

ExeLed 1

LED Light Fitting for hazardous areas Zone 1 and 21



- LED modules with innovative encapsulation
- highly efficient with luminous efficacy up to 142 lm/W
- applicable in ambient temperatures between -30°C - and +55°C / +70°C depending on version

SCHUCH - with passion for excellent lighting.



Highly innovative LED technology for hazardous Ex-Gas and Dust areas



Hazardous Areas with combustible gases or dusts are the most dangerous ones in the industries. Reliable and safe engineered LED solutions are a real challenge for the design of Explosion Proof Light fittings. The advantages of LED technology have to be in conformity with the applicable Ex-rules and all this with competitive pricing. An innovative encapsulation of the LED modules in combination with diffusers sandwich design are the perfect solution realized in the ExeLed 1 series.

LED-Light Fitting ExeLed 1 (Series e865...)

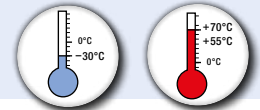
The advantages are obvious:

- Highly efficient with luminous efficacy up to 142 lm/W.
- Outstanding luminous flux of up to 9,260 lm.
- High colour rendering CRI typically 80 for installation in almost all workspaces in conjunction with the relevant national standards for lighting.
- Applicable in ambient temperatures between -30°C - and +55°C / +70°C depending on version.
- Explosion Group IIC, hence suitable for atmospheres with hydrogen and acetylene.
- DALI interface optional for control and dimming.
- LED modules with innovative encapsulation.
- Robust enclosure to avoid mechanical or electrostatic impact to the LED modules. Provided through sandwich-design of diffuser and reflector.
- With frosted diffuser to avoid glare and to provide a comfortable light perception or clear for highest luminous flux.
- Easy to install due to an outer mounting system for variable mounting point distances.

up to
142 lm/W

up to
9.260 lm

CRI typ. 80



IIC

DALI

SCHUCH
SQUALITY
made in Germany



*SCHUCH – quality and innovation since 1895.
Challenge us!*