

www.pintsch.net



Signals.

Seeing and being seen.



**PINLUXON 350 (P145 LED)
Level Crossing Driver Indicator Signal**

2-100002802-54EN | Rev: 00 | 16.08.2022

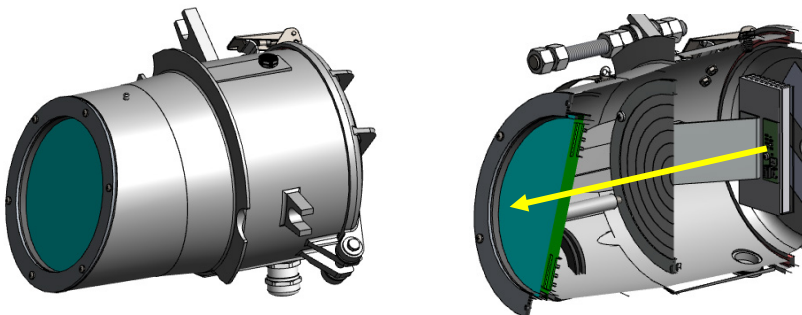
PINLUXON 350 (P145 LED)

Field of operation:

The LX driver indicator signal P145 LED is a stationary light signal for railway operation in the area of Railway Construction and Operation Regulations (EBO), Railway Signal Regulations (ESO) and non-federal railways (NE railways). The signal unit P145 LED WH is used as a monitoring signal BÜ0/BÜ1 (ÜS) or monitoring signal repeater (ÜSW) and informs the locomotive or train driver (Tf) of a secured or unsecured level crossing by means of a white signal light. The P145 LED G (YE) indicator signal is an active marker light (permanently switched on yellow signal light), marking the location of the signal for train speeds above 120 km/h, otherwise retroreflective foils are attached to the spots on the signal screen.

Function:

In the centre of the optical system there is a central LED (white or yellow LED, depending on the version) mounted on a heat sink. A Fresnel lens is mounted at an appropriate distance in the direction of light propagation (see illustration below) and behind it a diffusing lens and the cover glass.



Version:

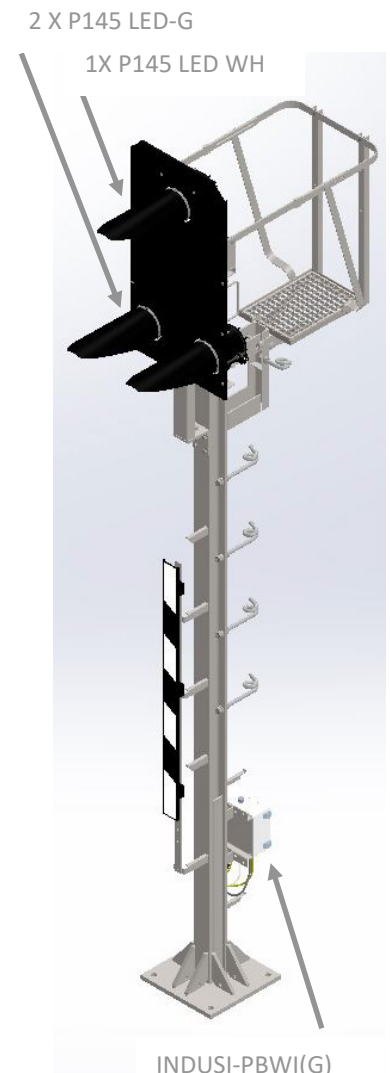
The P145 LED level crossing indicator signal is available in the variants white and yellow.

Technical data:

- Dimensions: H 232 mm X W 232 mm X D 305 mm
- Weight: ~ 4.3 kg
- Ambient temperature: -25°C - +40°C
- Protection class: IP 54
- Light colour and luminous intensities: according to DB LH
Luminous intensity I_{Type} WH 1350 cd / YE 350 cd
- Electrical interface: Control via e.g.
INDUSI switching unit PB-WIG

Application:

e.g. LX driver indicator signal
BÜ 0/1



Features:

- DB specifications
- Very good close and distant recognition
- High availability due to LED technology
- Very low power consumption ~ 1.0 W
- EBA-GluV / DB approval