

**YESTERDAY, TODAY  
AND IN THE FUTURE**

### **BROAD PERSPECTIVE**

- When the main focus is on effectiveness
- Individual solutions with a high integration level and maximum benefits
- Installation is simple and fast:  
low-maintenance, robust and durable in use



### **PAPENMEIER QUALITY**

- DIN EN ISO 9001: 2015, TÜV NORD
- Dekra/Exam according to ATEX 2014/34/EU



### **Not the right one?**

Lumiglas is your partner for constructive project planning in visual observation. From the CAD drawing via the model to the finished product.

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Feel free to contact us!

## **Lumistar Luminaire ESL 53LED Ex**

The small system luminaire  
for hazardous areas



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**PAPENMEIER**

F.H. Papenmeier GmbH & Co. KG, Talweg 2, 58239 Schwerte,  
Germany • Phone: +49 2304 205 0 • Fax: +49 2304 205 205  
info@lumiglas.de • www.lumiglas.de

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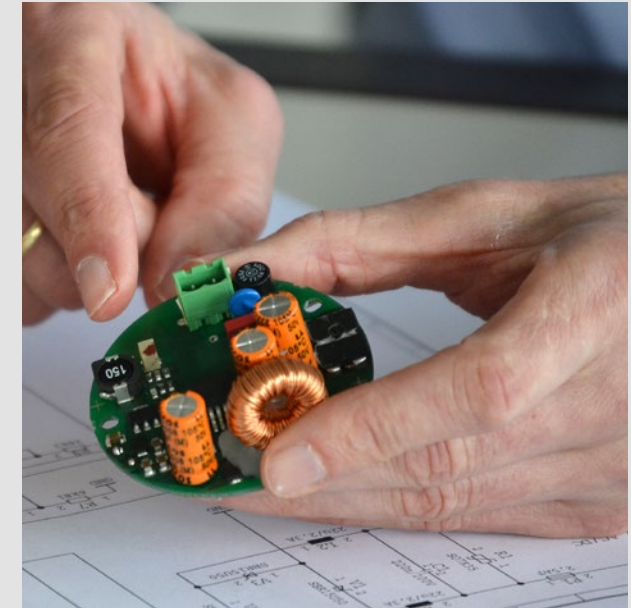
**PAPENMEIER**  
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# PROCESS LIGHTING AND VISUAL CONTROL SYSTEMS

## Lumistar Luminaire ESL 53LED Ex



Small size – maximum security



### PRODUCT

- The combination of compact construction and hygienic design make the Lumistar Luminaire ESL 53LED Ex a flexible sight glass luminaire
- The processing fulfils the requirements of the European Directive 2014/34/EU
- ATEX certified
- Can be used in potentially hazardous areas
- Gas: Zone 1 and 2; Dust: Zone 21 and 22



### APPLICATION

- The safe luminaire solution for hazardous areas in the chemical, pharmaceutical, biogas and food processing industries
- Optimal for illumination of boilers, tanks, agitators, silos and other generally enclosed normally containers and reactors



### TECHNICAL DATA

- Use in environment temperatures of max. 40°C/T6 and max. 50°C/T4
- Trend-setting LED technology
- Light colour: 5700 K daylight white, other light colours on request
- Beam angle: 19°
- Luminous flux: 500 lm
- Protection class IP 65 and IP 67 according to DIN EN 60529
- 24 V AC/DC - 7 W
- Total length: 165 mm, diameter: 53 mm