

# Power of light 2019—2020

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# Power of experience

We are czech manufacturer and exporter of technical design luminaires.

In Halla, we believe that high-quality lighting provides a better experience of a place whether you are at home, at work, in a restaurant or a gym.

**27**

Years on the market

**50**

Countries where Halla lighting is used

**123**

Employees

**3000**

Projects for the year 2018

**3 mil CZK**

Investment in research for the year 2018



## Our story

We started out in a small workshop

We began assembling the first luminaires in a rented cellar in 1992. Today, 30,000 of them are made in a modern production hall. Sometimes, it seems like a light year has passed since the beginning. But our passion for beautiful lights still keeps us captivated.

Obstacles such as commitment to growth

When the economic crisis hit us hard in 2009 and our revenues declined by 41% from one day to the next, we could either give up or adapt. We had to streamline the company, transform the business and marketing strategy and add more passion to our work.

Combining quality and design

In the beginning, technical parameters were our primary focus. An exhibition in Hanover in 1997 opened our eyes and doors to the world of light. We added a unique appearance to the quality and began to develop lighting that combined top performance and a unique design.



# Power of detail

## Technical Support

Our Technical Support department attends dozens of conferences and training sessions a year. Direct your questions straight to a technician without any go-between.

What can we do for you?

We help create projects from A to Z, we will prepare training and presentations, we provide the technical and photometric data of luminaires, we process technical light calculations.

All support tools in one place on our website.

- BIM BIM objects for ARCHICAD and Revit
- 3D models DWG for AutoCAD, 3DS for 3DS Max, 3DM for Rhino
- DIALux Plug-in
- Eulumdata Fotometric data in format .ldt a .ies for use in RELUX, WILS, AGi32 and other

Contact us: [tech.support@halla.cz](mailto:tech.support@halla.cz)

## Development laboratory

For the development of luminaires thermal and optical measurement is essential and is performed in the development laboratory.

The principal areas of the laboratory are the black room with goniophotometer and integrating sphere and thermal draught-proof chamber. The dropped ceiling for installation and testing of luminaires is also a part of it.

The Halla laboratory has a very low value for the deviation of measurement, which is 4%.



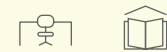
## Human Centric Lighting

Human Centric Lighting adapts to circadian, or biological, human cycles. Luminaires adapted to these rhythms work by mimicking natural sunlight.

Lighting on the principle of HCL is applied where people work, learn, and live. Everywhere they need light that helps with everyday activities. The lighting is suitable for working areas, hospitals, schools or retirement homes.



TunableWhite (TW)



Our luminaires feature Tunable White HCL technology.

Basi, Burbu, Gatu, Huge, Indi, Inlio, Ixyo, Kvado, Labro80, Leira, Legio-S, Lina80, Lina80-S, Lipo60, Lipo60-S, Lipo80, Lipo80-S, Mila-S, Puri, Ravo, Rotao, Rundo, Sant, Sant-T, Sant-S, Torve, Ture and Zuli.

We are part of the Lighting Europe association that brings lighting companies together. Lighting Europe focuses on changes in technology, especially LEDs.

## Special sources

Luminaires for retail include LEDs for illuminating specific products and colors.

Eight out of ten customers do their shopping based on feelings. The initial impression decides whether the goods are appealing. Lighting plays an important role in this - a properly lit product attracts attention, making it more appealing for the customer.

StrongColour (SC)



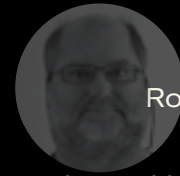
RealColour (RC)



RealWhite (RW)



## Designers



Rob van Beek

This world-renowned Dutch designer and architect is dedicated to the lighting designs of the royal Dutch palaces. Rob designed the Tres, Mila, Unda luminaires for us as well as the award-winning Sant.



Serge Cornelissen

You will find perfectly sophisticated proportions and details in his luminaires. Serge has been cooperating with us since 2016 and designed the Vima luminaire.



Matúš Opálka

Matúš's luminaires have a minimalist design, innovation and functionality. He is responsible for the Inlio, Ixyo, Indi, Ilbi, Ilbi+ luminaires and has received the Red Dot Design Award 2014 and others.



Matyáš Kočnar

Matyáš is one of the great hopes of Czech design. The Tupli and Torpi luminaires, which were awarded the Red Dot Design Award 2015 / Design Concept attest to his abilities.

## Awards



reddot design award  
winner 2014



reddot design award  
winner 2015



Simona Hrušková

She believes that the path to success leads through functionality, emotion, simplicity and sustainability. The gifted Czech designer designed the Bent luminaire which has won three awards.


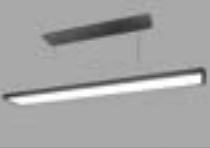









Kryštof Nosál









This talented designer owns Nosál Design studio, where he creates with a simple rule: to offer uncomplicated solutions with a clear idea. The Red Dot Design Award winner enters our ranks with the latest Shift luminaire.










Single luminaires

<b>Zuli</b>		28	<b>Inlio</b>		31
<b>Sant</b>		34	<b>Lina80</b>		40
<b>Labro80</b>		37	<b>Lipo60</b>		43
<b>Lipo80</b>		46	<b>Tres</b>		53
<b>Ilbi</b>		50			





<b>Rundo</b>		56	<b>Huge</b>		59
<b>Puri</b>		62	<b>Ineli</b>		65
<b>Indi</b>		68	<b>Rotao</b>		72
<b>Leira</b>		75	<b>Kvado</b>		79
<b>Burbu</b>		82	<b>Alumo60</b>		85
<b>Alumo80</b>		88			

<b>Shift</b>		91	<b>Vali</b>		94
<b>Ixyo</b>		97	<b>Drob</b>		100
<b>Vima</b>		103	<b>Tulpi</b>		105
<b>Torpi</b>		107	<b>Sant-T</b>		109

<b>Ture</b>		112	<b>Ravo</b>		115
<b>Torve</b>		118	<b>Basi</b>		121
<b>Gatu</b>		123	<b>Moza</b>		126

<b>Bent</b>		128	<b>Ilbi+</b>		131
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Lighting systems

<b>Flumo-S</b>		136	<b>Mila-S</b>		139
<b>Unda-S</b>		142	<b>Legio-S</b>		145
<b>Lina80-S</b>		150	<b>Lipo60-S</b>		152
<b>Lipo80-S</b>		148	<b>Sant-S</b>		160






Case study

# Chodov Shopping Center

Studio Benoy

 Lina, Gatu, Basi

After undergoing refurbishment in 2017, the Chodov Center is now one of the largest and most important shopping centers in the Czech Republic. One of the challenges of the project was to balance the level of artificial lighting in areas adjacent to natural light so that both means of lighting match each other.

The lighting is provided in the form of recessed ceiling luminaires in gold slots, in combination with perimeter cornice lighting, where the light changes from neutral white to warm white during the day. The lighting is supplemented by Lina straight line opal luminaires, and the imaginative installation of Gatu and Basi spotlights imparts a certain dynamic to the space.







Case study

# University Hospital Olomouc

Architect: Adam Rujbr

 Puri, Indi

The newly opened building of the University Hospital Olomouc is the only building of its kind in the Czech Republic to meet the standards of a passive building. This U-shaped building is remarkable from the standpoint of its overall design, technical and structural solutions. This hospital building with nearly zero consumption and practical for all users has imposed a higher contemporary standard of quality and savings on medical facilities.



The lighting reflects the needs of both patients and staff. The hallways are lined with LED tracks and illuminated handles. To ensure the required light intensity, the ceilings are fitted with recessed round Puri luminaires with motion sensors and the intensity of day lighting is controlled by DALI protocol. Circulars of different diameters in a random arrangement act to relax and reduce the stress of patients. All the light sources in the hallways and waiting rooms have the same 3500 K chromaticity, which is a color pleasing and soothing to the human eye. In the examining rooms, the chromaticity is 4000 K, the color of light that best ensures faithful color reproduction, which is necessary for medical procedures.





Case study

# Lighting of Škoda showrooms

OIKOI ARCHITEKTI s.r.o.



Gatu, Torve, Basi, Ravo, Lina, Sura a Saza

There are high and specific demands for lighting showrooms. The manual for lighting Škoda showrooms precisely defines individual zones (exhibition space, highlight, dealer zone, communications zone) and scenes, including maintaining the colour temperature and intensity of light for each of these zones. The aim was to ensure that the illumination of the exhibited cars have 4x higher intensity compared to the communication zones, and "Highlight" especially has 8x higher intensity and higher colour temperature compared to the communication zones. The dealer zone is particularly distinguished from the exhibition zone by a lower colour temperature emitted from the light sources.



Gatu, Torve, Basi and Ravo recessed luminaires and Lina profile luminaires were used. The advantage of these luminaires was a big variety of light flows, a selection of Type of light distribution angles, colour temperatures and directional capability. In recent years, 72 car dealerships have been newly built or reconstructed with Halla luminaires. The OIKOI architectural firm was responsible for the architecture of the projects.







Case study

# Children's groups Zvonek and Klíček

Architektonická a inženýrská kancelář TaK

Huge, Ravo

The children's groups Zvonek and Klíček in TeTa Palace fall under the Human Resources Department of Prague City Hall. The project was designed by TaK architectural and engineering office and lights up the room with Huge luminaires with Human Centric Lighting technology.



When set to automatic, the sensors adjust the luminaires to the colour temperature and intensity of daylight. The light in the classroom is then sufficient and natural for the whole day.

Other options include presetting lighting modes for different activities and easily switching them, as needed, with adjustable intensity. White light (6500 K) is good for active work and concentration, yellow light (2700 K) for quieter activities.

“I can feel for myself how the light affects my performance. When the light is low, I want to sleep, my eyelids get heavy, I don't want to work and rather go home.” This is how Mgr. Andrea Hájková, the director of the children's groups, described the effect of light.

“We manage comfort here holistically, connecting light with temperature and fresh air – both are set just right and above all are controlled automatically. There never comes the time when we say it's too dark, we must turn on the lights. We have the lights on from the beginning to the end of the day and have not observed any changes in the children's behavior. Only in intimate situations do we dim the lights – when the kids or colleagues are changing or we are getting the children dressed. This is mainly so they cannot be seen through the window,” she added.








Case study

# Kiwi.com

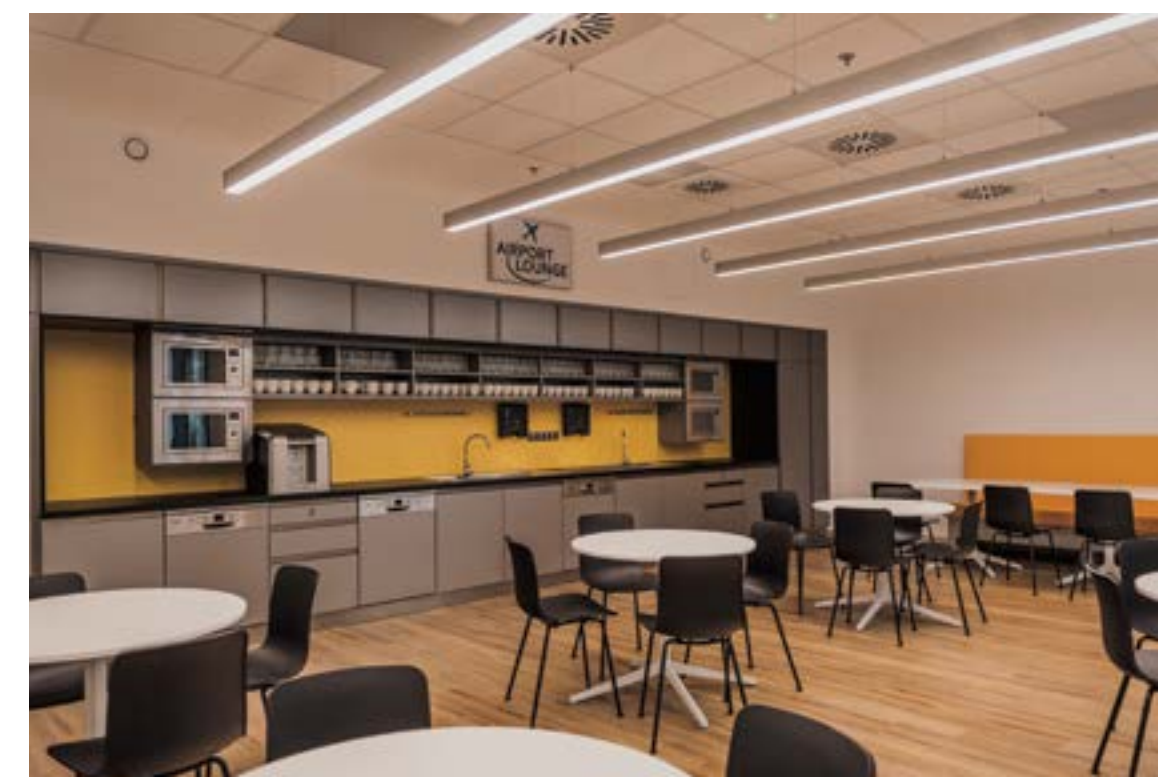
Atelier Horalík

 Lina, Rundo

The rooms for the travel start-up have been individually tailored to each of the 3 basic parts of the company - call center, IT and management, and are the work of the Horalík Atelier.

Kiwi.com is typical for its unsurpassable commitment and so a big part of it has been devoted to relaxation and entertainment features, which include relaxation rooms, swing meeting corners, grass sitting areas with views of the sunset, and fitness or sauna facility with massage. Generous room was designed for creative IT, namely as a semi-open space made of individual semi-closed “boxes”, where the spatial concept deliberately invokes the slightly jumbled work atmosphere of the original headquarters of the interwar villa. Management offices are more frugal, but conceptually close to IT.

Both linear and circular luminaires were designed for the space to adequately highlight the interior and overall atmosphere. But the calculation also took into account the combination of luminaires of various diameters, lengths and light flows.



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**Single luminaires**

[www.halla.eu/zuli](http://www.halla.eu/zuli)

Single luminaires

# Zuli

Do you remember the buzzing and flickering lights of your classroom? Fortunately these are long gone. Zuli pendant and surface-mounted LED luminaires ensure comfortable lighting in the classroom, offices and hospitals without these annoyances. These luminaires have direct or direct-indirect emission, with a choice of four lengths and microprism optics, grid and opal diffuser.



Type of installation



Type of light distribution



Colour



Dimensions

(l × w × h mm)

1122 x 125 x 50

1222 x 125 x 50

1403 x 125 x 50

1503 x 125 x 50

1135 x 125 x 50

1415 x 125 x 50

Material  
aluminium

Optical system

microprismatic optical system  
polished/matt parabolic louvre  
asymmetrical reflector  
opal diffuser

Light source

LED MODUL

Electrical connection

on/off

DALI

DALI DT8

emergency 1h

emergency 3h

control via bluetooth





[www.halla.eu/inlio](http://www.halla.eu/inlio)

Single luminaires

# Inlio

Inlio is the pinnacle of office lighting. However, it can also be used in car showrooms and other representative spaces. It is characterized by 2 x 2 x 2. What does that mean? Two top technologies, two top parameters and two design features. Inlio with direct-indirect lighting offers two Edge Lighting and Tunable White technologies. Inlio luminaire implements the Human Centric Lighting principles, simulating thus natural daylight.



Design: Matúš Opálka



Type of installation



Type of light distribution



Colour



Dimensions  
(l × w × h mm)

1180 x 183 x 24

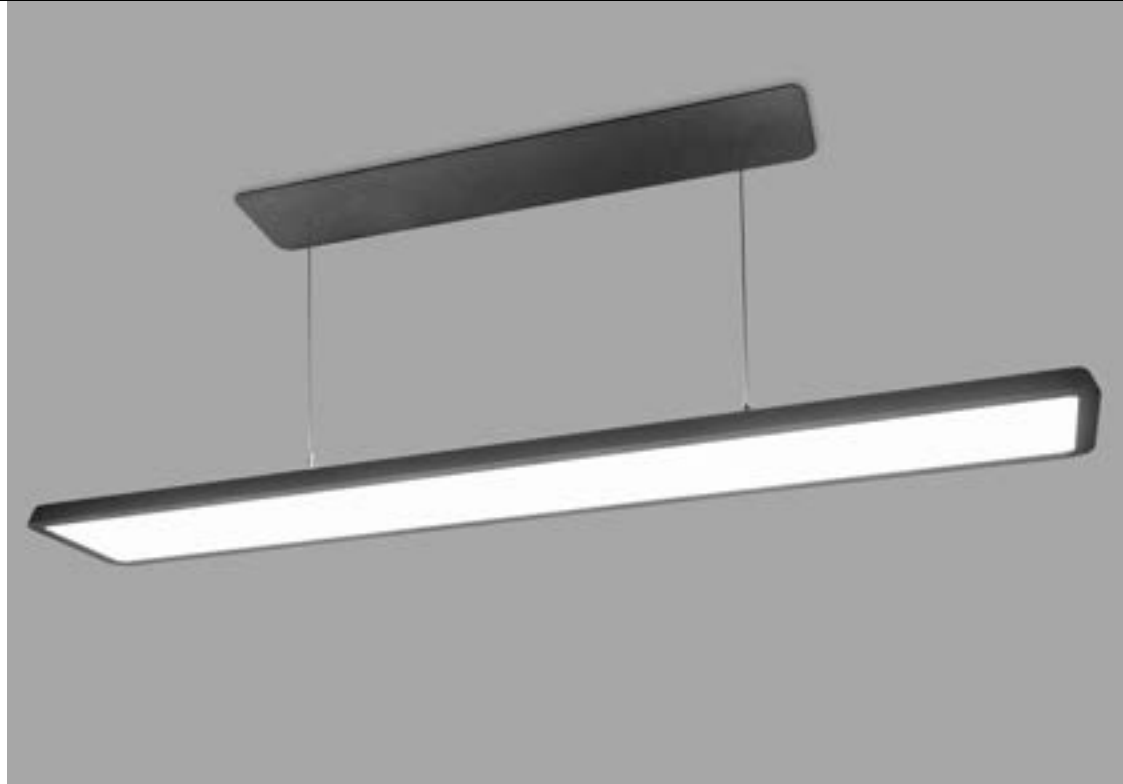
1330 x 183 x 24

Material  
aluminium

Optical system  
microprismatic optical system

Light source  
LED MODUL

Electrical connection  
on/off  
DALI  
DALI DT8



[www.halla.eu/sant](http://www.halla.eu/sant)

Single luminaires

# Sant



The Dutch designer Rob van Beek imbued this LED linear luminaire with an opal diffuser with a universal visage. In the Czech Republic, Sant was specially made for LED sources and Human Centric Lighting technology. In practice, it looks like the light changes intensity and color according to biological rhythms. People thus feel natural in closed spaces, because the lighting simulates daylight. If you are looking for individual linear lights for an office, school or hospital, you've just found it.

Design: Rob van Beek

Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

1128 x 66 x 92

1408 x 66 x 92

For other dimensions  
or shapes Sant - S

160

Material  
aluminium  
plastic

Optical system  
opal diffuser

Light source  
LED MODUL

Electrical connection  
on/off  
DALI  
DALI DT8  
emergency 1h  
emergency 3h  
control via bluetooth





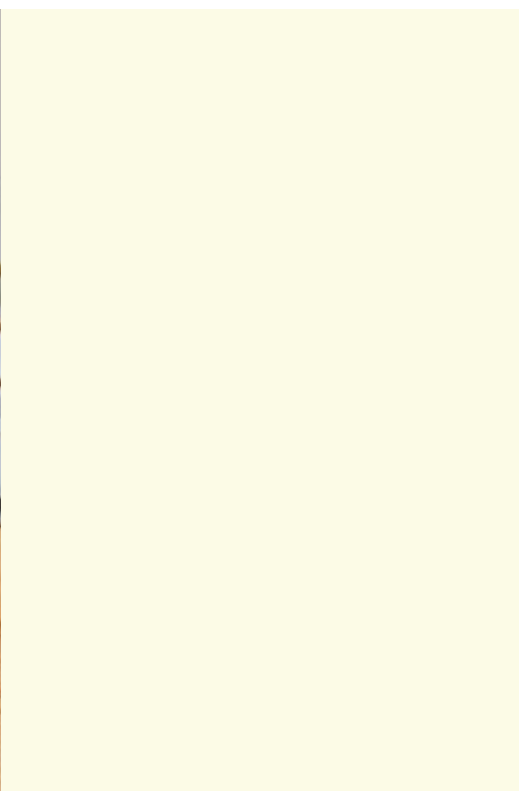
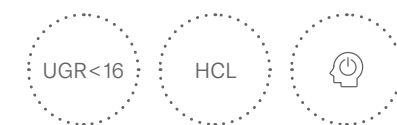


[www.halla.eu/labro80](http://www.halla.eu/labro80)

Single luminaires

# Labro80

The highest demands are placed on the lighting parameters for office luminaires. Labro80 luminaires meet and exceed all strict conditions for office lighting needs. They deliver glare ratings of UGR <19, and one model even delivers UGR <16! Surface mounted and suspended direct and direct-indirect lighting variants are available.





## Type of installation



## Type of light distribution



## Colour

Dimensions  
(l x w x h mm)

1130 x 80 x 93

1410 x 80 x 93



1230 x 80 x 93

1510 x 80 x 93

## Material

aluminium

## Optical system

microprismatic optical system  
matt parabolic louvre

## Light source

LED MODUL

## Electrical connection

on/off

DALI

DALI + sensor

DALI DT8

emergency 1h

emergency 3h

control via bluetooth

[www.halla.eu/lina80](http://www.halla.eu/lina80)

Single luminaires

# Lina80

Lina80 luminaires with an easy L-Click system feature an elegant and classic linear design with excellent illumination characteristics with both ceiling mounted and suspended versions, allowing them to fit into almost any space. Lina80 lighting is the right solution for offices, business, social and cultural spaces, as well as households and restaurants.



Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

1130 x 80 x 93

1410 x 80 x 93



1230 x 80 x 93

1510 x 80 x 93

For other dimensions  
or shapes Lina80-S

148

Material

aluminium

Optical system

microprismatic optical system  
opal diffusor

Light source

LED MODUL

Electrical connection

on/off

DALI

DALI + sensor

DALI DT8

emergency 1h

emergency 3h

control via bluetooth





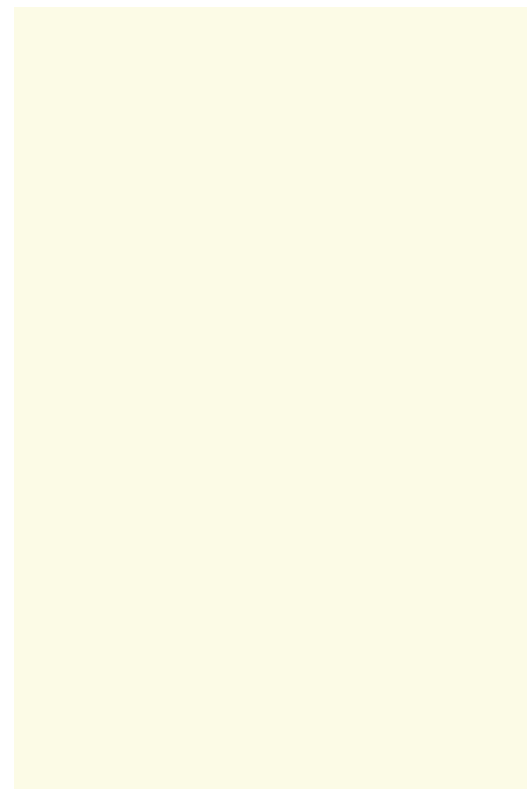


[www.halla.eu/lipo60](http://www.halla.eu/lipo60)

Single luminaires

# Lipo60

You will appreciate the L-Click system on the Lipo60, which effectively saves you both time and money. How? The module simply clicks into the profile, so a lot of work is saved during assembly. This solution also prevents the direct touch of the LED technology and lengthens its operating life. In addition to great power output, the luminaire also has a great price. It will find its use in commercial, social and public spaces.







Dimensions  
(l x w x h mm)



1130 x 57 x 67  
1410 x 57 x 67



1230 x 57 x 67  
1510 x 57 x 67



1142 x 76 x 67  
1422 x 76 x 67



1242 x 76 x 67  
1522 x 76 x 67

For other dimensions  
or shapes Lipo60-S



152



Type of installation



Type of light distribution



Colour



Material

aluminium

Optical system

microprismatic optical system  
opal diffusor

Light source

LED MODUL

Electrical connection

on/off  
DALI  
DALI + sensor  
DALI DT8  
emergency 1h  
emergency 3h  
control via bluetooth



[www.halla.eu/lipo80](http://www.halla.eu/lipo80)

Single luminaires

# Lipo80

You will appreciate the L-Click system on the Lipo80, which effectively saves you both time and money. How? The module simply clicks into the profile, so a lot of work is saved during assembly. This solution also prevents the direct touch of the LED technology and lengthens its operating life. The Lipo80 lighting system with efficiency up to 125lm/W comes in recessed, ceiling mounted or suspended version. In addition to great power output, the luminaire also has a great price. It will find its use in commercial, social and public spaces.



Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)



1130 x 80 x 93

1410 x 80 x 93



1230 x 80 x 93

1510 x 80 x 93



1142 x 98 x 84

1422 x 98 x 84



1242 x 98 x 84

1522 x 98 x 84

For other dimensions  
or shapes Lipo80-S

156



Material  
aluminium

Optical system  
microprismatic optical system  
opal diffusor

Light source  
LED MODUL

Electrical connection  
on/off  
DALI  
DALI + sensor  
DALI DT8  
emergency 1h  
emergency 3h  
control via bluetooth







[www.halla.eu/ilbi](http://www.halla.eu/ilbi)

Single luminaires

# Ilbi

When Matúš Opálka closed himself into his study for a month, we were wondering what he would come up with. He designed lighting that gives off a gentle but luxurious effect. The indirect two-sided Type of light distribution with reflection from the wall creates a pleasantly soft light with adjustable intensity.

Design: Matúš Opálka



#### Type of installation



#### Type of light distribution



#### Colour



#### Dimensions

(l x w x h mm)

616 x 37 x 106

896 x 37 x 106

1176 x 37 x 106

1456 x 37 x 106

1736 x 37 x 106

2016 x 37 x 106

2296 x 37 x 106

Material  
aluminium

Optical system  
opal diffusor

Light source  
LED MODUL

Electrical connection  
on/off  
DALI



[www.halla.eu/tres](http://www.halla.eu/tres)

Single luminaires

# Tres

The Tres family of luminaires with separate control for direct and indirect lighting is based on the concept of Rob Van Beek, chief designer of lighting in the royal palaces in the Netherlands. Rob made himself happy and designed the Tres for his 60th birthday, which in Danish means sixty.



Design: Rob van Beek





Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

1686 x 50 x 135

2246 x 50 x 135

Material  
aluminium

Optical system  
microprismatic optical system  
opal diffuser

Light source  
LED MODUL

Electrical connection  
on/off  
DALI



[www.halla.eu/rundo](http://www.halla.eu/rundo)

Single luminaires

# Rundo

A round luminaire with an aluminium profile with a height of 62 mm and an excellent luminous efficacy of up to 145lm/W providing the given space lightness and appeal. The luminaires are pendant or flush-mount, with a direct or direct-indirect beam creating an interesting aura effect.



Type of installation



Type of light distribution



Colour



Dimensions  
(ø x h mm)

400 × 62

500 × 62

600 × 62

850 × 62

Material  
aluminium

Optical system  
microprismatic optical system  
opal diffusor

Light source  
LED MODUL

Electrical connection  
on/off  
DALI  
DALI DT8  
DALI + sensor  
emergency 1h  
emergency 3h  
control via bluetooth







[www.halla.eu/huge](http://www.halla.eu/huge)

Single luminaires

## Huge

A round luminaire with an aluminium profile with a height of 87 mm and an excellent luminous efficacy of up to 145lm/W. A 'huge' family not only in name, but in function and dimension, with a diameter of up to 850 mm. Flush-mount and pendant luminaires as basic lighting for commercial and residential spaces at an affordable price. A round luminaire with an aluminium profile with a height of 87 mm and an excellent luminous efficacy of up to 145lm/W. A 'huge' family not only in name, but in function and dimension, with a diameter of up to 850 mm. Flush-mount and pendant luminaires as basic lighting for commercial and residential spaces at an affordable price.



Type of installation



Type of light distribution



Colour



Dimensions  
(Ø x h mm)

- 300 x 87
- 400 x 87
- 500 x 87
- 600 x 87
- 850 x 87
- 950 x 129
- 1240 x 129
- 1500 x 129

Material  
aluminium

Optical system  
microprismatic optical system  
opal diffusor



Light source  
LED MODUL

Electrical connection

- on/off
- on/off+ PIR
- DALI
- DALI DT8
- DALI + sensor
- emergency 1h
- emergency 3h
- control via bluetooth

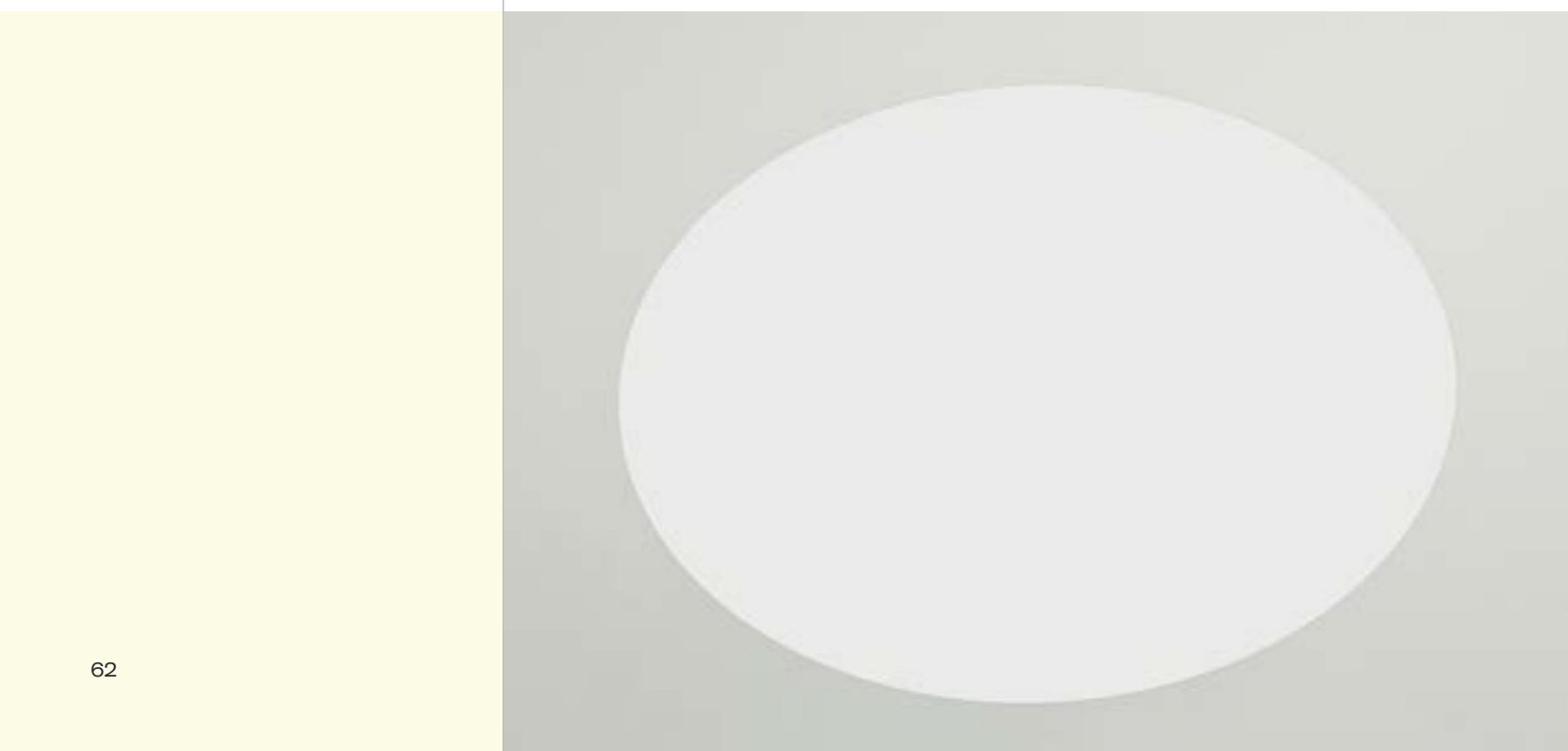


[www.halla.eu/puri](http://www.halla.eu/puri)

Single luminaires

# Puri

We were contemplating about how to achieve total design clarity, and so the family of Puri built-in circular luminaires was built. Choose between the framed and frameless version. Puri luminaires merge with interiors and also playfully combine with other round luminaire families.



Type of installation



Type of light distribution



Colour



Dimensions  
(Ø x h mm) □ ▢

- 266 x 125
- 384 x 125
- 464 x 125
- 664 x 125
- 964 x 125
- 1264 x 125

(Ø x h mm) □ ▢

- 236 x 125
- 355 x 125
- 435 x 125
- 633 x 125
- 924 x 125
- 1203x125

Material  
**aluminium**

Optical system  
**microprismatic optical system  
opal diffusor**

Material  
**LED MODUL**

Electrical connection  
**on/off  
DALI  
DALI DT8  
emergency 1h  
emergency 3h  
control via bluetooth**



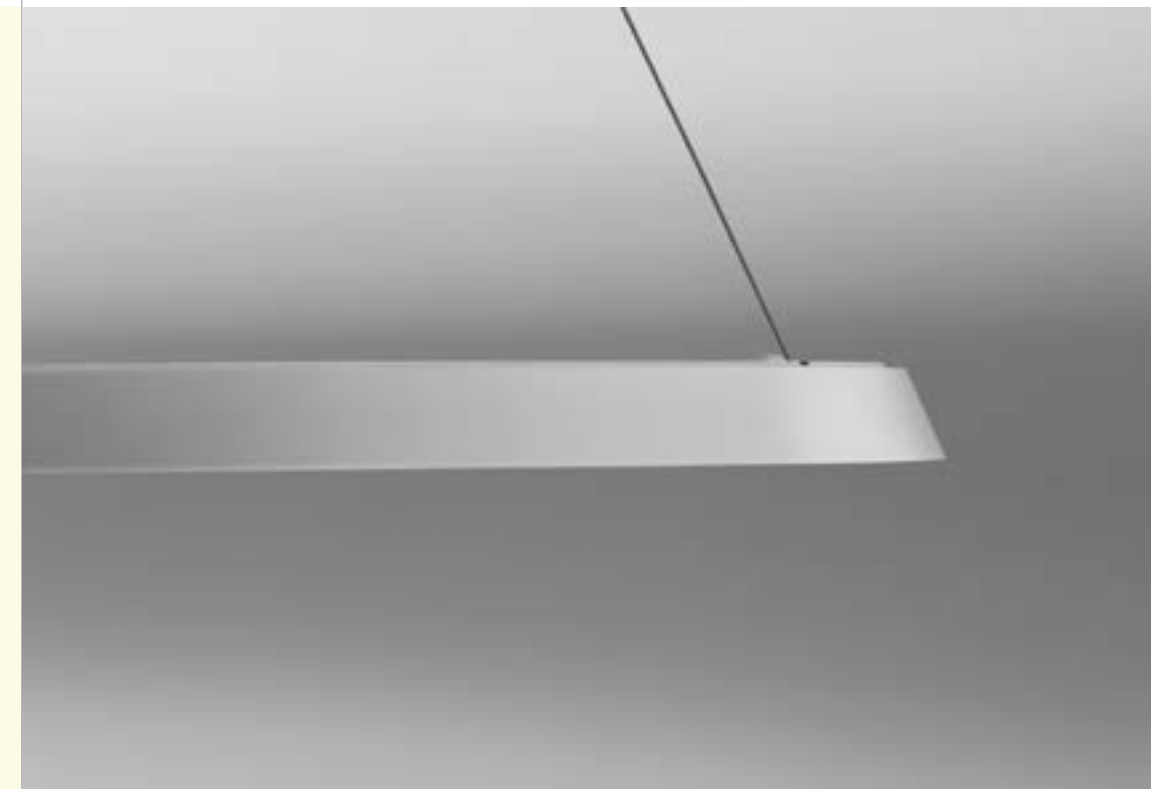
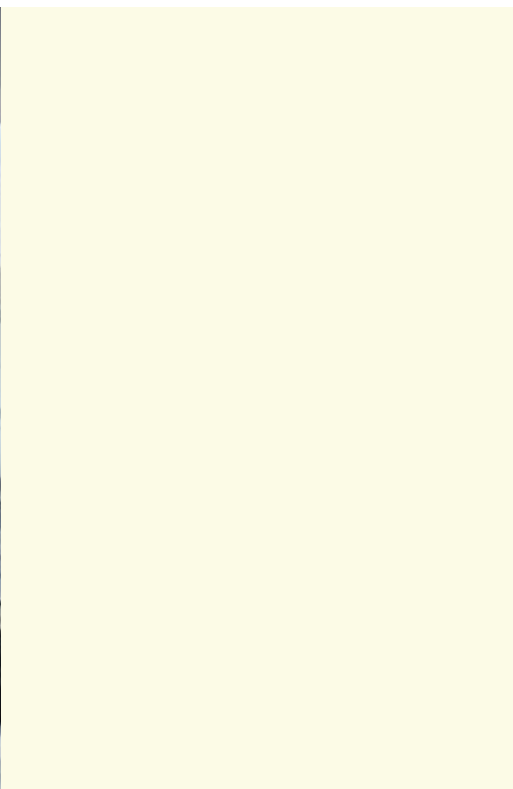
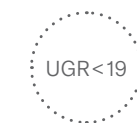


[www.halla.eu/ineli](http://www.halla.eu/ineli)

Single luminaires

## Ineli

A pendant circular luminaire with a transparent optical system and height of only 27 mm, which brightens up each meeting room, coffee room and relaxation area. Powering the luminaire through the suspension lines means no power cord is necessary. The luminaire can be hung straight or at any angle, which gives the space the unique and airy feeling.



Type of installation



Type of light distribution



Colour



Material  
(Ø x h mm)  
650 x 27

Material  
aluminium

Optical system

transparent optical system  
edge lighting  
PMMA panel

Light source

LED MODUL

Electrical connection

on/off  
DALI



[www.halla.eu/indi](http://www.halla.eu/indi)

Single luminaires

# Indi

Indi luminaire designed by Matúš Opálka has received many awards for its appearance. Let's name the three most important ones – Red Dot Award, the iF Design Award and the German Design Award. Circular luminaire with direct-indirect light distribution and diameter range from 1 up to 4 meters will be the right choice for lighting up meeting rooms, all kinds of corridors, halls, conference and banquet halls.



Design: Matúš Opálka



Type of installation



Type of light distribution



Colour



Dimensions  
(Ø x h mm)

1000 × 106  
1500 × 106  
2010 × 106  
2466 × 106  
3012 × 106  
3558 × 106  
4000 × 106

Material  
aluminium

Optical system  
opal diffusor

Light source  
LED MODUL

Electrical connection  
on/off  
DALI  
DALI DT8  
control via bluetooth









[www.halla.eu/rotao](http://www.halla.eu/rotao)

Single luminaires

# Rotao

With Rotao designer luminaires, we surrender to the geometric beauty of the ellipse. A circular plan of 70 or 95 centimeters in diameter attracts attention. The inner opening also optically lightens commercial, office and home spaces.



Type of installation



Type of light distribution



Colour



Dimensions  
(Ø x h mm)

600 x 87  
850 x 87  
1200 x 87  
1500 x 87  
2000 x 87  
2500 x 87  
3000 x 87

Material  
aluminium

Optical system  
microprismatic optical system  
opal diffusor

Light source  
LED MODUL

Electrical connection  
on/off  
DALI





[www.halla.eu/leira](http://www.halla.eu/leira)

Single luminaires

# Leira

We have designed lighting that will captivate you. The clever Leira will not only win you over with its sleek design but also with the several ways of regulating the intensity of light. The non-dimmable electronic ballast version fits into an ever-lit lobby. This luminaire with a button for dimming is sure to be appreciated, for example at a reception desk. The motion sensor model ensures automatic dimming in a meeting room. And for the office? The best option there is the address unit version that dims on the basis of the detection of people and lights up all the lights in the room and keeps them perfectly lit for work.



Type of installation



Type of light distribution



Colour



Dimensions

(l x w x h mm)

615 x 325 x 1305

615 x 325 x 1945

Material

aluminium

Optical system

microprismatic optical system

Light source

LED MODUL

Electrical connection

on/off

DALI

DALI + sensor

DALI + sensor with radio communication





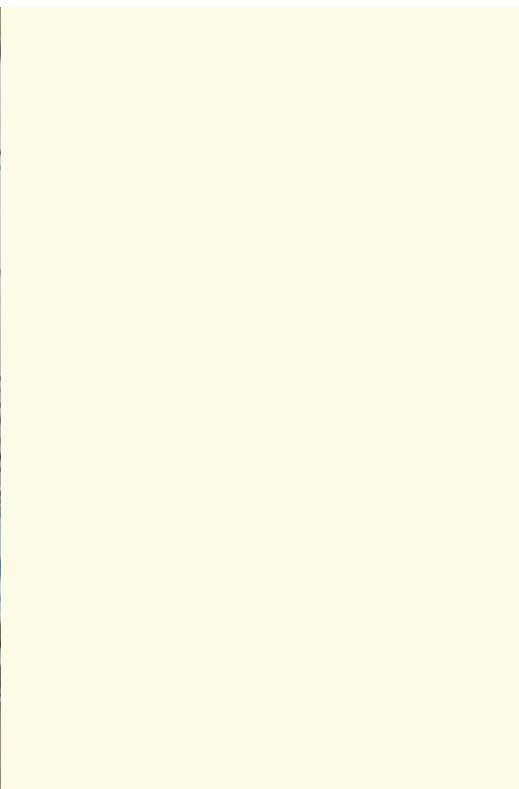


[www.halla.eu/kvado](http://www.halla.eu/kvado)

Single luminaires

# Kvado

We were after only one thing when designing the Kvado luminaire: beauty in simplicity. And so square and rectangular luminaires were created for pendant or flush-mount direct illumination. The opal diffuser or microprism housing is framed within an aluminum profile, adding elegance to the luminaire without compromising design clarity. In the Kvado family, you can easily choose a square or rectangular luminaire with a height of 70 or 129 mm.



Type of installation



Type of light distribution



Colour



Dimensions

(l x w x h mm)

350 x 350 x 70

600 x 600 x 70

900 x 900 x 70

1200 x 350 x 70

1500 x 350 x 70

600 x 600 x 129

900 x 900 x 129

1200 x 1200 x 129

1500 x 1500 x 129

Material  
aluminium

Optical system  
microprismatic optical system  
opal diffusor

Light source  
LED MODUL

Electrical connection  
on/off  
DALI  
DALI DT8  
mergency 1h  
emergency 3h  
control via bluetooth



[www.halla.eu/burbu](http://www.halla.eu/burbu)

Single luminaires

# Burbu

In the Burbu family, we round off squares with corners and we make ovals from rectangles. These luminaires with a 70 mm profile height have a positive and pleasant effect in the room. Combine luminaires with different diameters and different hanging possibilities.



Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

240 x 240 x 70

350 x 350 x 70

600 x 600 x 70

922 x 155 x 70

1222 x 155 x 70

1522 x 155 x 70

Material  
aluminium

Optical system  
microprismatic optical system  
opal diffuser

Light source  
LED MODUL

Electrical connection  
on/off  
on/off+ PIR  
DALI  
DALI DT8  
DALI + sensor  
emergency 1h  
emergency 3h  
control via bluetooth







[www.halla.eu/alumo60](http://www.halla.eu/alumo60)

Single luminaires

# Alumo60

The Alumo60 family of luminaires confirms that there is power in simplicity. They combine functionality and a designer element. The square or rectangular format with open space in the middle adds lightness to the interior. We produce Alumo in various sizes, with opal diffusor or microprism.





Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

618 x 618 x 67

898 x 898 x 67

1178 x 618 x 67

Material  
aluminium

Optical system  
microprismatic optical system  
opal diffusor

Light source  
LED MODUL

Electrical connection  
on/off  
DALI



[www.halla.eu/alumo80](http://www.halla.eu/alumo80)

Single luminaires

# Alumo80

The Alumo80 family of luminaires confirms that there is power in simplicity. They combine functionality and a designer element. The square or rectangular format with open space in the middle adds lightness to the interior. We produce Alumo in various sizes, with opal diffuser or microprism.



Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

640 x 640 x 93

920 x 920 x 93

1200 x 640 x 93

1200 x 1200 x 93

Material  
aluminium

Optical system  
microprismatic optical system  
opal diffusor

Light source  
LED MODUL

Electrical connection  
on/off  
DALI  
control via bluetooth





[www.halla.eu/shift](http://www.halla.eu/shift)

Single luminaires

## Shift

Designer Kryštof Nosál has created a luminaire with unmatched variability. There are plenty of options for installing the Shift lighting system— you can find it in built-in, surface and pendant versions. This LED spotlight luminaire consists of 1, 2 or 3 light sources that can be moved, tilted up to 45° and rotated up to 355° in the axis of the luminaire body. The luminaire has 4 beam angles of 15°, 25°, 36°, 60°.



Design: Kryštof Nosál



Type of installation



Type of light distribution



Colour



Dimensions

reflector:  
(Ø x h mm)

84 x 45

84 x 150

base:

(l x w x h mm)

420 x 84 x 90

720 x 84 x 90

1120 x 84 x 90

Material

aluminium

Optical system

opal diffusor

reflector

Light source

LED MODUL

Electrical connection

on/off

DALI

Accessories

linear optics



replaceable reflector



diffusion foil



[www.halla.eu/vali](http://www.halla.eu/vali)

Single luminaires

# Vali

When you combine design with functionality, you get the Vali family of lighting. You can point this cylindrical track luminaire with 4 angles of 21°, 28°, 40°, 63° at the required object as needed. Vali has a luminous efficacy of up to 90 lm / W and has a light source with a colour rendering of Ra>90, to provide the perfect illumination of an object.

UGR<19  
special sources



Type of installation



Type of light distribution



Colour



Dimensions  
(Ø x h mm)

90 x 195

Material  
aluminium

Optical system  
reflector  
linear optics  
diffusor  
honeycomb  
snoot

Light source  
LED MODUL

Electrical connection  
on/off  
DALI

Accessories

snoot



replaceable reflector



honeycomb



diffusor



linear optics







[www.halla.eu/ixyo](http://www.halla.eu/ixyo)

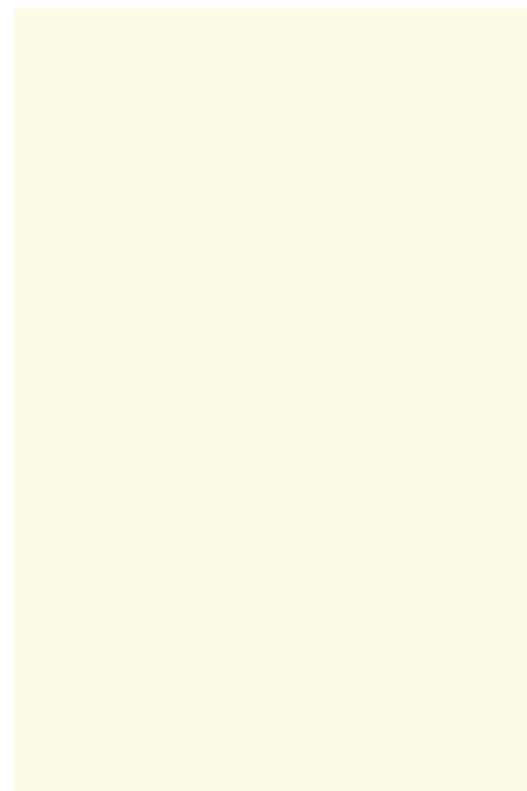
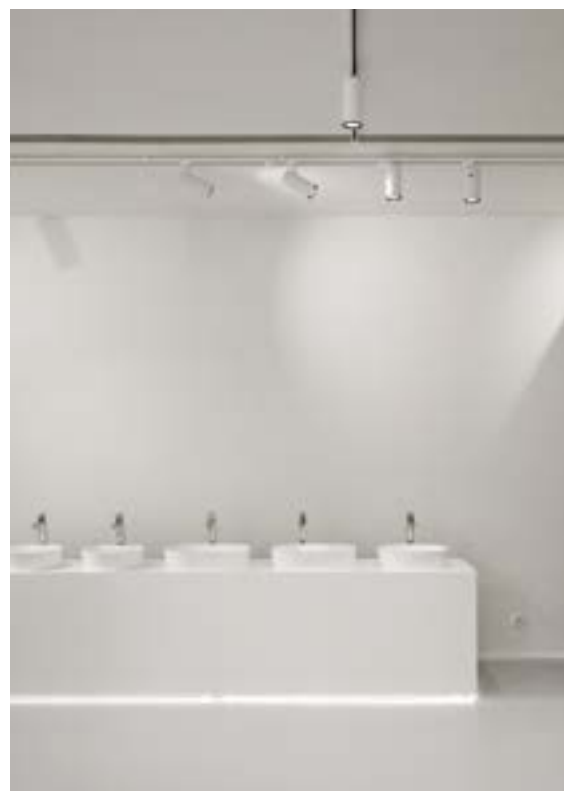
Single luminaires

# Ixyo

If there's any light that adapts to your needs, it's the Ixyo. The LED track luminaire turns 355° and tilts 90°. It also works with varying lighting intensity, offering lumen output up to 6000 lm. Thanks to this flexibility, it is particularly applicable in retail spaces, galleries and showrooms, where the lighting environment needs to be constantly changed for better sales.

special sources   UGR<16   HCL

Design: Matúš Opálka





Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)  
146 x 102 x 180

Materiál  
aluminium

Optical system  
reflector

Light source  
LED MODUL

Electrical connection  
on/off  
DALI  
DALI DT8  
dimmer on the luminaire

[www.halla.eu/drob](http://www.halla.eu/drob)

Single luminaires

# Drob

Dimmable, tilting track luminaire, its shape is slightly reminiscent of the floodlights used by vintage cars. It features a high brightness LED with Ra > 80 or Ra > 90 color, transparent plexiglass or satin diffuser. Shops, bars, and less formal receptions will be bright and refined.

UGR<19



Type of installation



Type of light distribution



Colour



Dimensions  
(Ø x h mm)

84 x 64

Material  
aluminium

Optical system  
reflector  
transparent plexi  
satin diffusor

Light source  
LED MODUL

Electrical connection  
on/off  
DALI



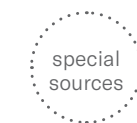


[www.halla.eu/vima](http://www.halla.eu/vima)

Single luminaires

## Vima

When Serge Cornelissen received a legendary narrow pocket camera from his father as an eight-year-old boy, he probably didn't know that a few decades later he would be designing a luminaire manufactured in precisely the same way. The professional Vima LED projector is the result of the global designer's creation in which the LEDs, cooler and driver are on the same level. Thanks to this, the luminaire is very thin, making it very elegant.



Design: Serge Cornelissen



## Type of installation



## Type of light distribution



## Colour

Dimensions  
(l x w x h mm)

202 x 150 x 28

590 x 80 x 28

Material  
aluminiumOptical system  
reflectorLight source  
LED MODULElectrical connection  
on/off  
DALI  
dimmer on the luminaire
[www.halla.eu/tulpi](http://www.halla.eu/tulpi)

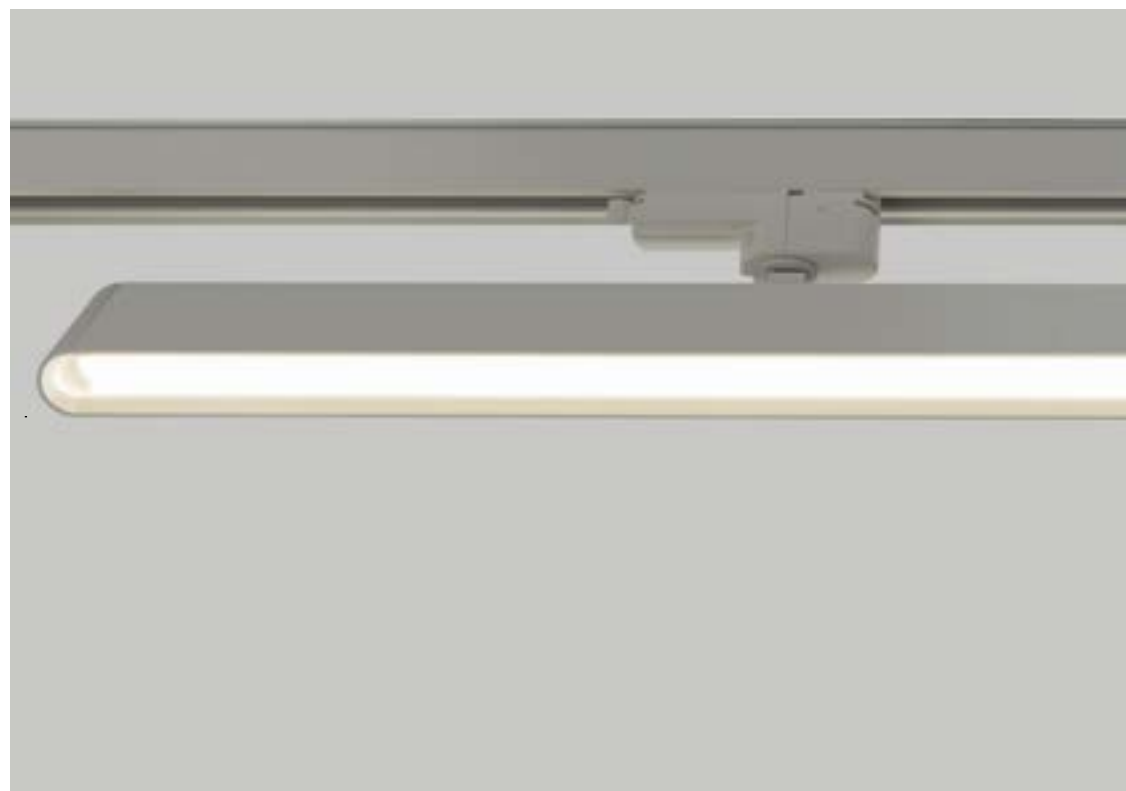

Single luminaires

# Tulpi

We knew from the beginning that it was a good step to reach out to Matyáš Kočnar. This timeless luminaire with a playful appearance from the workshop of a talented UMPRUM student won the Red Dot Award Design Concept for the year 2015 shortly after being placed on the market.



Design: Matyáš Kočnar



## Type of installation



## Type of light distribution



## Colour



## Dimensions

(Ø x h mm)

93 x 200

Material  
aluminium

Optical system  
reflector

Light source  
LED MODUL

Electrical connection  
on/off  
DALI



[www.halla.eu/torpi](http://www.halla.eu/torpi)

Single luminaires

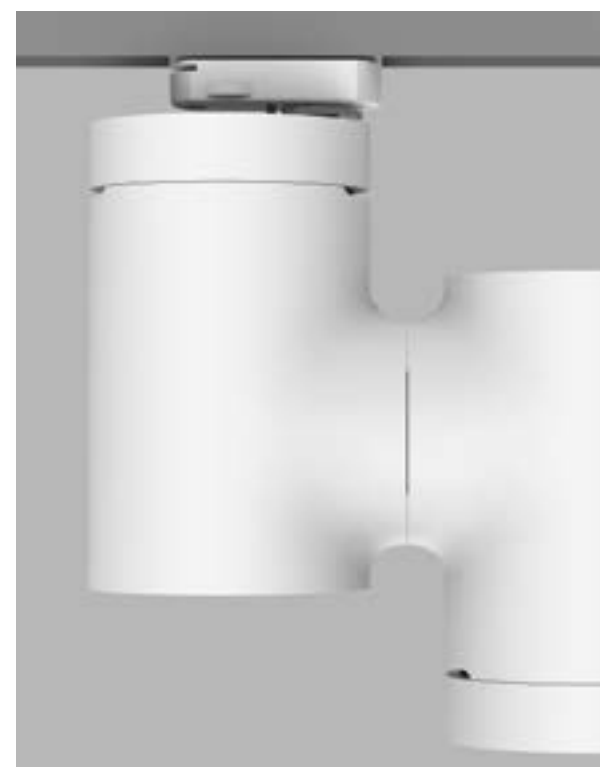
# Torpi



This LED track luminaire with a wide range of uses – for the lighting of specific objects in commercial and public spaces, galleries and showrooms – was created under the baton of Matyáš Kočnar just like the Tulpi luminaire. It also won the Red Dot Award Design Concept 2015 award in the design competition once again. The centre of the luminaire is in the axis, so when tilting the luminaire the suspended track won't incline.



Design: Matyáš Kočnar





Type of installation



Type of light distribution



Colour



Dimensions  
(Ø x h mm)

93 x 308

Material  
aluminium

Optical system  
reflector

Light source  
LED MODUL

Electrical connection  
on/off  
DALI



[www.halla.eu/sant-t](http://www.halla.eu/sant-t)

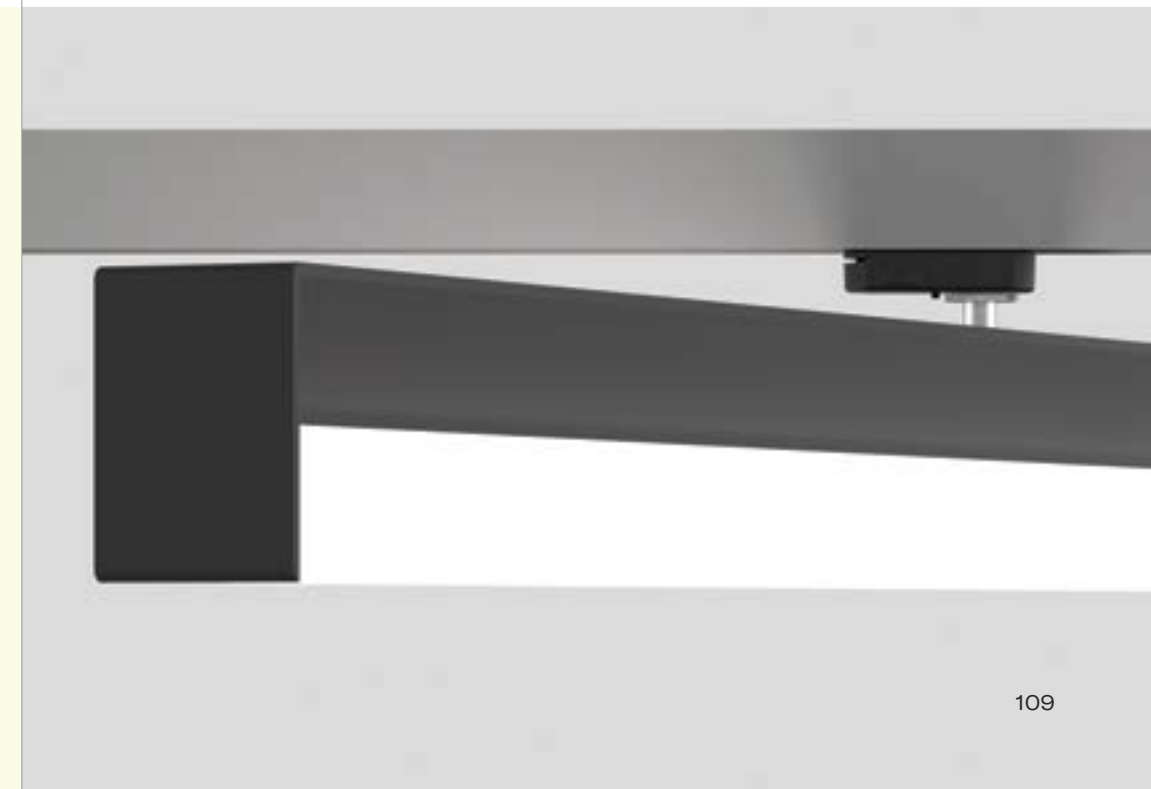
Single luminaires

# Sant-T



The Dutch designer Rob van Beek imbued this LED linear luminaire with an opal diffuser with a universal visage. Sant-T is especially recommended as a complementary lighting for commercial spaces.

Design: Rob van Beek



Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

1130 x 66 x 92

1410 x 66 x 92

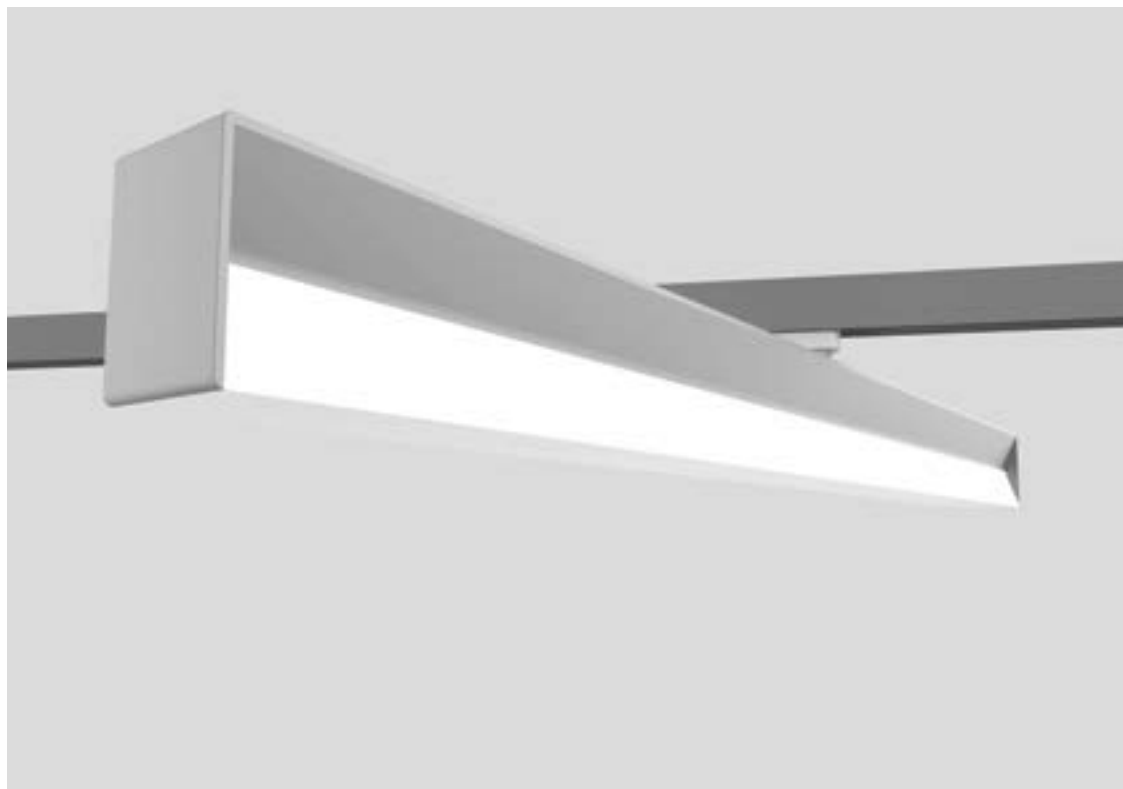
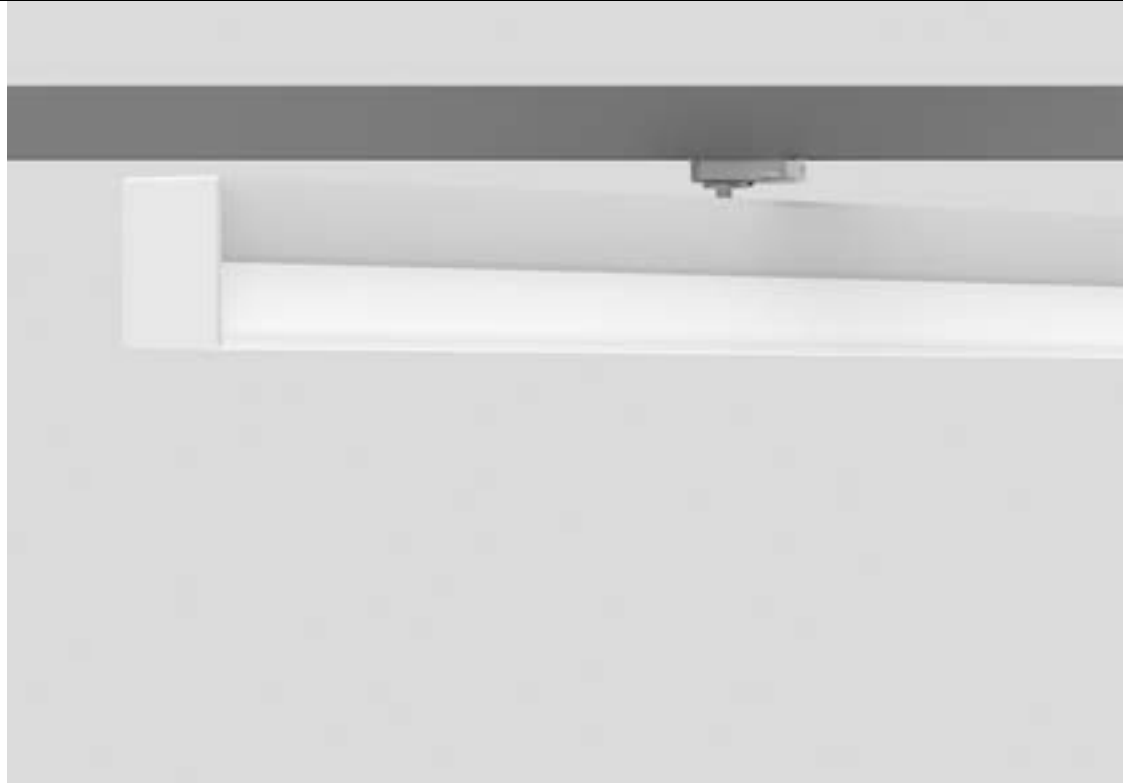
1690 x 66 x 92

Material  
aluminium  
plastic

Optical system  
opal diffuser

Light source  
LED MODUL

Electrical connection  
on/off  
DALI



[www.halla.eu/ture](http://www.halla.eu/ture)

Single luminaires

# Ture

The Ture family of lighting has an excellent index of UGR <19 up to 3000 lm, so it does not blind. You can use the luminaire for offices, meeting rooms and showrooms or employ special sources with it. RealWhite highlights white, Strong Color highlights the selected color, and Real Color accentuates its own color. With Tunable White, you can set the temperature of the white color according to daylight. You can make the illuminated objects look even more appealing using these sources.



Type of installation



Type of light distribution



Colour



Dimensions  
(Ø x h mm)

185 x 100

226 x 110

Material

aluminium

Optical system

opal diffuser

sandblasted diffuser

Light source

LED MODUL

Electrical connection

on/off

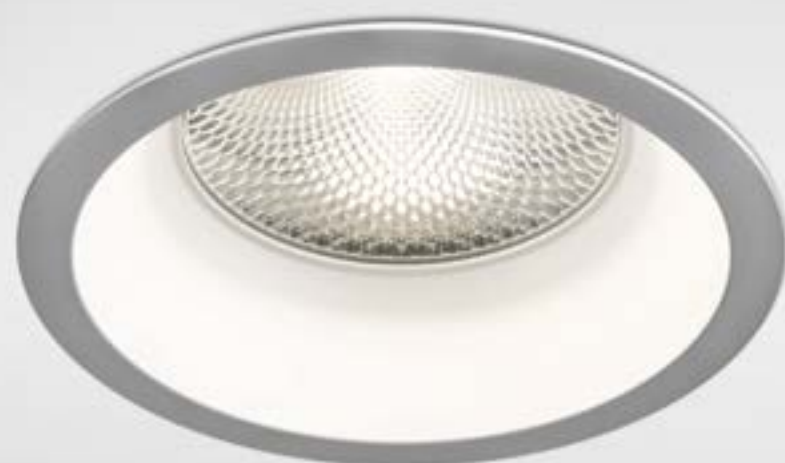
DALI

DALI DT8

emergency 1h

emergency 3h

control via bluetooth





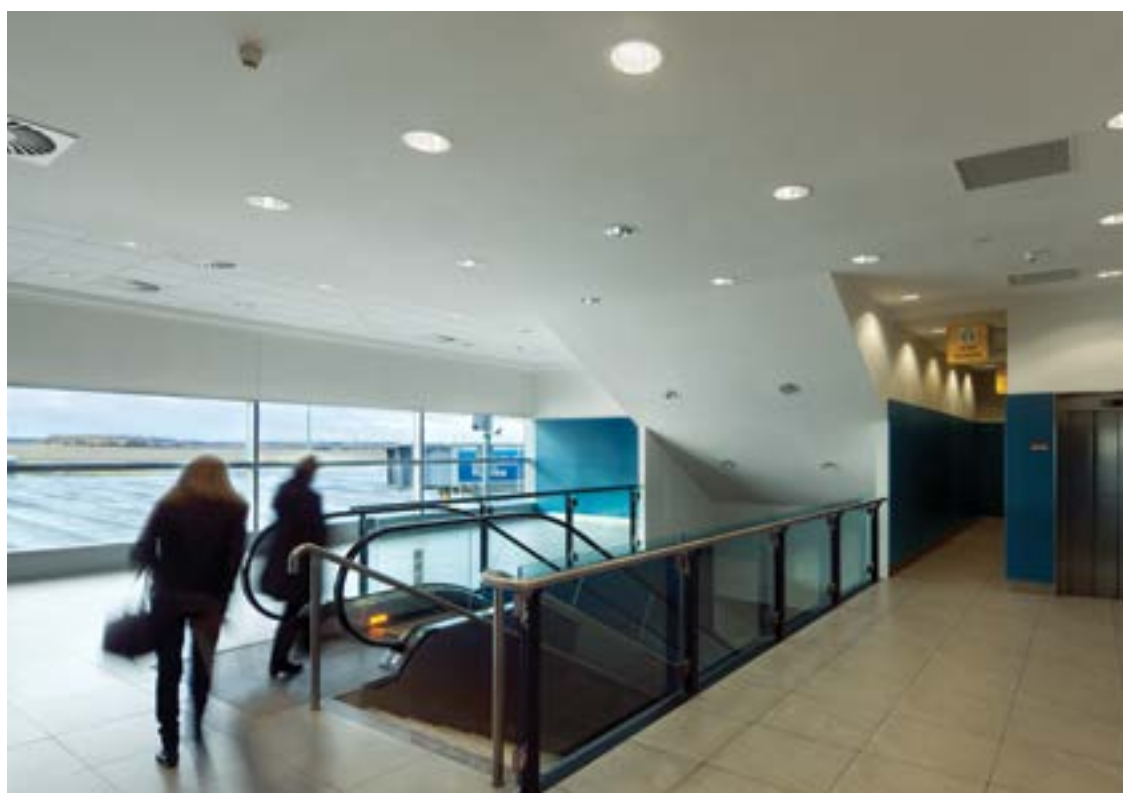


[www.halla.eu/ravo](http://www.halla.eu/ravo)

Single luminaires

# Ravo

The Ravo family of luminaires works with the beauty of oval shapes. This circular luminaire with compact downlight bulbs is designed for LED power sources with efficiency up to 130 lm / W. We produced the lighting from polycarbonate plastic and a passive aluminum cooler.



Type of installation



Type of light distribution



Colour



Dimensions  
(Ø x h mm)

- 172 x 80
- 172 x 105
- 172 x 115
- 172 x 145
- 172 x 260

Material

plastic,  
aluminium/plastic

Optical system

clear cover  
opal diffusor

Light source

LED MODUL

Electrical connection

- on/off
- DALI
- DALI DT8
- emergency 1h
- emergency 3h
- control via bluetooth

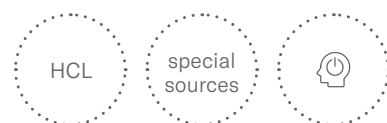


[www.halla.eu/torve](http://www.halla.eu/torve)

Single luminaires

# Torve

The Torve built-in square luminaire with direct light distribution will fit in elegantly in every type of interior. It comes equipped with a satin diffuser that diffuses light smoothly into a space and creates a pleasant mood. The aluminium frame accents its clean and well-balanced design.



Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

132 x 132 x 90

132 x 132 x 110

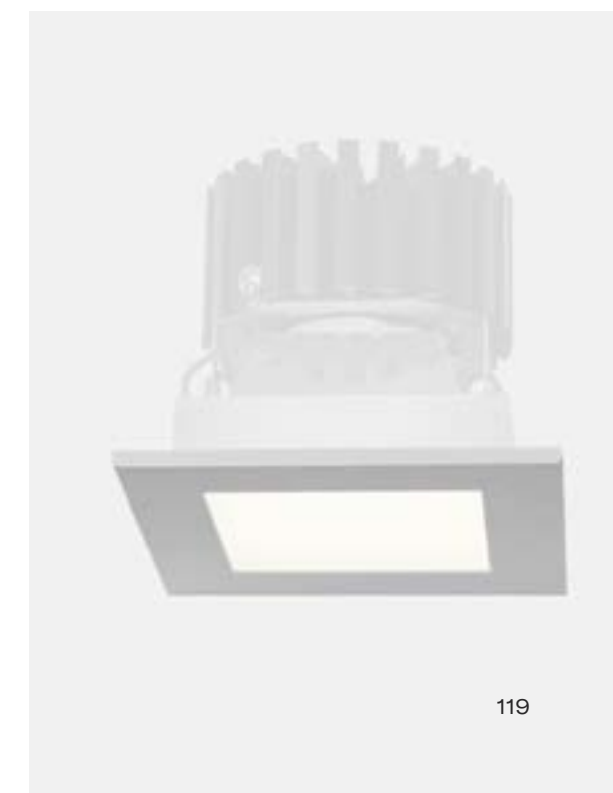
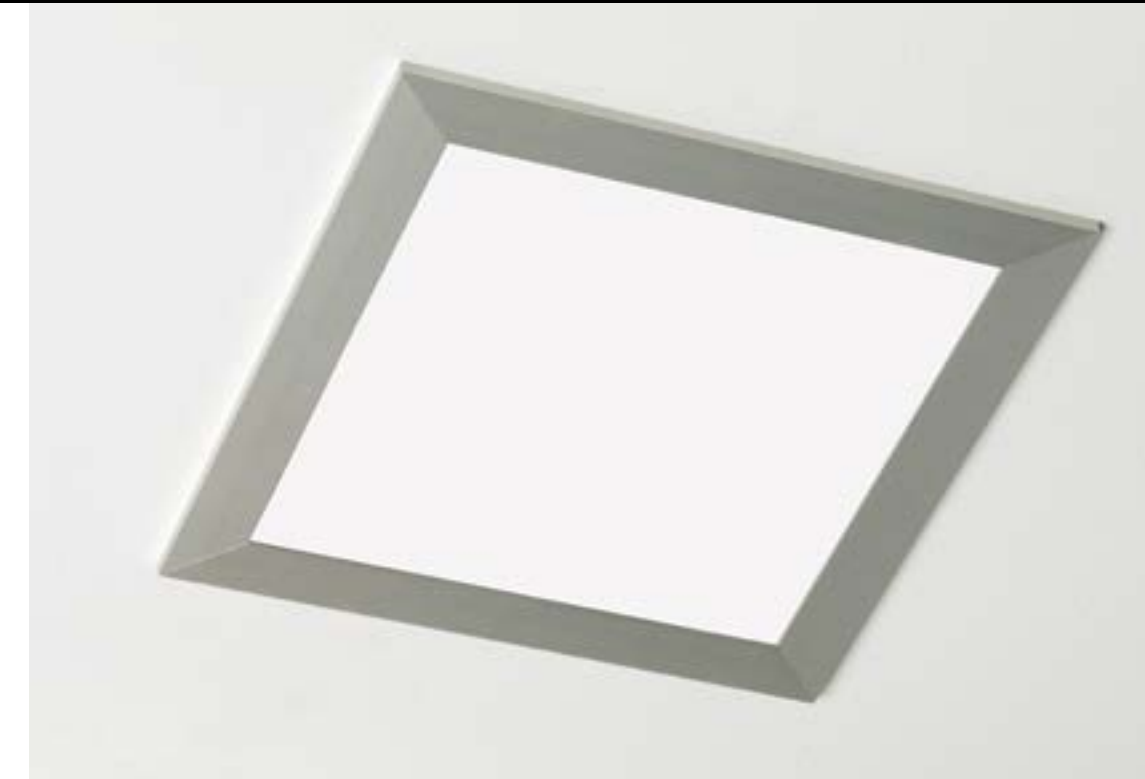
132 x 132 x 120

Material  
aluminium

Optical system  
opal diffuser

Light source  
LED MODUL

Electrical connection  
on/off  
DALI  
DALI DT8  
emergency 1h  
emergency 3h  
control via bluetooth







[www.halla.eu/basi](http://www.halla.eu/basi)

Single luminaires

# Basi

We simply classify the Basi family of luminaires as follows - they have perfect light parameters and contain special sources. The high brightness of the LED with color rendering of Ra > 80 or Ra > 90 perfectly illuminates the required object. That's why Basi can be used mainly in shopping centers, store-front windows, cultural spaces or car shows.





[www.halla.eu/gatu](http://www.halla.eu/gatu)

Single luminaires

# Gatu

By combining a simple design and adding functionality, we achieved the Gatu family lighting system. You can turn the built-in luminaire with a tiltable reflector toward the desired object as required. In addition to highly illuminating LEDs with a color rendering of Ra > 80 or Ra > 90, the lighting also contains a wide range of light sources.



Type of installation



Type of light distribution



Colour



Dimensions  
(Ø x h mm)

- 162 x 90
- 162 x 110
- 162 x 120

Material  
metal

Optical system  
reflector

Light source  
LED MODUL

Electrical connection  
on/off  
DALI  
DALI DT8  
control via bluetooth





Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

185 x 185 x 95

185 x 185 x 115

185 x 185 x 125

185 x 185 x 140

350 x 185 x 95

350 x 185 x 115

350 x 185 x 125

350 x 185 x 140

350 x 350 x 95

350 x 350 x 140

520 x 185 x 95

520 x 185 x 140

Material

metal

Optical system

reflector

Light source

LED MODUL

Electrical connection

on/off

DALI

DALI DT8

control via bluetooth





[www.halla.eu/moza](http://www.halla.eu/moza)

Single luminaires

# Moza

A simple design with maximum functionality. We introduce Moza accent LED lighting, that attracts attention with its appearance. That is why they are utilized especially in shopping centers, car showrooms and shop windows. The luminaires include a highly luminous LED with a color rendering of Ra> 80 or Ra> 90 as well as sources for illuminating objects.



Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

570 x 190 x 38

810 x 190 x 38

Material  
aluminium

Optical system  
reflector

Light source  
LED MODUL

Electrical connection  
on/off



[www.halla.eu/bent](http://www.halla.eu/bent)

Single luminaires

# Bent



Bent is a designer luminaire for all spaces you want to give a fresh, unique air. The lightweight and playful appearance in the shape of a smile in the interior LED lighting was designed by Simona Hrušková. Direct-indirect lighting creates a pleasant atmosphere, whether you are in a café, restaurant, reception or at home.

Design: Simona Hrušková

Type of installation



Type of light distribution



Colour



Dimensions  
(l × w × h mm)  
980 × 98 × 34

Material  
Aluminium

Optical system  
opal diffusor

Light source  
LED MODUL

Electrical connection  
on/off  
DALI





[www.halla.eu/ilbi+](http://www.halla.eu/ilbi+)

Single luminaires

## Ilbi+

Combining maximum usefulness with the minimalist design of Matúš Opalka gives you the Ilbi+ family of lighting. We have, moreover, added a dual function. In addition to lighting up the room indirectly, it charges electronic devices through an integrated USB port and acts as a suspension system for inserting hooks, handles or shelves. You can hang your clothes, place books, hang kitchen utensils, lay a towel or other necessities on the luminaire.

Design: Matúš Opálka







Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

- 616 x 37 x 106
- 896 x 37 x 106
- 1176 x 37 x 106

Material  
**aluminium**

Optical system  
**opal diffuser**

Light source  
**LED MODUL**

Electrical connection  
**on/off**  
**DALI**

Accessories

hook



crucible



wall fastening



shelf



---

## **Lighting systems**

[www.halla.eu/flumo-s](http://www.halla.eu/flumo-s)

Lighting system

# Flumo-S

The system of luminaires of the Flumo-S family fully accommodate your imagination and capabilities. They can flow directly or meander like the River Ploučnice. The various lengths and angles of 45°/90°/120°/mean no end of available options. Brighten up your hallways, stairwells, receptions and meeting places with a new installation of Flumo luminaires.

Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

1150 x 100 x 87  
2300 x 100 x 87

Segments

45°, 90°, 120°

(Ø x h mm)

850 x 87  
1500 x 87  
3000 x 87  
5400 x 87



Material  
**aluminium**

Optical system  
microprismatic optical system  
opal diffuser

Colour  
**LED MODUL**

Electrical connection  
on/off  
DALI  
DALI DT8  
emergency 1h  
emergency 3h  
control via bluetooth

Components

basic module



module C







[www.halla.eu/mila-s](http://www.halla.eu/mila-s)

Lighting system  
**Mila-S**

One model, a thousand combinations. The Mila-S luminaire is innovative in all aspects. Rob van Beek designed its shape to offer an endless list of combinations. Thanks to the unique magnetic system, the luminaires can be connected in spatial formations in a variety of shapes without the need for tools.

UGR<19 HCL

Design: Rob van Beek



Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

1040 x 445 x 70



Material  
**aluminium**

Optical system  
**opal diffusor**

Light source  
**LED MODUL**

Electrical connection  
**on/off**  
**DALI**  
**DALI DT8**  
**control via bluetooth**

Accessories

ceiling cup



wall fastening



wire suspension



transparent cable



Components

basic module



[www.halla.eu/unda-s](http://www.halla.eu/unda-s)

Lighting system

# Unda-S

Rob van Beek came up with the Unda-S designer light while sitting on the shore and gazing at the sea. The three-dimensional LED lighting was given the unique shape of a sea wave which we produced from bent aluminum sheet and a diffuser was added, enabling it to transmit and disperse light perfectly.

Design: Rob van Beek

Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

1345 x 406 x 144

Material  
aluminium



Optical system  
**opal diffuser**

Light source  
**LED MODUL**

Electrical connection  
**on/off**  
**DALI/control on the luminaire**

Components

upper module



lower module



Accessories

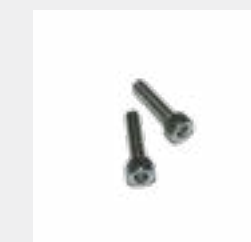
end cap



ceiling cup



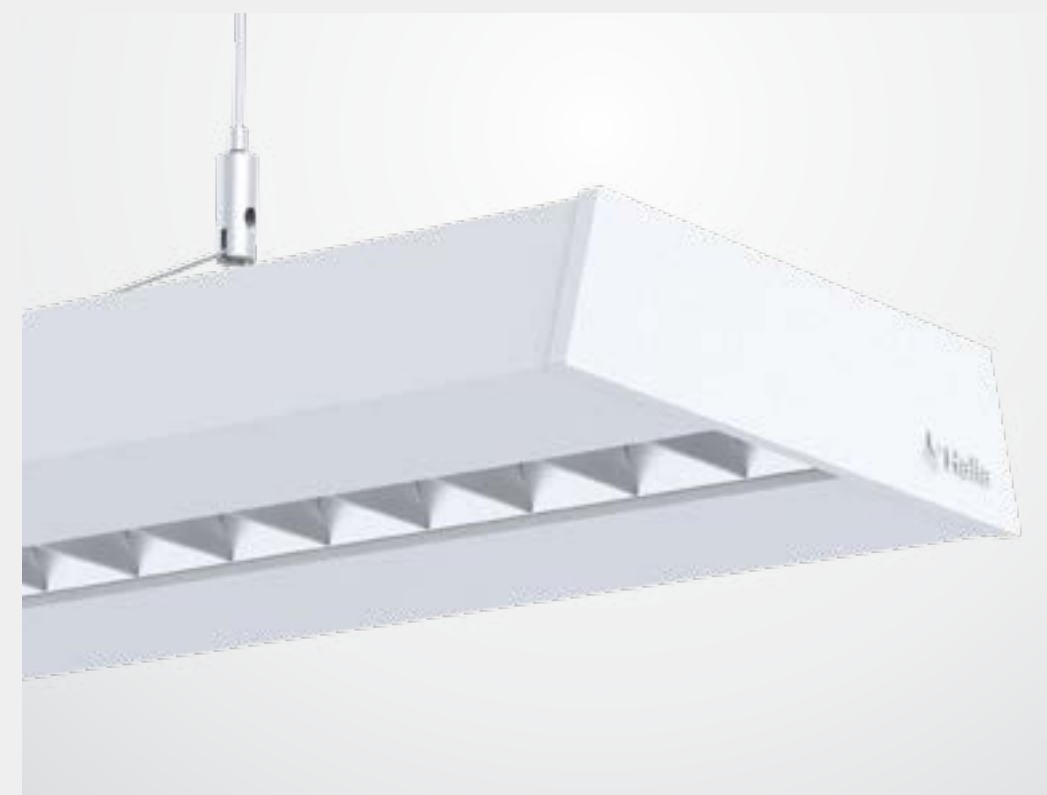
coupler







Lighting system



Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

- 561 x 168 x 38
- 842 x 168 x 38
- 1122 x 168 x 38
- 1403 x 168 x 38
- 1683 x 168 x 38
- 1964 x 168 x 38
- 2244 x 168 x 38

Components

basic module



module L



Material  
**aluminium**

Optical system  
**microprismatic optical system**  
**matt parabolic louvre**  
**opal diffusor**

Light source  
**LED MODUL**

Electrical connection  
**on/off**  
**DALI**  
**DALI DT8**  
**emergency 1h**  
**emergency 3h**  
**control via bluetooth**

[www.halla.eu/lina80-s](http://www.halla.eu/lina80-s)

Lighting system

# Lina80-S

Lina80-S luminaires are available in both ceiling mounted and suspended versions, including the illuminated corner segments. Lina80-S system luminaire can be used to create different shapes or long lines, with special joints that prevent any light to shine through, creating thus a seamless visual effect, suitable for small offices as well as big halls.

HCL



Type of installation



Type of light distribution



Colour



Dimensions  
(l × w × h mm)

561 × 80 × 93  
842 × 80 × 93  
1122 × 80 × 93  
1222 × 80 × 93  
1403 × 80 × 93  
1503 × 80 × 93  
1683 × 80 × 93  
1964 × 80 × 93  
2244 × 80 × 93

Material  
aluminium

Optical system

microprismatic optical system  
opal diffusor

Light source

LED MODUL

Electrical connection

on/off  
DALI  
DALI + sensor  
emergency 1h  
emergency 3h  
control via bluetooth





Accessories

ceiling cup



wall fastening



coupler



end cap



transparent cable



wire suspension



set for suspension into 3-phase track



coupler



Components

basic module



module L



module X



module T



[www.halla.eu/lipo60-s](http://www.halla.eu/lipo60-s)

Lighting system

# Lipo60-S

You will appreciate the L-Click system on the Lipo60-S, which effectively saves you both time and money. How? The module simply clicks into the profile, so a lot of work is saved during assembly. This solution also prevents the direct touch of the LED technology and lengthens its operating life. The Lipo60-S lighting system can be assembled creating endless lines and a big variety of shapes. In addition to great power output, the luminaire also has a great price. It will find its use in commercial, social and public spaces.



Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)



- 561 x 57 x 67
- 842 x 57 x 67
- 1122 x 57 x 67
- 1403 x 57 x 67
- 1683 x 57 x 67
- 1964 x 57 x 67
- 2244 x 57 x 67
- 3366 x 57 x 67
- 4488 x 57 x 67
- 603 x 603 x 67



d+100mm

Dimensions  
(l x w x h mm)



- 561 x 76 x 67
- 842 x 76 x 67
- 1122 x 76 x 67
- 1403 x 76 x 67
- 1683 x 76 x 67
- 1964 x 76 x 67
- 2244 x 76 x 67
- 3366 x 76 x 67
- 4488 x 76 x 67
- 610 x 610 x 67

Material  
aluminium



Optical system  
microprismatic optical system  
opal diffuser

Light source  
LED MODUL

Electrical connection  
on/off  
DALI  
DALI + sensor  
emergency 1h  
emergency 3h  
control via bluetooth

Accessories

ceiling cup



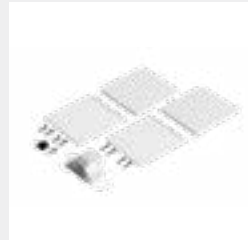
wall fastening



coupler



end cap



transparent cable



wire suspension



set for suspension into 3-phase track



suspended/recessed profile



Components

basic module



module L



module X



module T





[www.halla.eu/lipo80-s](http://www.halla.eu/lipo80-s)

Lighting system

# Lipo80-S



You will appreciate the L-Click system on the Lipo80-S, which effectively saves you both time and money. How? The module simply clicks into the profile, so a lot of work is saved during assembly. This solution also prevents the direct touch of the LED technology and lengthens its operating life. The Lipo80-S lighting system with efficiency up to 125lm/W comes in recessed, ceiling mounted or suspended version. In addition, we offer installation through an aluminium profile joint that prevents translucence in luminaire joints. In addition to great power output, the luminaire also has a great price. It will find its use in commercial, social and public spaces.

Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)



- 561 x 80 x 93
- 842 x 80 x 93
- 1122 x 80 x 93
- 1403 x 80 x 93
- 1683 x 80 x 93
- 1964 x 80 x 93
- 2244 x 80 x 93
- 3366 x 80 x 93
- 4488 x 80 x 93
- 603 x 603 x 93



d+100mm

Dimensions  
(l x w x h mm)



- 561 x 98 x 84
- 842 x 98 x 84
- 1122 x 98 x 84
- 1403 x 98 x 84
- 1683 x 98 x 84
- 1964 x 98 x 84
- 2244 x 98 x 84
- 3366 x 98 x 84

Material  
aluminium



Optical system

microprismatic optical system  
opal diffuser

Light source

LED MODUL

Electrical connection

on/off  
DALI  
DALI + sensor  
emergency 1h  
emergency 3h  
control via bluetooth

Accessories

ceiling cup



wall fastening



coupler



end cap



transparent cable



wire suspension



set for suspension into 3-phase track



suspended/recessed profile



Components

basic module



module L



module X



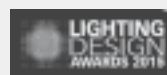
module T



[www.halla.eu/sant-s](http://www.halla.eu/sant-s)

Lighting system

# Sant-S



reddot design award  
winner 2015



German  
Design Award  
2015

The Dutch designer Rob van Beek imbued this LED linear luminaire with an opal diffuser with a universal visage. In the Czech Republic, Sant-S was specially made for LED sources and Human Centric Lighting technology. In practice, it looks like the light changes intensity and color according to biological rhythms. People thus feel natural in closed spaces, because the lighting simulates daylight. If you are looking for system linear lights for an office, school or hospital, you've just found it.

Design: Rob van Beek



Type of installation



Type of light distribution



Colour



Dimensions  
(l x w x h mm)

562 x 66 x 92  
842 x 66 x 92  
1122 x 66 x 92  
1402 x 66 x 92  
1682 x 66 x 92  
1962 x 66 x 92  
2242 x 66 x 92  
603 x 603 x 92

Material  
aluminium  
plastic

Optical system  
opal diffuser

Light source  
LED MODUL

Electrical connection  
on/off  
DALI  
DALI DT8  
emergency 1h  
emergency 3h  
control via bluetooth



Accessories

ceiling cup



wall fastening



transparent cable



end cap



set for suspension into 3-phase track



wire suspension



coupler



Components

basic module

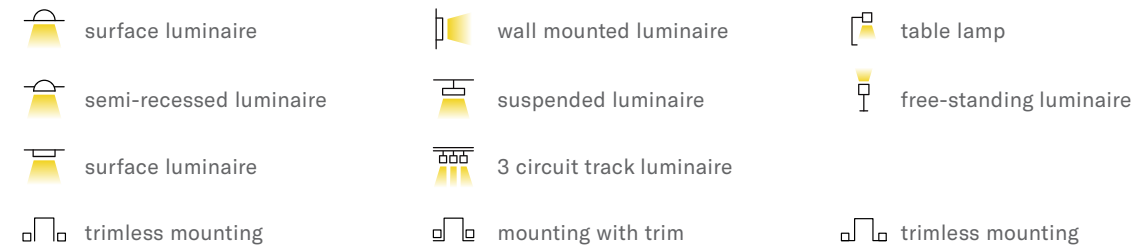


module L

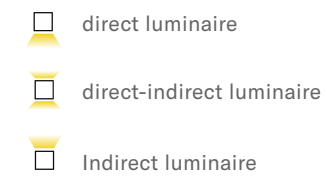


## Legend

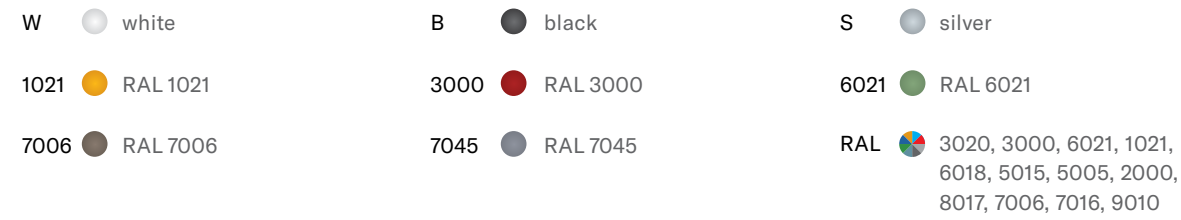
### Type of installation



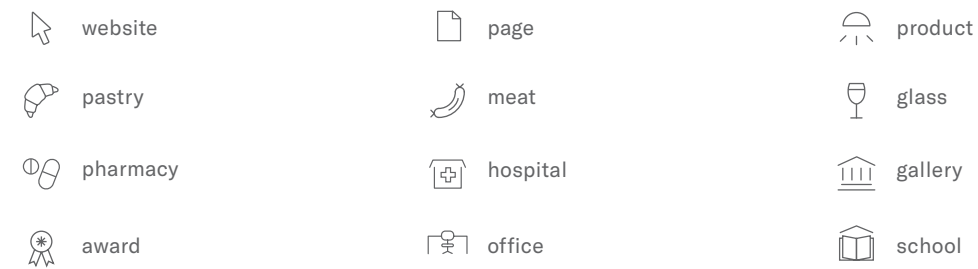
### Type of light distribution



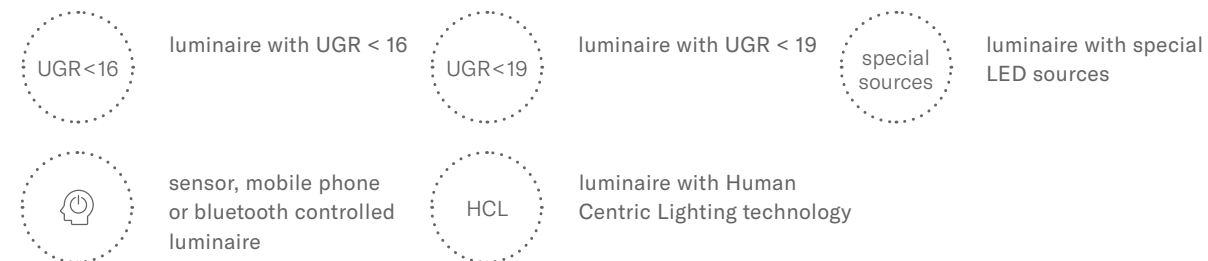
### Colour



### Icons



### Technology



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