

CASESTUDY

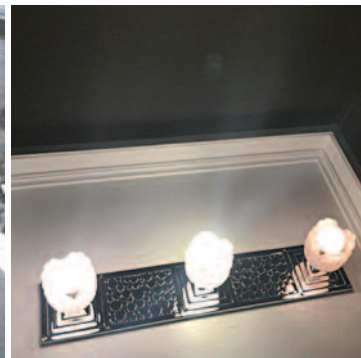
BY MINILAMPE

CUSTOM-MADE
LIGHTING
SOLUTIONS
PLUG & PLAY
SOLUTIONS

RAILWAYS

ORIENT EXPRESS
B22D 28V DC SPHERICAL
FROSTED LED LAMP

TRAIN INTERIOR
OUTFITTING



UPGRADING
REFURBISHMENT
RENOVATION
SOLUTION
TO OBSOLESCENCE



THE REQUIREMENT

As part of the restoration and modernization of the legendary European train, the Orient Express, our customer wished to replace the existing lighting of the Pullman & Phoenix cars of the 1920^s.

ISSUE.

- To offer a Plug & Play LED Lighting solution for all the luminous points of a prestigious and historical place which is the Orient Express.
- To meet our customer's requirements in reduction of maintenance costs and power consumption.
- To meet the aesthetics, to perfectly restore the color of an incandescent lamp with 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 railway sector.

MINILAMPE has designed a B22D 28V DC spherical frosted LED lamp to replace the incandescent lamp in ceiling lights, table and restaurant lamps, corridors, cars. MINILAMPE meets customer's requirements on aesthetics, without distorting the "spirit" of the Orient Express while highlighting the interior finishes (scintillating crystal, sumptuous hanging and waxed woodwork).

THE RESULT

MINILAMPE, through its expertise and know-how in lighting, has designed & supplied a single LED lighting solution that meets the customer's requirements on:

- **Technical aspect** (Plug & Play).
- **Aesthetic aspect** (Enhancement of the place, restitution of the halo and color of the incandescence).
- **Economical aspect** (Lifetime X 10).

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