Alteme Licht AG – CHIARA

alteme

The CHIARA luminaire series meets the wish of many architects to integrate pure light into the architecture instead of luminaires. To achieve this goal, CHIARA was designed according to the principle of the greatest possible formal reduction. A filigree luminaire profile with lateral light injection characterises the discreet apperance of CHIARA. Electrical power is supplied directly through the wire suspension system, allowing CHIARA to literally let the light float in the room. When switched off, the semi-transparent CDP cone microprismatic optic provides a diffuse view, with the surface reminiscent of the structure of a cut diamond.
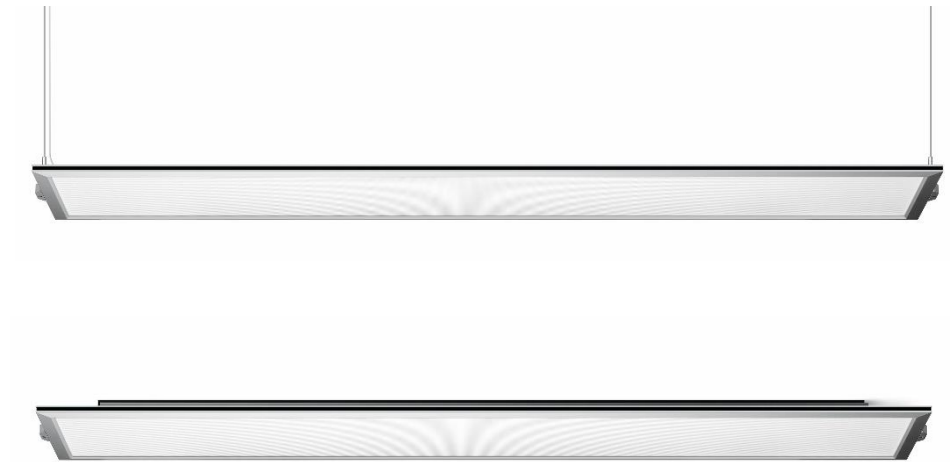

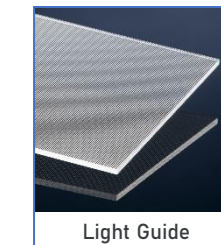## polyscale contribution

Light Guide

polyscale

BEGA

Special lighting solutions with outstanding quality: BEGA offers the FLED series of large area LED luminaires especially for glare-free lighting at the workplace in accordance with DIN EN 12464-1. They are available as pendant or ceiling luminaires.

An efficient optical system, a choice of light distribution and color temperature, and a clear design language with a frame height of just eleven millimeters are unique features of these luminaires.
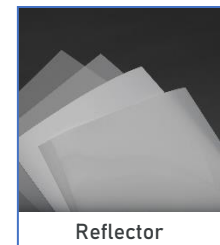
polyscale contribution

| Light Guide | Optical Film | Reflector |

CEAG Notlichtsysteme GmbH – GuideLed DXC 10011 CG-S
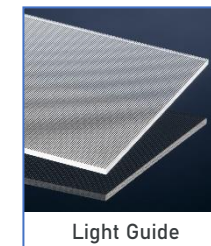
polyscale

E·A·T·N
Powering Business Worldwide

With the GuideLed DX 10011/11011 CG-S, a new generation of escape sign luminaire has been developed, which displays both an absolutely evenly brightly illuminated surface and a red X to block escape routes. This is made possible by a new type of light guide technology. In addition, highly efficient LEDs with a service life of up to 50,000 hours ensure increased operational safety and considerably minimise maintenance requirements. A particularly low connected load enables energy savings of up to 70 % compared to a fluorescent lamp. In terms of design, the GuideLed also impresses with its clear functionality without visible screw connections and with its very flat construction that blends unobtrusively into the architecture.

polyscale contribution

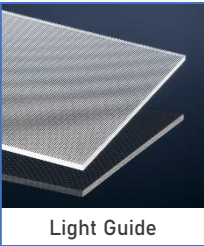Light Guide

Covestro AG – Edge Light Technology

As small, localized light sources, LEDs can cause glare and often require diffusers to attenuate bright points of light. This is particularly true for industrial luminaires, which have undergone only minor design changes as LEDs have become more common. With Edge Lighting, new luminaire designs are now possible. This style provides an attractive, low-glare, homogeneous illumination that can be programmed in user-defined lighting geometries. A light guide is essential for an Edge Lighting luminaire.
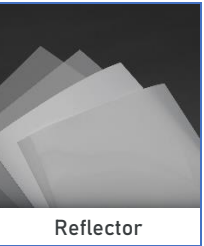

polyscale contribution

| Light Guide | LED | Reflector |

Gessler GmbH – Prion 22/Flatlight FL1

polyscale

Gessler

Prion 22
Beauty is in the eye of the beholder. We say beauty is hanging on the wall from now on. Despite the small housing dimensions, the PRION 22 has the optimum recognition range of 22 m and is therefore particularly suitable for reception areas, corridors and event rooms.

Flatlight FL1
What began as a feasibility study has ended as Flatlight FL1. With a frame thickness of 3 mm and homogeneous illumination, the housing is more filigree than most smartphones. Particularly suitable in representative environments.

polyscale contribution

Light Guide

INOTEC Sicherheitstechnik GmbH

INOTEC
Sicherheitstechnik GmbH

SNP
Single-sided emergency exit sign luminaire made of high-quality aluminium profile. Particularly flat design and efficient and homogeneous illumination of the pictogram, thanks to modern light guide technology. For easy and flexible installation, cable entry is possible from the rear and from the side.
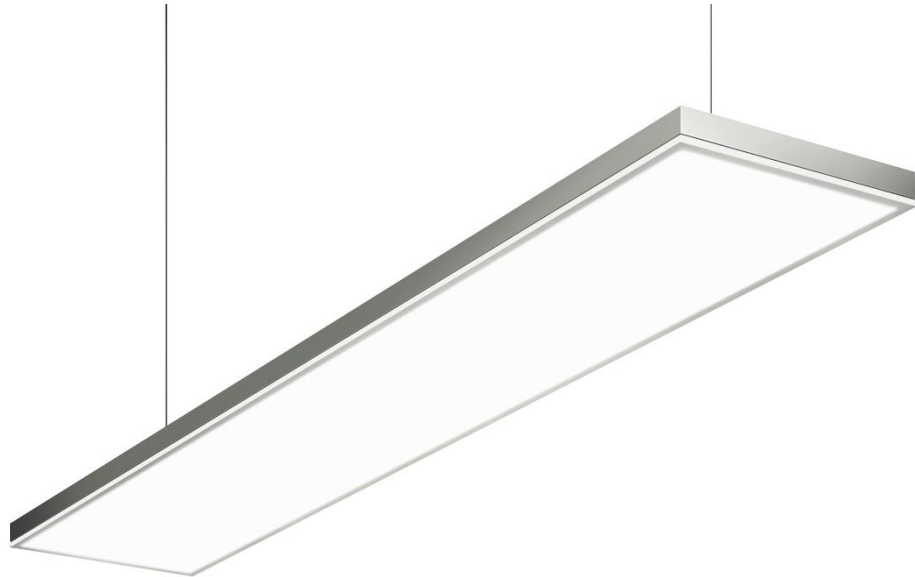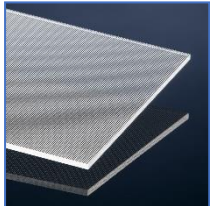

polyscale contribution

Light Guide

Foto: Boris Golz

polyscale

InstaLighting

Instalight Flat, the classic standard luminaire for general and office lighting. Extremely flat product design with full-surface and homogenous radiation optics.
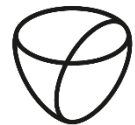
polyscale contribution

Light Guide

Reflector

LTS Licht & Leuchten GmbH – nanoOptix

polyscale

LTS
LOVE TO SHINE

nanoOptix has succeeded in transferring the function of a lens optic to a wafer-thin foil of only 0.6 mm. Furthermore, nanoOptix generates specific radiation characteristics, depending on the composition. At the moment, the patented innovation is available for a batwing or deep-radiating beam angle. nanoOptix excels with its low use of resources in production and high system efficiency of the luminaires equipped with it. Since of up to 150 m, the nanoOptix developed technology also offers an nanoOptix can be manufactured in all lengths aesthetic advantage: no joint edges!

polyscale contribution

Optical Film

Multiline Licht nv – Hideline
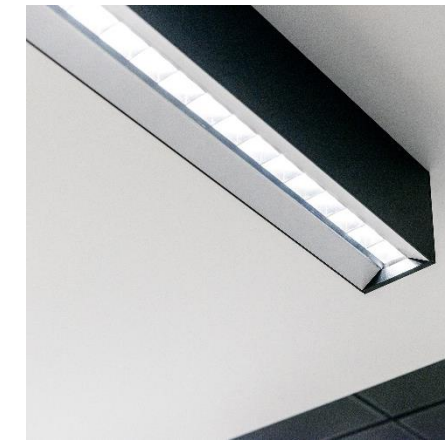
multiline® m

With the Hideline, Multiline has developed an innovative lighting profile which focuses entirely on the specific functionality and needs of an environment. This unique luminaire has an inner profile, in which the lighting module is hidden. As a result, high visual comfort is always guaranteed with the Hideline. The dimensions of the base profile are 65x65mm (direct lighting) or 65x90mm (direct/ indirect lighting). Next to the use of a satin LED diffuser or a VDT louvre (UGR<19) for direct lighting, it is also possible to opt for lenses with a narrow, wide, asymmetric or double asymmetric beam angle. The integration of downlights and/or a 3-circuit track for adjustable spot lights is also possible.

polyscale contribution

Optical Film

Nimbus Group – Winglet CL

nimbus^x

Cordless wall light with motion detector

Brightness detection and radio module for group formation, due to the integrated rechargeable battery independent of on-site electrical installation, various application possibilities in the living area due to freely placeable wall bracket, angled soft diffuser made of laser-structured acrylic glass for homogeneous light emission, light distribution 55 % direct and 45 % indirect
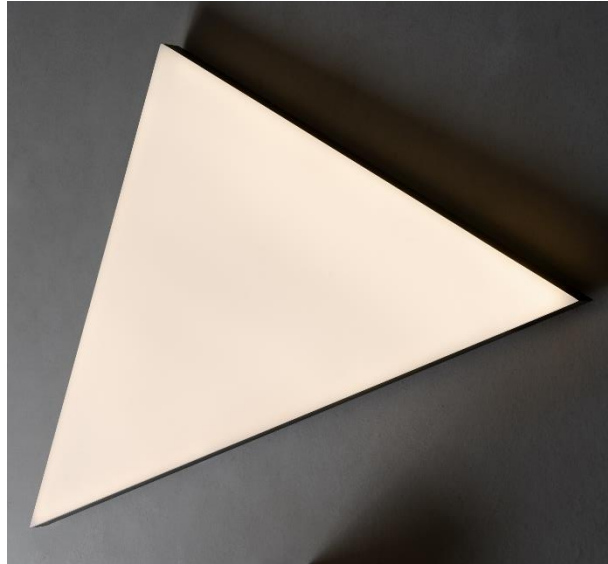
Design: Rupert Kopp

polyscale contribution

Light Guide

Num Lighting Ltd. – TRI
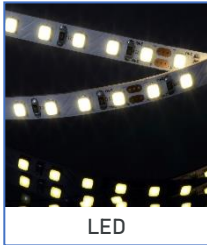
polyscale

NUMLIGHTING

Num lighting produces LED light panels in different shapes using advanced technologies. These innovative fixtures are thin, frameless, and emit homogenous light for functional and ornamental use mounted on the wall or ceiling. The Tri panel is an equilateral triangle that has two different dimensions that together form endless compositions and patterns.

polyscale contribution

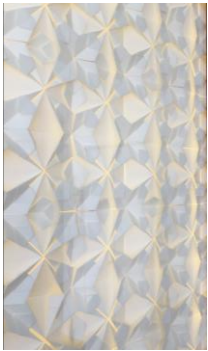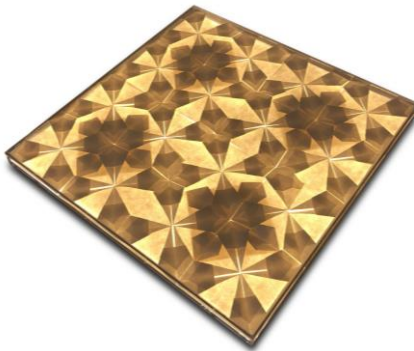Light Guide

LED

Oliver Kessler Design GmbH

polyscale

OLIVERKESSLER

Origamilight II is a flat module made from acrylic and hand folded Japanese paper. Each module is backlit by state of the art LED technology and glows in crème, apricot and orange hues depending on the brightness of the surrounding area, therefore it changes appearance throughout the day. The three dimensional paper tiles remind of a kaleidoscope when changing the angle of view.

Origamilight II modules can be installed next to each other to form an impressive wall cladding, a wall hanging object or it can be integrated into furniture.
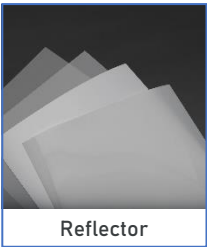

polyscale contribution

LED Panel

RZB Rudolf Zimmermann, Bamberg GmbH – Triona

The TRIONA LED surface area luminaire is a lighting tool that sets new standards in three respects: In visual function, biological effect and emotional lighting quality. Predestined for use in Human Centric Lighting (HCL), the series offers versions with Tunable White technology. With the aid of this technology, dynamic light can be generated that is infinitely variable in terms of color temperature and brightness and simulates the natural course of daylight.

polyscale contribution

| Light Guide | LED | Reflector |

serien.lighting

With CRIB, serien.lighting offers a contemporary, reduced and precise form of a wall luminaire that transfers current technical possibilities to minimal dimensions. The viewer immediately associates the form of the minimalist solitary luminaire with innovative LED technology.
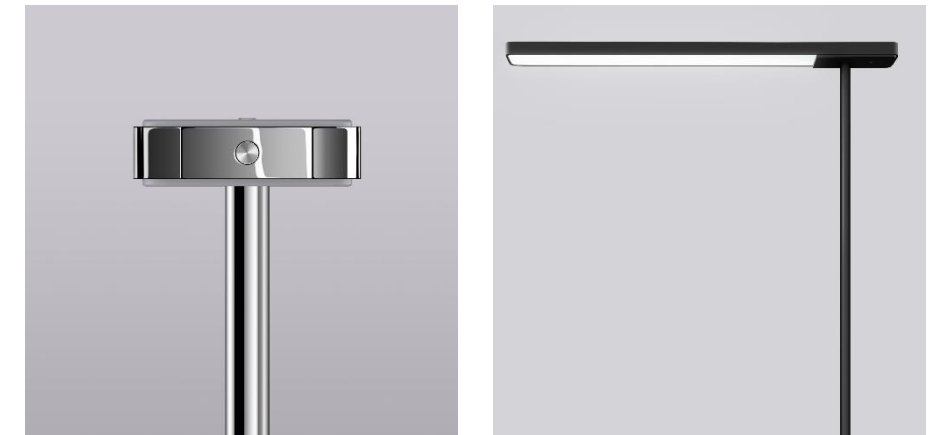

polyscale contribution

Light Guide

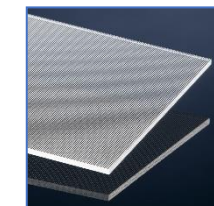# serien Raumleuchten GmbH – SLICE²

Ingmar Kurth

polyscale

serien.lighting

SLICE² represents the technical, functional and formal aesthetic further development of the successful office floor lamp SLICE. With a high proportion of indirect light and a lower proportion of direct light, SLICE² provides an optimum lighting effect for modern office workplaces. The slim, flat design is visually very discreet; its U-shaped base allows it to be positioned close to tables and office furniture to save space, thus integrating it into a wide variety of office contexts.

polyscale contribution

Light Guide

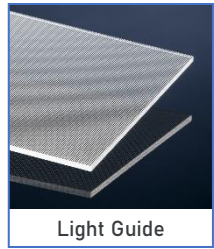Reflector

S. Siedle & Söhne

SSS SIEDLE

For communication at the entrance, Siedle offers a wide range of functions which can be combined. The lighting provides orientation in the dark - for example with the LED light module. It forms the basis for flat wall luminaires or free-standing light steles. Each module is equipped with four LEDs, which remain visible as punctual light sources. Different illuminations and luminous intensities result from horizontal or vertical rows.

polyscale contribution

Light Guide

TSL Escha GmbH – PL151

polyscale

TSL
ESCHA

The PL151 LED workstation luminaire combines functional requirements with attractive office design. The PL151 has an extreme luminosity and requires little space due to its flat design. The surface luminaire can be mounted on walls or with an adjustable arm on tabletop workstations. The colour temperature can be continuously and individually adjusted from cool white to warm white.

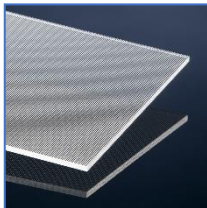## polyscale contribution

Light Guide

Waldmann W

ENGINEERS OF LIGHT

The demand-oriented, multi-variant LAVIGO LED floor lamps impress with a luminaire design that is characterised by clear lines and simple elegance. Thus, the Waldmann luminaire adapts particularly well to different office concepts, furnishing scenarios and furniture systems. LAVIGO also meets the most diverse requirements with a corresponding design: as a floor or table mounted luminaire, as a TWIN-T or TWIN-U variant. In addition, there is a choice of different performance levels to meet requirements, all of them characterised by particularly high energy efficiency. The direct component for uniform lighting at the workplace and the indirect component for pleasant ambient lighting can be dimmed separately.

polyscale contribution

| Light Guide | Reflector |

Zumtobel Lighting GmbH – SLOTLIGHT infinity

polyscale

ZUMTOBEL

SLOTLIGHT infinity combines Zumtobel's lighting expertise with Arup's multidisciplinary engineering skills based on a deep understanding of lighting, design and architecture. The result is a continuous light vein - a kit of light and control options that provides the customer a truly integrated, energy-efficient solution.

polyscale contribution

Optical Film