

Light is universal

TARIS®

A LED luminaire family for a diverse range of lighting tasks in offices and public buildings. **Light is OSRAM**

siteco

OSRAM

TARIS® – Diverse and versatile office lighting

Harmonious light, high-quality design, unique functionality, a diversity of models and various mounting options: the TARIS® family is a new generation of LED luminaires for complete implementation of modern lighting concepts in offices and public buildings.

Universal solution for maximum flexibility and universal planning

The TARIS® luminaires come in two construction designs with common dimensions – square and linear – to enable mounting as lay-in, recessed,

surface-mounted or suspended luminaires.

The luminaire family is therefore ideal for the complete range of applications found in both offices and public buildings – and allows simple, efficient and elegant implementation of modern universal lighting concepts.



Innovative technology for efficient new installations and renovations

The innovative Optical Core System of the TARIS® LED luminaires ensures high visual comfort and features very good glare reduction ($UGR \leq 19$) to provide the ideal prerequisites for lighting conditions according to current standards in modern office environments.

What's more, the TARIS® is also a highly economic all-in-one LED solution and the perfect easy-mounting direct replacement for existing T5 and T8 luminaire installations.



Areas of application

- Commercial and public office buildings
- Schools, universities and educational facilities
- Offices, meeting rooms and conference rooms
- Classrooms, lecture theaters, lecture halls
- Canteens, recreation rooms and break rooms
- Foyers, lobby and lounge areas
- Corridors, stairwells, traffic routes



TARIS® at a glance

- Many versions (construction designs, dimensions, light intensities, mounting options as well as sensor technology, control and emergency lighting functionality according to DIN EN 605982-22)
- Modern LED luminaire with efficiency of up to 178lm/W and long lifespan
- Elegant, integrative design for diverse applications in offices and public buildings
- Compact and robust luminaire with hybrid construction based on high-performance plastic and aluminum
- Innovative lighting technology for pleasant atmosphere and standard-compliant lighting conditions ($UGR \leq 19$; CRI 80)

TARIS® – Cutting-edge technology for contemporary lighting solutions

Progressive lighting technology for a high degree of visual comfort

Brilliance and glare reduction do not have to be rivals. This luminaire series boasts impressive light production. When designing the optical system, one of the key criteria was that light would be directed to where it should be in the area where work is performed, so onto the desk and its immediate surrounding, and not diffused in a scattered and unfocused way. This means the designer can adopt an approach that allows an interplay of light and shadow to be created in the application – focusing light where it should be, that's Taris.

The patented and innovative Optical Core System of the TARIS® LED family of luminaires is based on a combination of louver and lens technologies. The optical core is surrounded by light-directing structures, increasing the light-emitting area and minimizing the subjective sensation of glare.



Light Guide Technology

Peripheral light control structures create a brilliant appearance and minimize the subjective light pressure by enlarging the emitting area.

Optical Core System

The hybrid optical concept consisting of linear lenses and reflectors guarantees excellent optical efficiency, while optimum glare reduction values ($UGR < 19 \leq 3000 \text{ cd/m}^2$) and light distribution optimized for office applications ensure the best possible light quality.

Solid State Lighting inside

The highly efficient PrevaLED® Value LED linear module together with OSRAM drivers impresses with maximum efficiency values of up to 178 lm/W from the luminaire.

Hybrid Construction

Not only is the optical principle hybrid, rather also the construction principle of the luminaire. The supporting structure is formed by an elaborate aluminum profile inside the luminaire, which is fully encased by the visible housing parts made from high-performance plastic.

The principal advantages include the reduced dead weight of the luminaire with maximum torsional resistance as well as freedom in the design process during development.



TARIS® – Intelligent product concept for simple and universal use

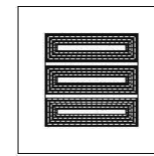
All-in-one LED luminaires for successful renovation

The TARIS® family is the ideal solution for simple and effective direct replacement of conventional T5 and T8 lighting solutions. The TARIS® luminaires ensure a significantly higher brightness level and better light quality with respect to glare reduction, contrast reproduction and light distribution.

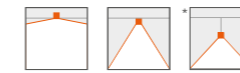
In addition, they boast impressive efficiency values of up to 178lm/W and a significant improvement in installation efficiency with energy savings potential of up to 85% through integration of daylight and presence detection sensors.



TARIS® square – for lay-in, recessed, surface-mounted and suspended installation



625x625/600x600mm | 3930lm (direct 4000K)
625x625/600x600mm | 3930lm (direct 4000K)



Light distribution
Color temperature
Control
Rated service life
Efficiency
Sensor technology (optional)
Emergency light (optional)

Direct
3000K, 4000K
ON/OFF, DALI
L₉₀ @ 50,000h (B50)
Up to 153lm/W (4000K/ lay-in installation)
Daylight, presence (combined)
3h, central battery

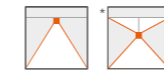
TARIS® linear – for surface-mounted and suspended installation



L = 1230mm | 4750lm (direct 4000K) – 6090lm (direct/indirect 78/22%)*



L = 1510mm | 5940lm (direct 4000K) – 7610lm (direct/indirect 78/22%)*



Light distribution
Color temperature
Control
Rated service life
Efficiency
Sensor technology (optional)
Emergency light (optional)

Direct, direct-indirect
3000K, 4000K
ON/OFF, DALI
L₉₀ @ 50,000h (B50)
Up to 177lm/W (pendant 151cm / 4000K)
Daylight, presence (combined)
3h, central battery

TARIS® linear for recessed installation



L = 962mm | 3560lm (direct 4000K)



L = 1243mm | 4750lm (direct 4000K) – 4200/1040lm (direct/indirect 80/20%)*



L = 1543mm | 5940lm (direct 4000K) – 5250/1300lm (direct/indirect 80/20%)*



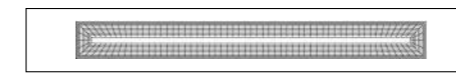
Light distribution
Color temperature
Control
Rated service life
Efficiency
Sensor technology (optional)
Emergency light (optional)

Direct
3000K, 4000K
ON/OFF, DALI
L₉₀ @ 50,000h (B50)
Up to 178 lm/W (L: 962mm / 4000K)
Daylight, presence (combined)
3h, central battery

TARIS® linear for lay-in installation



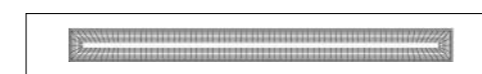
1247 x 310mm / 1197 x 297mm | 3560lm* – 20W (luminaire insert 962mm)



1247 x 182mm / 1197 x 182mm | 3560lm* – 20W (luminaire insert 962mm)



1547 x 310mm / 1497 x 297mm | 4750lm* – 30W (luminaire insert 1243mm)



1547 x 182mm / 1497 x 182mm | 4750lm* – 30W (luminaire insert 1243mm)



Light distribution
Color temperature
Control
Rated service life
Efficiency
Sensor technology (optional)
Emergency light (optional)

Direct
3000K / 4000K
ON/OFF, DALI
L₉₀ @ 50,000h
Up to 178lm/W (L: 962mm / 4000K)
Daylight, presence (combined)
3h, central battery



* luminous flux figures for ECG DALI version – 4000K

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