

Press release

New LUMIMAX[®] Area Lights of the LG-V02-series



The different sizes of the new LUMIMAX[®] LG series with LightGuide technology

Suhl, May 2020. The new generation of the LUMIMAX[®] LG series (LG-V02) is now available. The focus of this new development was on the significant optimization of the casing design, the controller technology as well as the LightGuide technology.

The latest generation of LUMIMAX[®] Area Lighting with LightGuide technology convinces thanks to double-sided LED injections with greatly improved homogeneity and brightness values. Available as collimated backlights for very demanding applications, as highly diffuse backlight illuminations or as incident light variants with camera view, these illuminations cover a variety of different machine vision applications.

Due to the completely revised design, such as the repositioning of the cooling fins and the optimization of the light guides and controllers, the mechanical construction was significantly reduced.

The dimensions (l x w x h) and the weight of the new versions are about 25% lower compared to the predecessor models - with the same light field dimensions. The protection class could be increased to IP64.

Uniform mounting holes facilitate the integration into existing systems as well as an easy replacement of different illumination sizes.



New cooling fin position and cable outlet on the rear of the LG Area Lighting for space-saving integration into the machine environment

Thanks to newly developed flexible cable outlets on the rear of the lights, the connection cables can be flexibly positioned. Integrated controllers for flash or permanent operation allow quick and uncomplicated integration.

Thus, the optimized, more compact casing design with protection class IP64 enables flexible use in demanding industrial environments.

All known advantages of the LG series, such as the innovative LightGuide technology and the integrated lighting or flash controllers, are retained. Moreover, the series LG2020, LG3020 and LG4030 are still available as CB variants with camera hole for incident light applications.

Despite the numerous optimizations, the new LG

Area Lights can be offered at the usual conditions.

Would you like an offer for our new LG Area Lights? Our service team will be glad to help you.

About iiM AG

iiM AG measurement + engineering is the developer, manufacturer and distributor of high-quality, high-performance products for Machine Vision. In Suhl, we develop and manufacture high-performance and highly functional LED lights under the LUMIMAX® brand for Machine Vision applications in a very wide range of industrial areas, such as for the automobile, semiconductor, pharma, food, drinks and tobacco industries. A second division develops and markets special measuring technology and peripherals for the cable and wire industry to record geometric features, particularly on insulating covers and cable sheathing, in accordance with standards. A team of over 50 engineers, technicians and skilled workers assists our customers as a partner when realizing their challenging tasks. In order to guarantee a high standard of our processes as well as continuous improvement, we annually undergo an inspection of our Quality Management System according to ISO 9001:2015 and are certified by DEKRA Certification GmbH.