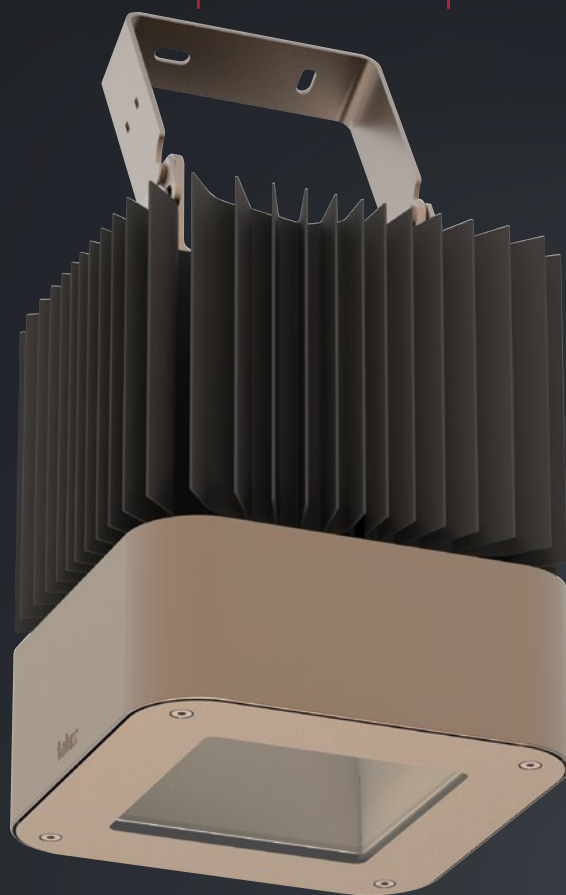


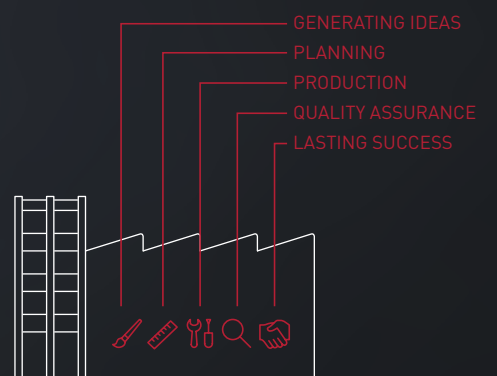
LIGHT

tulux



SWISS LIGHT CREATIONS

BEAM



Tulux – a company
that inspires.

SWISS LIGHT CREATIONS



“Reliability and quality. This is what SWISS LIGHT CREATIONS stands for – and has done since 1948. We invest a great deal in these values – right here in Switzerland, at our production site in Tuggen in the canton of Schwyz. 200 members of staff ensure that genuine Swiss quality is reflected in every stage of the production process. From the idea through to the development, planning and successful implementation, we create lighting solutions that trigger emotions, because they are high quality and because they are truly SWISS LIGHT CREATIONS.

Decades of company tradition commit us to constant innovation. This requires courage, clarity and responsibility: the courage to create new solutions, clarity in implementation, and a responsibility to our staff and to society. That's why we live up to our responsibilities as a manufacturer and play an active role in recycling; after all, lights and lighting should not only be produced in high quality, they should also be able to be returned and recycled properly throughout Switzerland. As an SME, we are a significant player in the market. This is a position that comes with obligations. We take responsibility for our entire industry and bring new meaning to the word quality.

We design light, giving it form and an individual radiance. Rather than an arbitrary set of products, SWISS LIGHT CREATIONS stands for precise, convincing solutions. Our developers create not only high-quality standard luminaires but also special luminaires according to customer requests. Our development focuses on lights and lighting systems for the Swiss market. And, judging from the market's appreciation for what we do, we feel that our claims are justified and that we deliver precisely what we represent: SWISS LIGHT CREATIONS.”

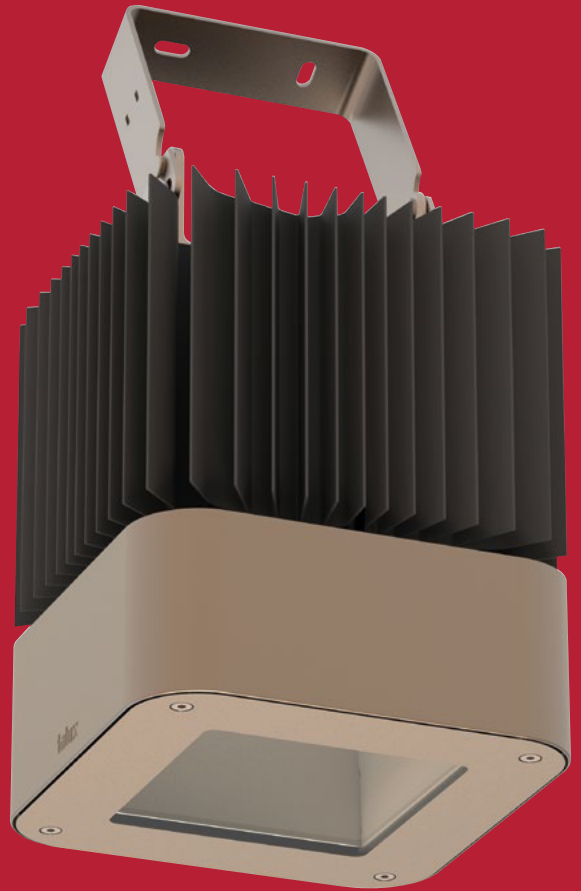
A handwritten signature in dark ink, which appears to read 'Ivo Huber'. The signature is fluid and cursive, written on a light-colored background.

Ivo Huber
Managing Director

BEAM

Contents

5	Five convincing reasons.
6	An idea that became reality.
8	A product that wins people over.
8	Overview
10	Design
11	Cooling
12	Light output
13	Light distribution
14	Installation
15	Durability
16	Applications



BEAM – five convincing reasons.

1. Innovative technology in unique design
2. Precise light guidance for a broad area of use
3. Ideal light output
4. Long-lasting, low-maintenance, robust
5. Trend-setting high-bay luminaire

BEAM – an idea
that became reality.

SALES AND CONSULTATION

“Until now, high-bay luminaires have been regarded more as purpose illumination, which is why BEAM for me represents a small revolution: BEAM now shows a hall, be it an industrial hall, a trade fair hall or a shopping hall, in an entirely different light. With BEAM, it becomes possible to create an individual play of light, with BEAM you can emphasise features. Thanks to BEAM, for example, shopping becomes a true experience. BEAM can also be integrated perfectly into architecture and is a highlight in itself thanks to its form. I like the shape and technology, which was developed and realised in-house just for BEAM. The luminaire has a modern look, in part thanks to its fresh and trendy colour, chamois.”

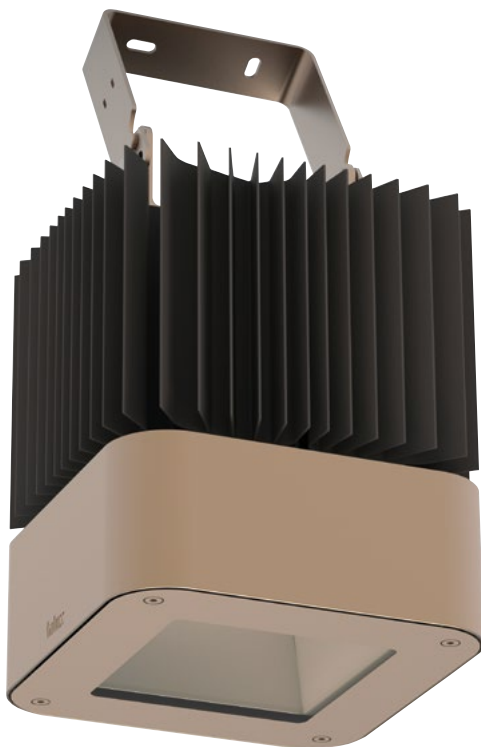
Stefano Marino
Sales Manager



BEAM – a product
that wins people over.

OVERVIEW

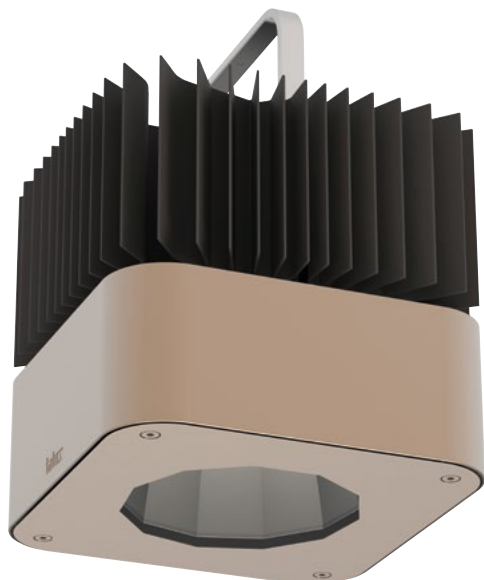
- Semi-matt aluminium housing in metallic chamois
- Cover made of hardened, highly transparent glass
- Highly reflective, low-gloss reflector made of superpure aluminium
- Extruded aluminium profile serves as a heat sink



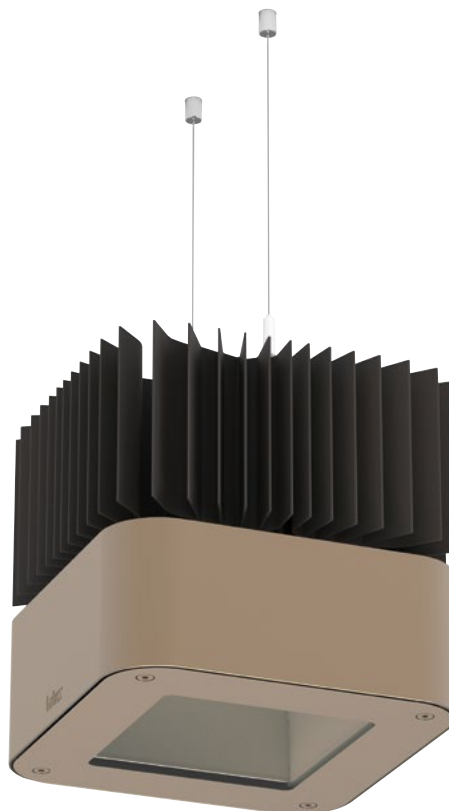
28,000 lm, 30°, square, pivoting bracket



28,000 lm, 60°, round, suspended



17,000 lm, 30°, round, chrome steel bracket



17,000 lm, 60°, square, suspended



Bracket Bracket Suspended Suspended Bracket Bracket Suspended Suspended

Light colour

3000 K/ CRI > 80	•	•	•	•	•	•	•	•
4000 K/ CRI > 80	•	•	•	•	•	•	•	•

Dimensions

300 x 290	•	•	•	•				
300 x 370	•	•	•	•				
300 x 360					•	•	•	•
300 x 440					•	•	•	•

Light distribution

Symmetrical, 30°	•		•		•		•	
Symmetrical, 60°	•		•		•		•	
Asymmetrical, 60°	•		•		•		•	
Rotationally symmetrical, 30°		•		•		•		•
Rotationally symmetrical, 60°		•		•		•		•

BEAM – a product
that wins people over.

DESIGN

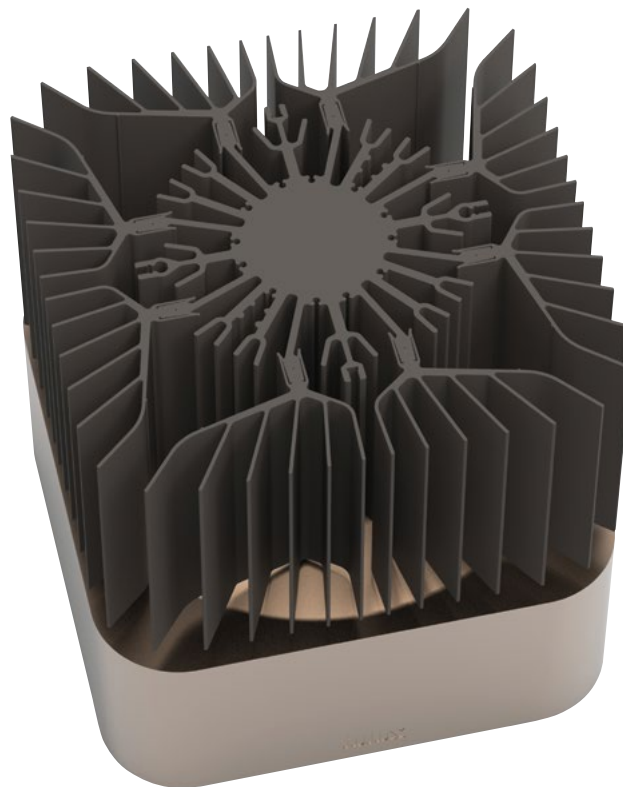
- The compact design separates the cooling and lighting functions into two cubes
- The rounded cubes integrate round and square reflectors, equally and ideally
- The rhythmically arranged cooling fins do not accumulate dust and are easy to clean without impairing the cooling capacity
- The printed glass closes the body by means of four cardan seals, enabling easy replacement of key components
- The colour selection is restrained, warm and modern



BEAM – a product
that wins people over.

COOLING

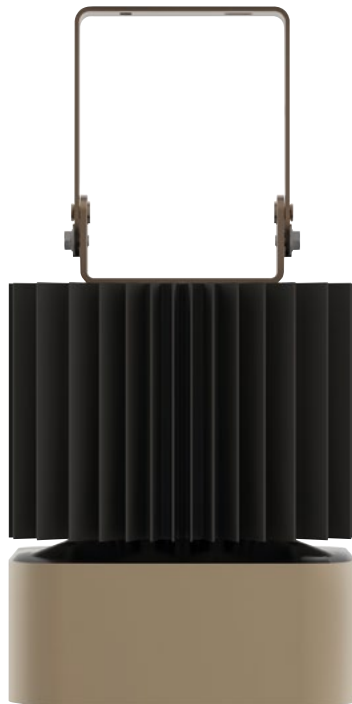
- The passive cooling system specially developed for BEAM is low maintenance, silent and energy efficient
- Thanks to the clever heat sink, BEAM can easily be used with temperatures of -40°C to $+45^{\circ}\text{C}$



BEAM – a product
that wins people over.

LIGHT OUTPUT

- With its 28,000 lm, BEAM replaces projectors with 400W high intensity discharge lamps
- For rooms with low ceilings, BEAM can be used with 17,000 lm
- The ideal luminance is achieved with a single LED light source
- BEAM can be equipped with an autonomous power supply for use as emergency lighting
- Up to 151 lm/W system efficiency



28,000 lm, 30°, pivoting bracket

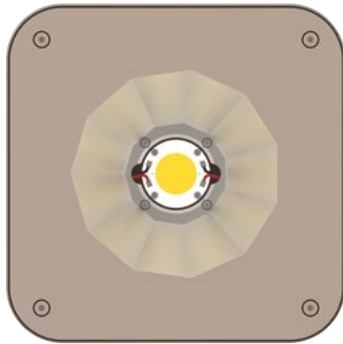


17,000 lm, 30°, suspended

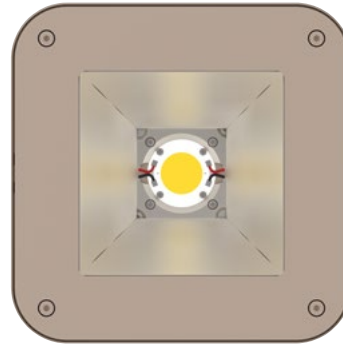
BEAM – a product
that wins people over.

LIGHT DISTRIBUTION

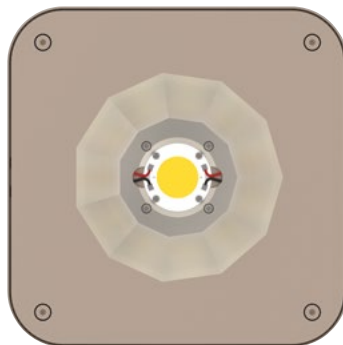
- Depending on the room height and lighting concept, BEAM can be used with a 30°, 60° or asymmetrical radiation angle
- The symmetrical light distribution is available in square or round
- An efficiency of more than 90% is achieved with the precise reflectors



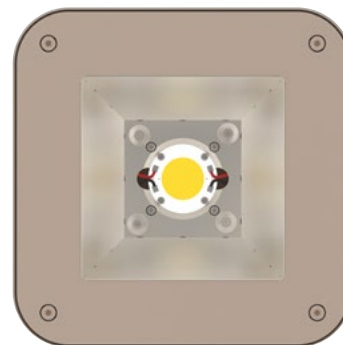
17,000lm, 30°, round



17,000lm, 30°, square



17,000lm, 30°, round



17,000lm, 60°, square

BEAM – a product
that wins people over.

INSTALLATION

- The pivoting bracket allows for levelled installation on ceilings and walls
- On horizontal ceilings, the particularly elegant, non-pivoting bracket can be used
- The pendant installation is another option
- BEAM can be easily installed by one person



Pivoting bracket



Suspended



Chrome steel bracket

BEAM – a product
that wins people over.

DURABILITY

- The combination of high-quality components with a cleverly designed cooling system guarantees a long service life
- The low-maintenance construction, IP protection, ball-impact resistance and easy-to-clean design contribute to its durability
- The easy-to-open glass allows ideal access to the electronic components



BEAM – a product
that wins people over.

APPLICATIONS

- Multi-purpose halls
- Concert halls
- Trade fair halls
- Exhibition halls
- Shopping centres
- Production facilities
- Hockey stadiums
- Warehouse buildings
- Stores
- Petrol stations
- Cargo handling areas
- Thoroughfares



Example application



TULUX AG
TÖDISTRASSE 4
CH-8856 TUGGEN
T +41 55 465 60 00
F +41 55 465 60 01
INFO@TULUX.CH

WWW.TULUX.CH



December 2019