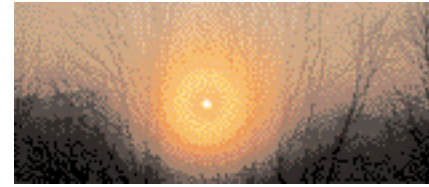


LIGHT SENSOR

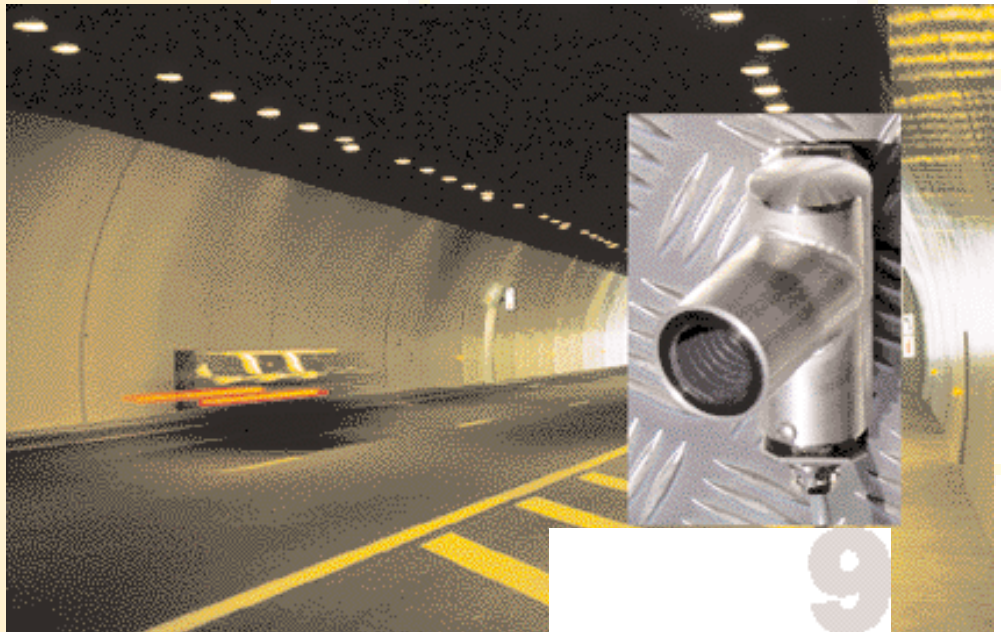
Solar Cell Technology



LUT 9

The LUT 9 measures luminance at the entrance of tunnels. It adjusts the illumination levels under natural lighting conditions and guarantees maximum safety to drivers, all the while avoiding the “black hole” phenomenon – even on the sunniest of days.

The LUT 9 luminancemeter is placed at a sufficient distance from and facing the tunnel entrance (for example, 100 meters). With a measuring range of 20°, it analyzes the central - and most important part - of the driver's visual field in the tunnel's approach zone. It provides analog information (4 to 20 mA) in proportion to the measured illumination.

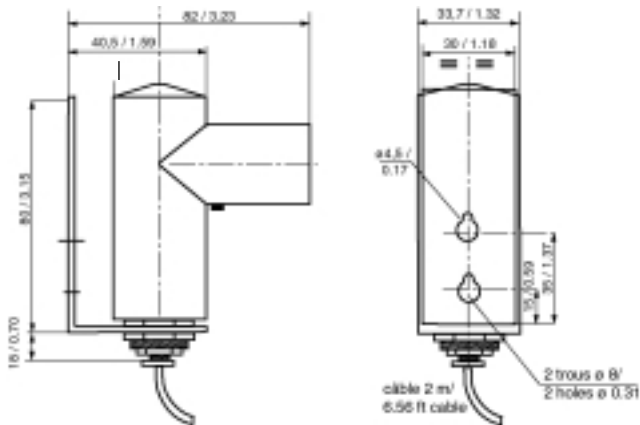


Light Sensor with analog output.

APPLICATION

Tunnel illumination control

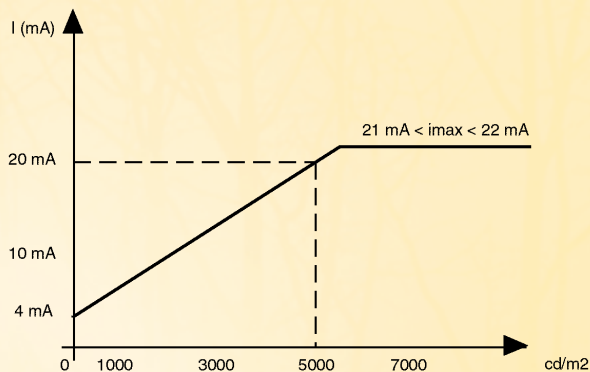
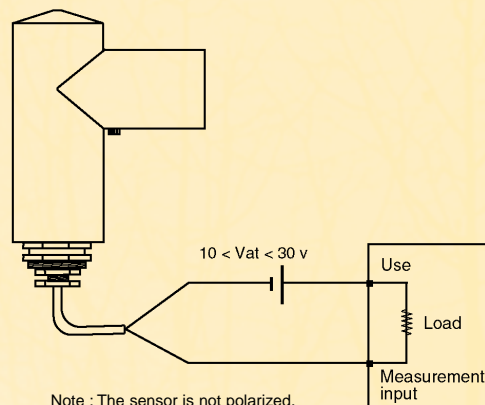
WIRING DIAGRAM



CURRENT LIMITATION

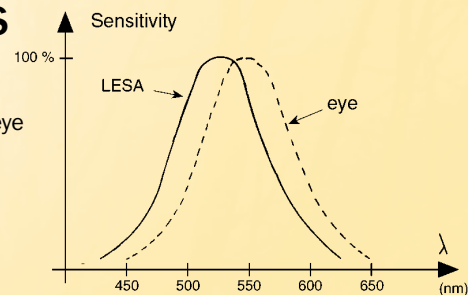
Full-scale luminance: cd/m^2

LOAD MONITORING



TECHNICAL SPECIFICATIONS

- Luminance measurement: 20° angle
- Linearity: better than 1%
- Spectral sensitivity: close to that of the human eye
- Sensor 2 wires not polarized
- Power supply voltage: 10 to 30 Vdc
- Operating temperature: -30° to $+60^\circ$
- Storage temperature: -55° to $+80^\circ$
- Sealing: IP 67
- Stainless steel casing
- Connection: by 4 m cable (2 x 0.4 mm^2)
- Mounting: by square (for 4 mm diameter screws)



ORDERING INFORMATION

■ Luminancemeter

FF - LUT 9

Assistance technical assistance

↔ Tel. (0)4 76 41 72 33

"Due to changes in standards and materials, we cannot be bound by the specifications and images contained within this document until after confirmation of our services."
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