

CASESTUDY

BY MINILAMPE

COMPLETE BESPOKE LED LIGHTING SYSTEM SOLUTION

RAILWAYS SNCF MOBILITES TER2NPG Z23500

MID-LIFE REVISION



DESIGN DEVELOPMENT MANUFACTURING



THE REQUIREMENT

With the mid-life revision, operators today wish to update their trains by bringing more comfort and improving design. Within this context, SNCF has decided to replace the halogen lighting systems by LED technology on TER2Npg Z23500 train platforms.

ISSUE.

■ To support our customer by offering a custom-made and economical solution for the replacement of the current lighting by LED technology.

THE SOLUTION

With its Research & Development Department, its production unit and its laboratory located in France, MINILAMPE is an historical manufacturer of the Railways sector. MINILAMPE has been chosen by SNCF to design a custom-made Monobloc 72VDC LED spot that meets the technical constraints, EN50155/EN45545/EN13272 certified, within the customer's deadlines.

THE RESULT

■ **Reduction of maintenance costs.** Life is 50 000 hrs.

No change of your equipment fits within the space envelope of the existing lighting.

■ **Power consumption reduction from 160W to 20W by platform** (8 X 20W halogen spots replaced by 8 X 2.5W LED spots).

Guarantee of the lighting level when using the 72V battery in case of failure.

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