

SCHOTT HelioSpot

Highly attractive light insert designed for the installation into thin wall or ceiling panels



Product Characteristics

The integration of work lights in thin wall panels faces various challenges. In particular this means: very limited space, resistance against humidity, restrictions to wiring and heat dissipation are requested. Many LED lighting solutions do not fulfil these requirements. SCHOTT found a smart solution that can easily be integrated even into the thinnest wall panels, matches the overall lighting concept, offers an excellent temperature management and highly customized product design. The combination of flexible fiber optic light guides, small but effective LED light sources and the light outlet guarantees an attractive solution wherever space is limited but light is needed. Stunning light effects through reflections can be created by the integration of mirror elements.

Technical Specifications of LED Light Source

Power Input	8 – 28 VDC
Max. power consumption	3,5 W (depends on required brightness setting)
Max. Typical weight	150 g
Dimensions	52 mm height, 39 mm diameter
Control	Via Passenger Control Unit or Galley Control Unit

Technical Specifications of fiber optic light guide

Diameter of fiber optic bundle	e.g. 4.5 mm (can be customized)
Diameter of ferrule	e.g. 6 mm (can be customized)
Max. length	2 m (depends on required brightness)
Weight / meter	70 g (diameter of fiber optic bundle 4.5 mm)

Product Advantages

- High level of design freedom
- Only mechanical requirements needed within the panel
- No electrical energy or heat transmission in the panel
- Integration in very thin panels (about ½ inch)



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