

A black and white photograph of a large industrial factory interior. The image shows a complex network of steel beams, pipes, and structural supports. Numerous bright, circular lights are mounted on the ceiling and within the structure, creating a high-contrast scene. A semi-transparent blue rectangular overlay is positioned on the left side of the image, partially covering the factory structure.

INDUSTRY LIGHTING

EUROPE'S FASTEST GROWING LED LIGHTING PROVIDER

ons



- Developer and producer of industrial and state-of-the-art luminaires.
- Creator of comprehensive interior and exterior lighting solutions.
- One of the fastest growing lighting companies in Europe, operating in 122 countries worldwide.

OMS, a. s.	from 1 July 2017
Established	1995
Number of employees	> 900
Export	98.5 %
Production surface area	103 100 m ²
LIC surface area	810 m ²
Office surface area	2 460 m ²



QUALITY LIGHTING
DEVELOPED AND PRODUCED
IN EUROPE



WHO WE ARE

Our facilities



Dining hall

Production hall:
metal production &
semi-finished products
warehouse

Products in
process
storage

Production hall:
metal production &
powder line

Production hall
Production warehouse

Central
warehouse

R&D centre

Administrative
building
Showroom
Conference room
Bar

Production
hall

Production
warehouse

Gate

Production
hall

Administrative
area

Administrative
area
Warehouse

Production
warehouse

Production
warehouse

WHAT WE DO

Research and
development services



Product supply and
production



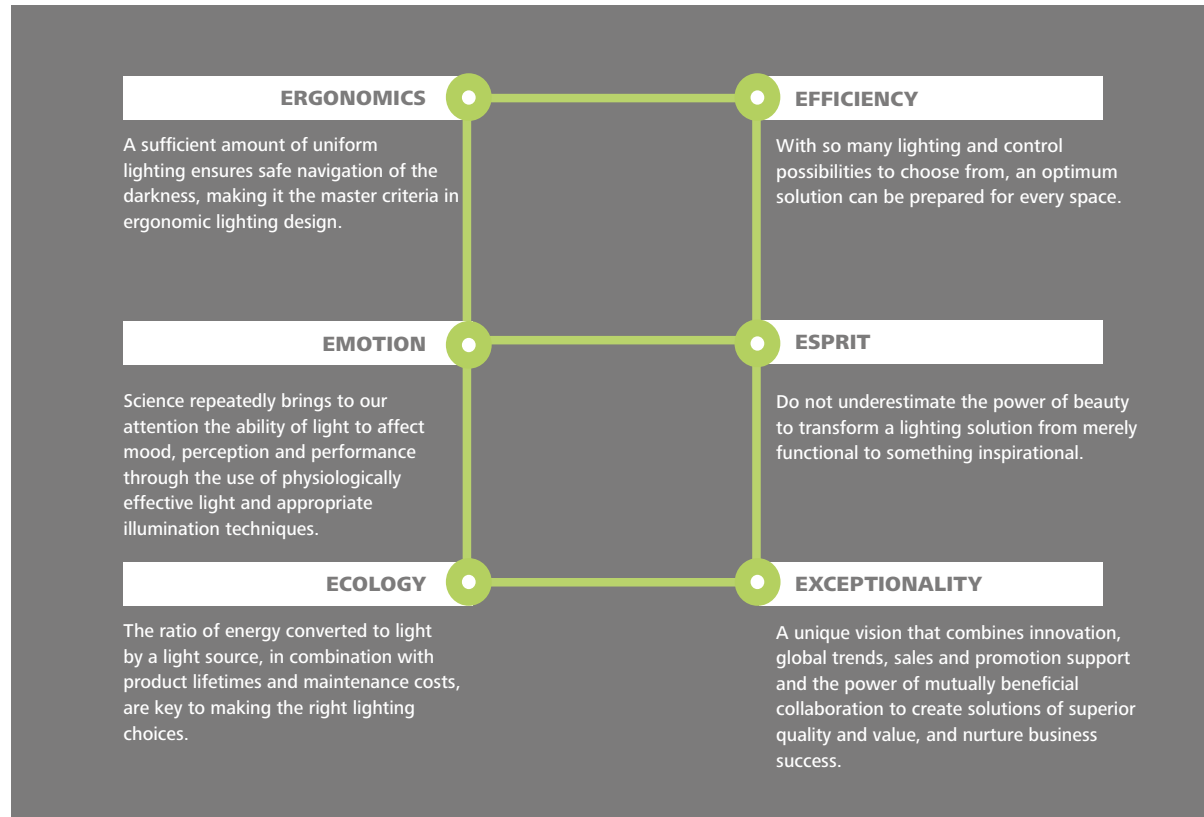
Smart solutions
and projects



LIGHTING QUALITY STANDARD

We believe that a high quality lighting solution is about more than meeting standards. For this reason, we developed the Lighting Quality Standard (LQS), which focuses on the provision of optimal illumination that ensures the comfort and wellbeing of users.

The LQS is a unique assessment methodology based on 20 objectively quantifiable criteria that enables the clear evaluation of a lighting solution's quality understandable to end user.

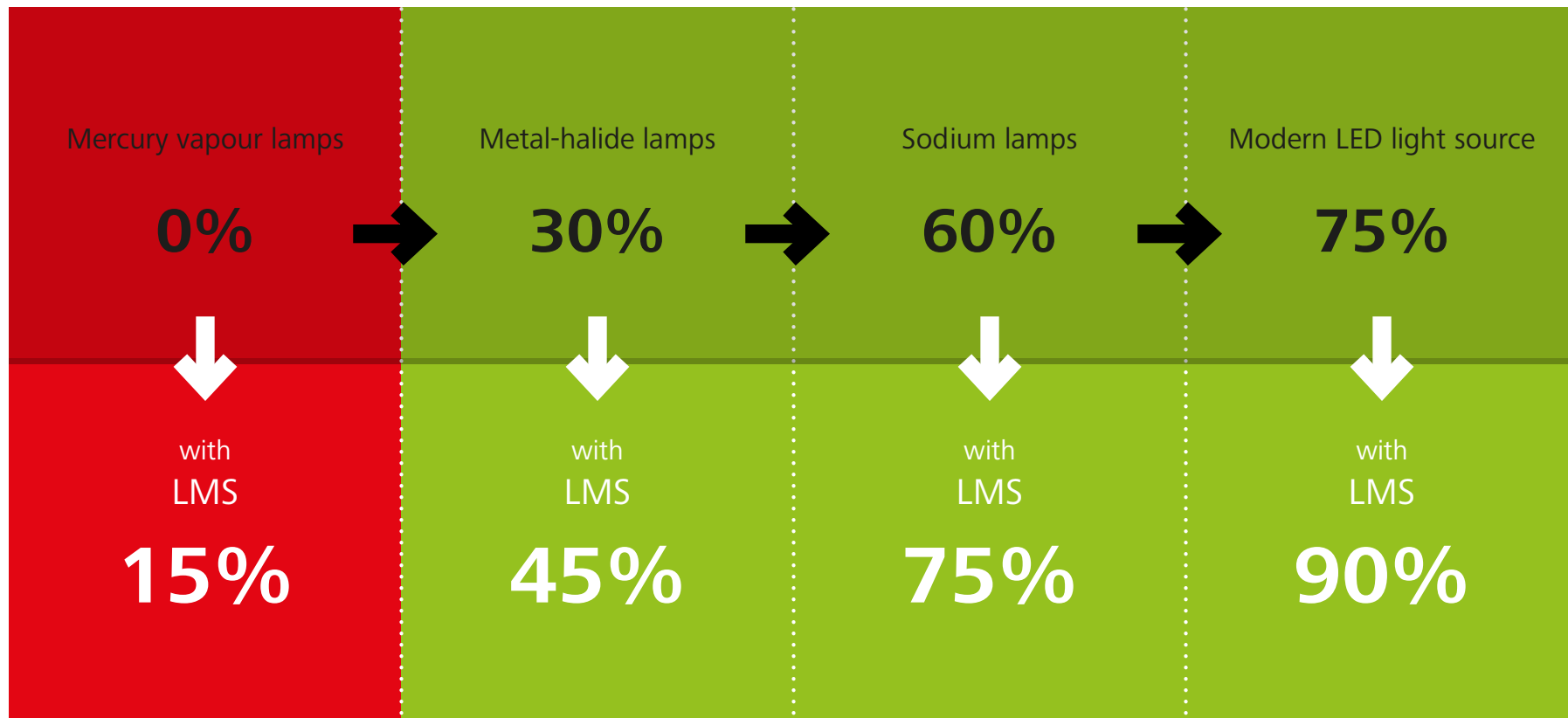


EFFICIENCY

Comparison of light sources

Type of light source	Efficacy of luminaire (lm/W)	Lifetime (hours)
Mercury vapour lamps	28-42	12.000 - 24.000
Metal-halide lamps	45-77	6.000 - 20.000
Sodium lamps	70-140	12.000 - 18.000
LED	120-160	100.000

EFFICIENCY

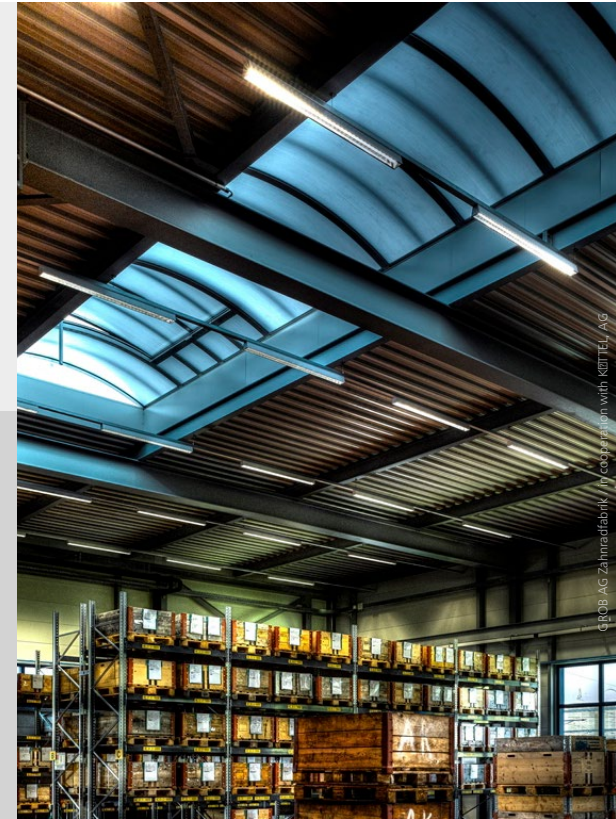
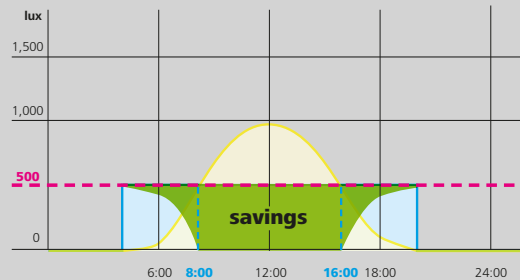
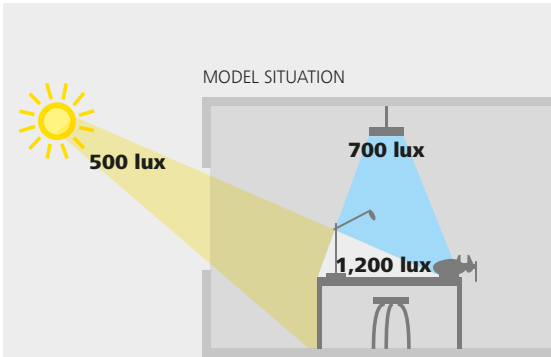


EFFICIENCY

DAYLIGHT SENSOR

Daylight sensors enable the lighting to adapt to the amount of daylight available, no matter what the time, weather or season. As levels of natural daylight fluctuate, artificial lighting is used to ensure the required level of illumination.

Such adaptable functionality can bring savings in energy consumption of **up to 50 %**.

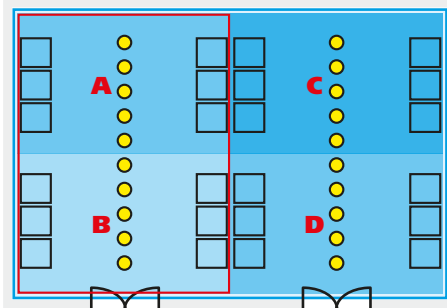


EFFICIENCY

PRESENCE DETECTORS

An extraordinary effective method by which to increase the efficiency of a lighting system and optimise energy consumption.

This is especially in the case , where many spaces do not need to be constantly illuminated.



EFFICIENCY

LIGHTING SCENE

Lighting system management based in the use of predefined lighting scenes is especially beneficial in industrial settings.

Lighting scenes can be used where it is not relevant to control the lighting intensity based on movement or daylight availability but rather according to schedules.



EFFICIENCY



Smart control allows us to enable comfortable and easy control of lighting systems, which can save time and offers the potential for energy savings of up to 80 %.



ERGONOMICS

ILLUMINATION LEVEL

Studies show that workers are more alert and focused under the right light. It leads to reduced error rates and less waste, the incidence of fewer accidents and improved productivity.

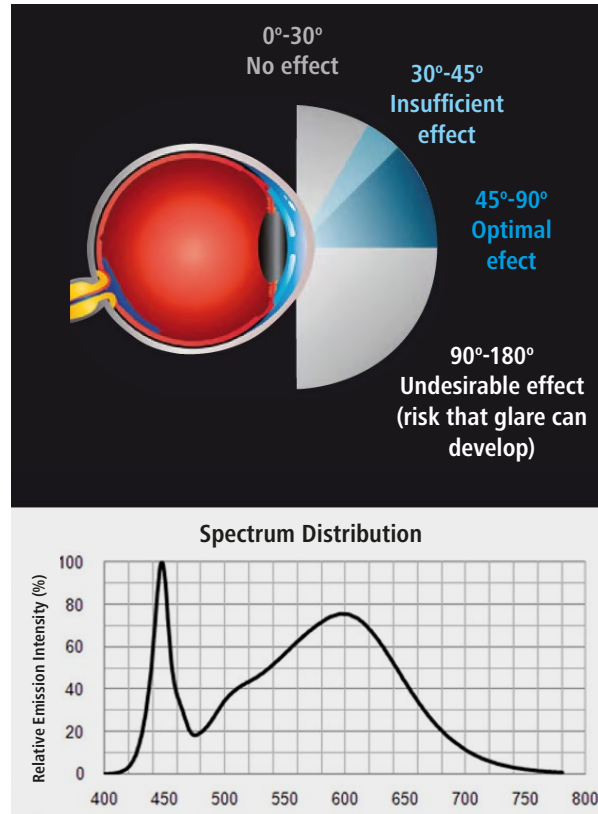
80 % of our perception of the world around us is visual, making proper lighting a key factor in ensuring visual acuity in industrial and production areas.



ERGONOMICS

GLARE PREVENTION

Glare is caused by the presence of areas in the field of vision that have a significantly higher luminance than that of the background or task being performed, which results in excessive contrast and ultimately reduced visual acuity as well as potentially causing health issues. This makes the minimisation of glare especially important for workplace safety.



ERGONOMICS

LIGHTING UNIFORMITY

Lighting uniformity within a warehouse space is essential. Forklift drivers and others must be able to look up and down the stacks of product without constantly having to adjust their eyes.

The human eye functions more comfortably and efficiently when the luminance within the field of vision is fairly uniform.



ERGONOMICS

COLOUR RENDERING INDEX

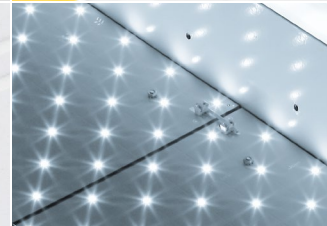
Correct perception of colours plays in many industry segments a decisive part. To provide an adequate colour rendering is therefore one of the key tasks for a lighting designer when planning the lighting system.



ECOLOGY

LATEST LAMP TECHNOLOGY

Conventional light sources emit large amounts of IR radiation, or heat, with commonly used metal-halide lamps emitting approximately 50 % of their used electrical energy as heat.



ECOLOGY

DANGEROUS MATERIAL CONTENT

Most commonly used light sources contain hazardous materials such as mercury, which have a proven negative impact on the environment and health if not handled and disposed of properly.

LED light sources, on the other hand, contain no mercury and negligible amounts of any other hazardous material, making them safer for us and the planet.





A complete solution for control and management that will allow you to save money and increase your comfort.



A decorative background consisting of a grid of small squares. Most squares are grey, but several are blue, forming a pattern that is denser in the center and fades towards the edges. The blue squares are arranged in a way that suggests a stylized 'O' or a cluster of light points.

Thanks for
your attention

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