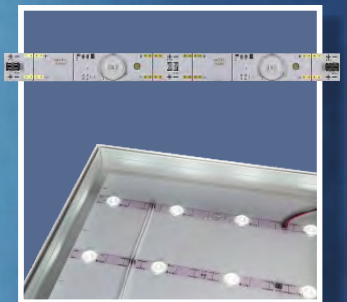


# ***hansen***

*technologie · elektronik · licht*



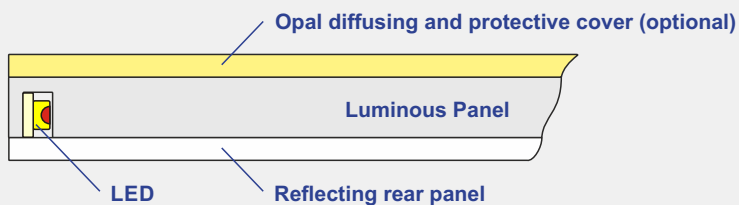
## **LED Products**

Radar Indoor · swing~light  
Rainbow-RGB · Special Luminaires  
Luminous Panel · LED Tube · LED Chain  
Mini Profile · LED Pipe · Converters · Controllers

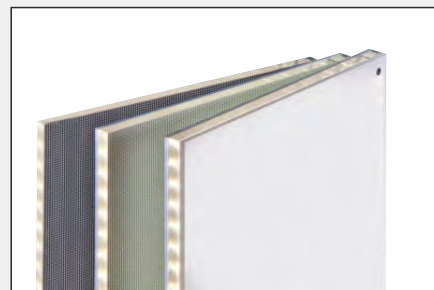
# Luminous Panels

## Custom shapes, sizes and colours

- Large-surface luminaire designed for built-in purposes
- Made to measure in sizes up to 1,500 x 3,000 mm
- Ovals, circles and free shapes are also possible
- Cut-outs for sockets, etc. can be produced according to drawings
- Different variants and accessories available



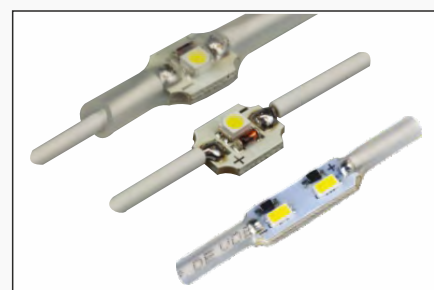
IP20



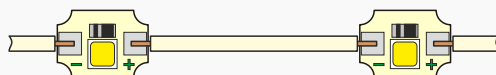
# LED Tube

## Illumination of channel letters and large advertising signs

- Universal light source for backlighting purposes
- Cove lighting and indirect lighting
- Type 2x100 for the illumination of large surface areas
- Very easy to install, even in slim letters
- Proven in practice for more than 15 years



LED Tube



e.g. 40 mm

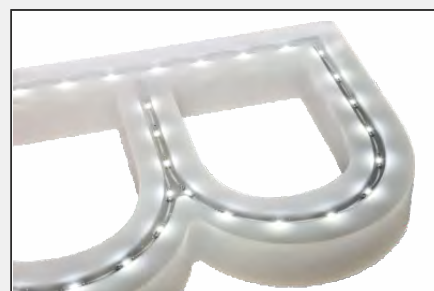
IP3x



# LED Chain

## Illumination of letters and signfaces

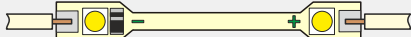
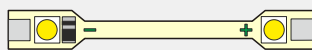
- Designed for the illumination of solid acrylic letters and banners
- Allows very flat letters with a depth of approx. 25 mm to be built
- Available with different LED spacings and light colours
- Special LEDs suitable to be embedded in potting compound
- Available as DUO Chain for larger surface areas



LED Chain



DUO-Chain



30 mm

IP00

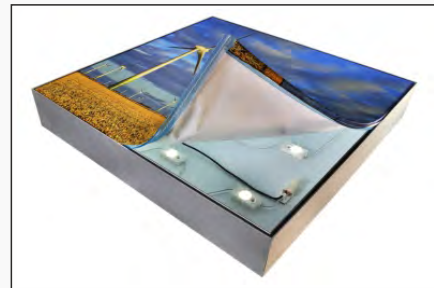
# Radar-LED

## Illumination of flat light boxes

- Designed for the illumination of light boxes with a small overall depth
- Backlighting of fabric banners
- Large radiation angle ensures homogeneous illumination
- Designed for outdoor applications (IP65)
- Installation with adhesive pads or screws



IP65



# Radar Indoor

## Illumination of flat light boxes for indoor installation

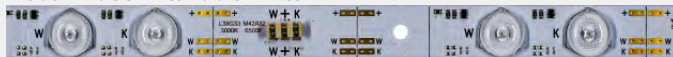
- Illumination of fabric banners
- Large radiation angle of 170°
- Also available in tunable white (warm white/cool white)
- No soldering required thanks to insulation displacement contacts
- Available on rolls, can be cut with scissors

### Radar Indoor – single-colour white



LED spacing: 100 mm

### Radar Indoor – tunable white



LED spacing: 150 mm

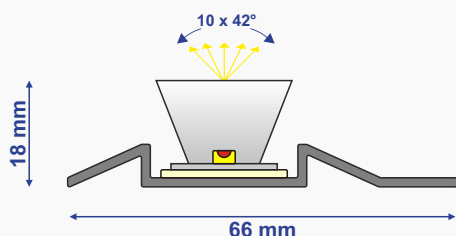
IP00



# Frame-mount LED Spots

## Brighter illumination for large light boxes

- Designed for light boxes with a depth of 120 mm or more
- Pre-assembled in aluminium profile (frame profile or F profile)
- Fully potted and suitable for outdoor use (IP65)
- Designed to be installed on the inside of the frame
- Different types of LEDs and lenses (160°) available



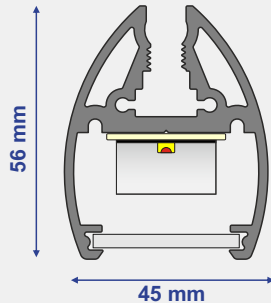
IP65



# Wall Floodlight in V Profile

Illumination of billboards with a height of up to 5 m

- Aluminium body with High-Power LEDs
- Suitable for vertical sizes of up to 10 m when installed above and below
- Can also be used as "wall washer"
- Available with external or integrated converter
- Fully potted, designed for outdoor use (IP65)



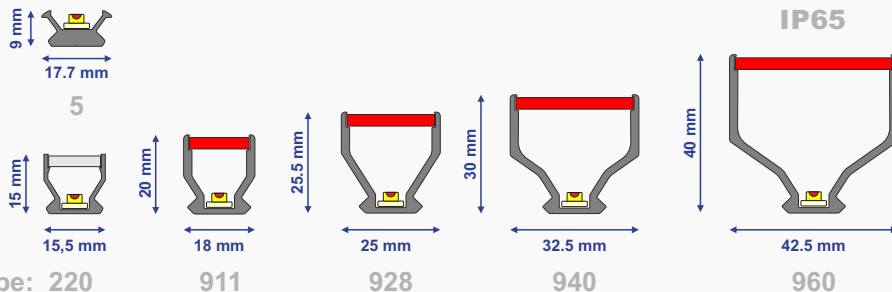
IP65



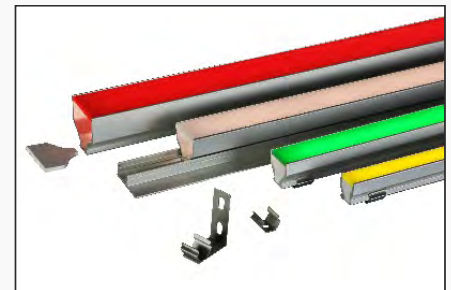
# Mini Profile

Small profiles for fine contour lighting

- Aluminium profile with integrated LEDs and coloured acrylic glass cover
- Ideal for creating fine illuminated lines and contours
- Illumination of smaller facade parts and objects
- Also available as RGB and Rainbow-RGB version
- Fully potted, designed for outdoor use (IP65)



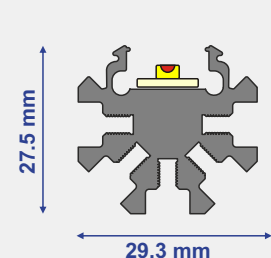
IP65



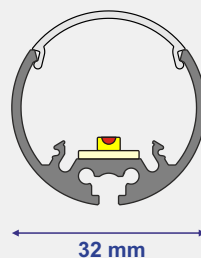
# Linear Luminaires Made to Measure

Star Profile | Carmen | VEGA

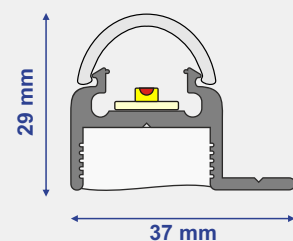
- Aluminium profiles with integrated LEDs for indoor and outdoor use
- Star Profile and Carmen for object illumination and room lighting
- VEGA with integrated converter for lighting purposes
- Energy-saving replacement for fluorescent tubes
- Various mounting and fixing options



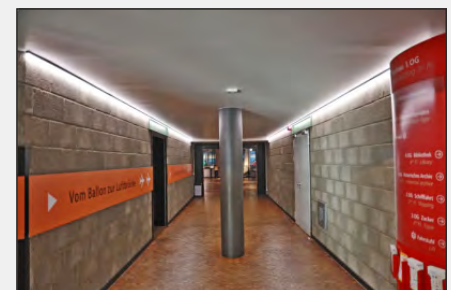
Star Profile



Carmen



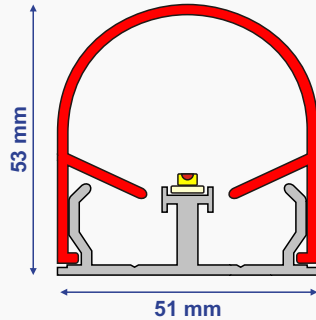
VEGA



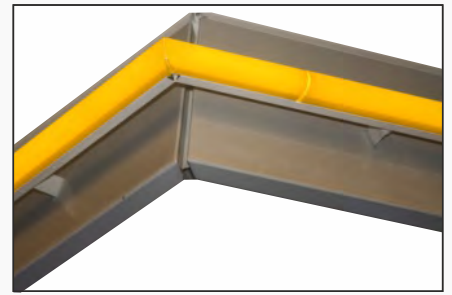
# Facade Profile

## Contour lighting for buildings and petrol stations

- Two-piece light profile made of white or coloured acrylic
- Ideal for creating illuminated lines on facades
- Lower part (base) is fixed to the wall
- LEDs and converters are integrated in the base
- Up to 150 m of profile can be powered from a single power supply point



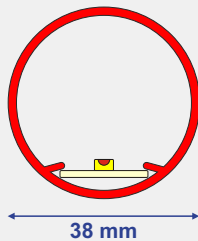
IP54



# LED Pipe

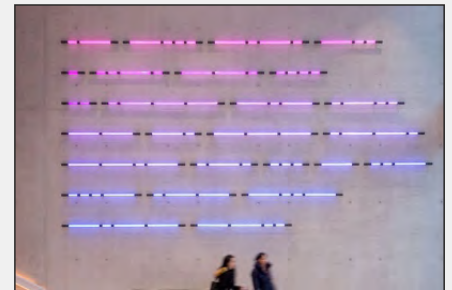
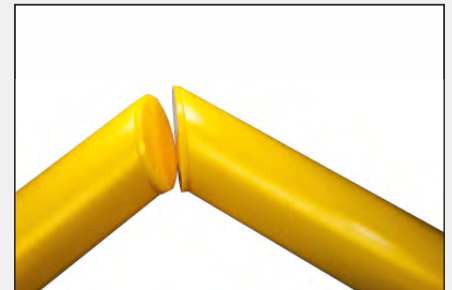
## Contour lighting and decorative designs

- White or coloured acrylic pipe with a diameter of 38 mm
- Allows the creation of illuminated lines on buildings
- Can be fitted with white, coloured or RGB LEDs
- Series connection, 12 volts or RGB/Rainbow-RGB
- Corner elements and mitre angles available



IP65

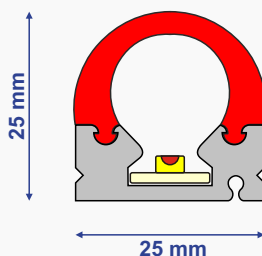
IP30



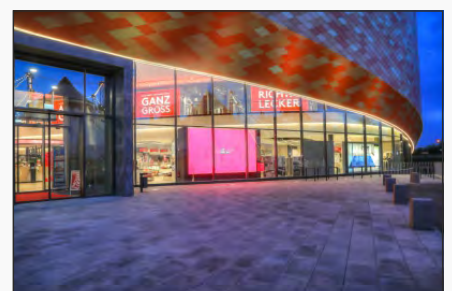
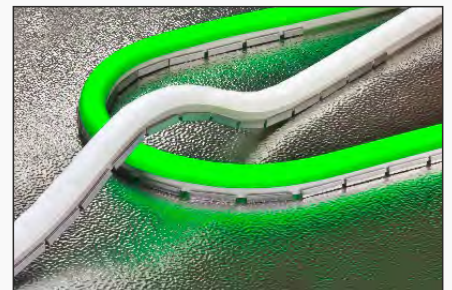
# swing~light

## Flexible light profile for sophisticated illuminated contours

- Flexible light profile with luminous upper part
- Can be bent in two directions at the same time (helix)
- Available in five colours, two shades of white and RGB
- Suitable for indoor and outdoor installation (IP65)
- Available in lengths of up to 5 m



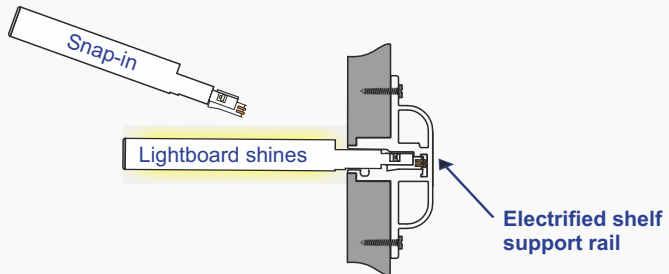
IP65



## Snap-In Lightboard

Simple and clever installation of illuminated shelves in shops

- Luminous board shines upwards and downwards
- Max. length: 100 cm, max. depth: 30 cm
- Works with electrified shelf support system
- Tool-free assembly
- Board is inserted into the support rail from the front



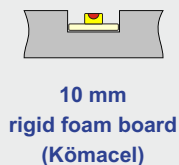
IP40



## Special Luminaires

For simple installation on walls and ceilings

- Produced to customer specifications/drawings
- Luminaire body made of aluminium composite material (Dibond), rigid foam board or aluminium profiles
- Series connection, 12/24 volts or RGB possible
- LEDs are usually potted (high IP protection rating)



IP65



## SIRIUS 16W | 20W | 24W

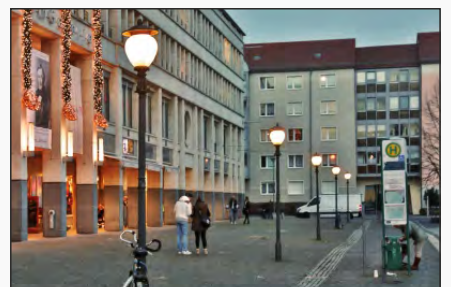
LED replacement for high-pressure mercury vapour lamps

- Allows simple and safe replacement in street and park lamps
- Trouble-free upgrade of light sources in cubic advertising signs
- Highly efficient and durable
- Instant full brightness
- E27 screw base



Ø 77 mm

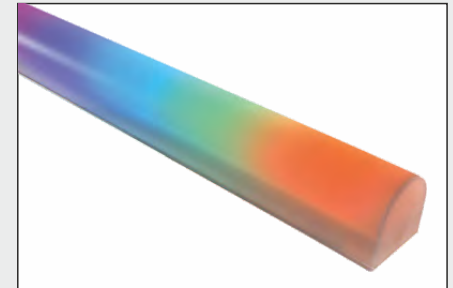
IP20



# Rainbow-**RGB**

## Light in the colours of the rainbow

- Generates RGB light that moves along the luminaire
- Custom colour flows possible
- For Luminous Panel, Facade Profile, LED Pipe, aluminium profiles and others
- Controller COLEEN can be programmed to customer requirements
- Also available as single-colour running light



## Innovative Controllers

### Dimmers & flashers | RGB, RGBW, Tunable white | Radio remote controls | Light-dependent controllers

- User-friendly dimming and controlling of lighting systems
- Innovative radio remote controls for single-colour, RGB(W) and tunable white systems
- Light-dependent control ensures energy savings and a better lighting effect
- Interfaces (DALI, DMX ...) for connection to existing control systems



DALI to 0-10 V interface



Light-dependent controller



Radio remote control



## LED Converters and Neon Converters

### LED converters for series connection, dimmable, non-dimmable and adjustable

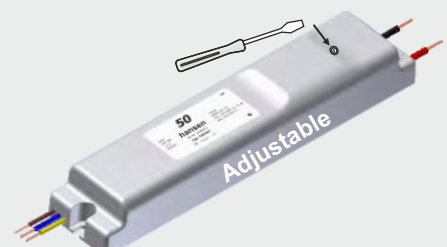
- Reduced energy consumption, constant output current
- Short-circuit and open-circuit-proof, fire protection class B1 (DIN 4102)
- Converter boxes and converter cabinets for large-scale projects
- Electronic converters/ballasts for traditional neon signs
- Neon converters for all common tube diameters, some dimmable



IP67



IP67



Adjustable



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The quality management system of Hansen GmbH is certified to DIN EN ISO 9001:2015.



DIN EN ISO 9001:2015  
REG.-NR. 01 0116352

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