

R5



ETAP 

EXCELLENT LIGHTING, SAVING ENERGY



## R5: slimline shape, maximal performance

Because of the timeless design of R5 this series can easily be integrated into various spaces. We deliver R5 as a standard with the use of the best optical systems: our EQUILUM® reflectors and MesoOptics™ diffusers combine high comfort with low energy consumption.

You can choose R5 as a surface-mounted or suspended luminaire, both individual and in-line versions are available.



*no visible seam*





## EQUILUM® reflectors: energy efficiency and visual comfort

EQUILUM® reflectors prevent disturbing peak luminances and provide even shielding in all directions. This offers you freedom to organise your space as you desire. With EQUILUM®, R5 more than meets the luminance requirements of EN12464-1, the European lighting standard for workstations.

EQUILUM® also keeps your energy consumption to a minimum. The high level of efficiency combined with the specific light distribution ensure that lighting levels can be achieved with fewer luminaires, guaranteeing reduced energy costs and installation costs.

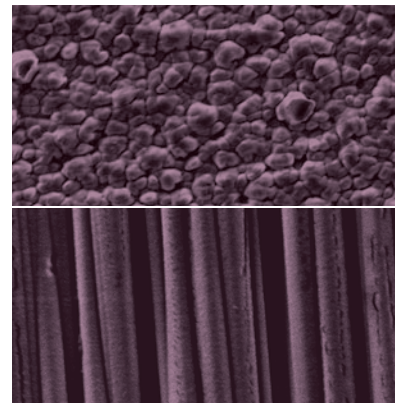


## MesoOptics™ : high-end diffusers

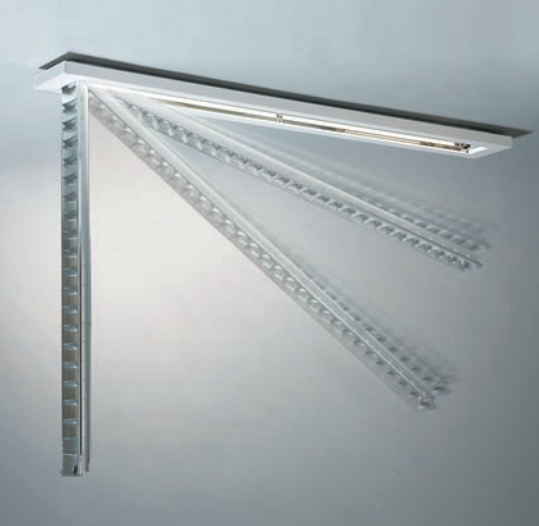
MesoOptics™ is an innovative technology consisting of specially designed microstructures onto a transparent material. These structures are very fine (5 micrometer) and cannot be seen with the naked eye. MesoOptics™ distributes the light in a well-controlled way. There are almost no reflections in the material itself.

The diffusers of the R5 series make use of this MesoOptics™ technology. The advantages are remarkable: high level of efficiencies, a rigid design, no lamp mark-off and 70 % indirect light to create brighter rooms.

*Microscopic structure guarantees  
a controlled light distribution.*







## Easy installation and maintenance

R5 is designed for fast and easy installation. The suspension set contains all parts needed for easy suspension of R5. The quick adjustment system allows for suspension heights to be easily adjusted. For ceiling mounted luminaires, a cable channel is available as an option.

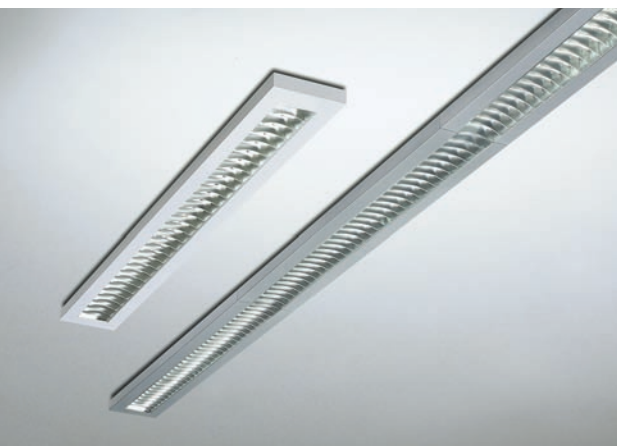
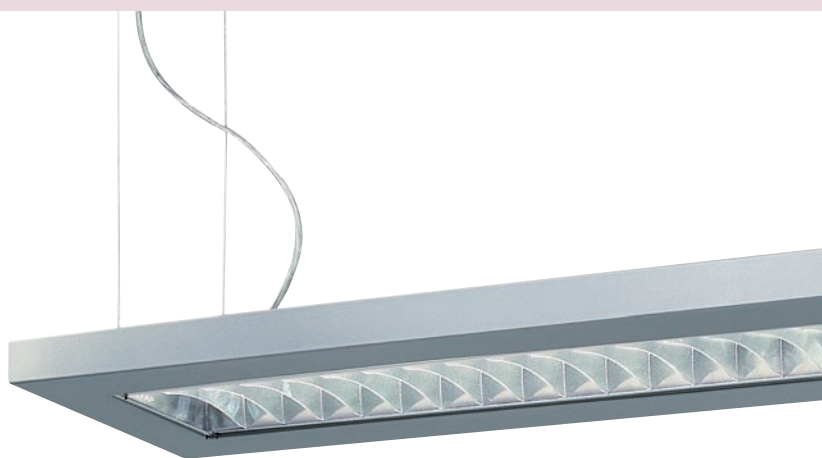
Also maintenance of R5 is simple. For diffuser luminaires all components can be reached from the top for cleaning purposes or replacement of lamp and ballast.

Also the hinged optics of the reflector luminaires assure an easy lamp replacement and maintenance.

## R5 range

### Reflector

Reflector luminaires are available in various lengths, both suspended as well as recessed version.



## Made-to-measure

### Colour

R5 is standard available in white (RAL9003) or aluminium white (RAL9006). On request, all other RAL colours are available.

### Integrated lighting controls and emergency lighting

Lighting control systems allow you to make considerable savings on your energy bill. The ELS system dims the artificial light depending on the amount of daylight. The ETAP multisensor for DALI (EMD) combines daylight and movement dependent daylight control with movement detection and IR control. Also a link to ELM (Energy & Light Manager), the light control system at building level from Excellum is possible.

Luminaires with emergency units are available as standard in the R5 series. On request, integration of the K9 module is possible. This recessed LED module provides optimal lighting in emergency situations.



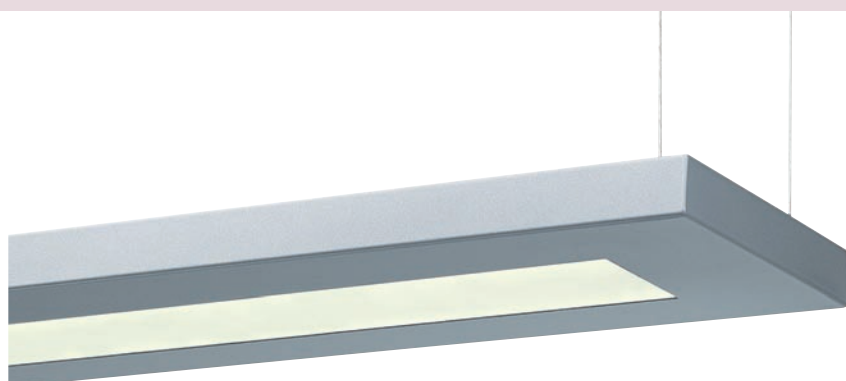
ELS



EMD



K9



### Diffuser

Diffuser luminaires are available in double lamp version.

The diffuser is available in two versions. The PMMA version satisfies the filament test at 650°C, in compliance with current fire-safety requirements. For stricter requirements the R5 diffuser is also available in a version, which satisfies the filament test at 850°C.





# R5

Pure and seamless design  
Slimline shape  
High-end reflectors and diffusers  
Minimal energy consumption  
Easy installation and maintenance

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