belgium
starring: baseline, downie (special), square moor
architect: UZ Ghent
project: UZ, Ghent, Belgium
Modular reserves the right to alter material, dimensions and characteristics without prior notice. This catalogue replaces all previous catalogues. Read installation-instructions carefully. Technical information on the installation-instruction has precedence over the information in the catalogue and the legend. Do not use aluminium fixtures in the nearness of chlorine. Weights indicated are fixture including packaging. Op alle bestellingen en overeenkomsten met Modular zijn onze algemene voorwaarden onverminderd van toepassing. Een kopie hiervan kunt u op aanvraag ontvangen. Nos conditions générales sont applicables sans préjudice sur toutes les commandes et sur toutes les conventions avec Modular. Vous pouvez recevoir une copie de ces conditions sur demande. Our general terms and conditions shall apply notwithstanding any stipulation to the contrary to all the orders and agreements with Modular. You can obtain a copy of these conditions on demand. Unsere allgemeine Geschäftsbedingungen sind weiterhin anwendbar für alle Bestellungen und Vereinbarungen mit Modular. Sie können eine Kopie von diesen Bedingungen bekommen auf Anfrage.

For information on the full Modular range, please don’t hesitate to order catalogue via welcome@supermodular.com