

# Lighting fixtures for tunnels





## Lighting fixtures for tunnels

Construction of a tunnel for vehicular traffic is a big engineering challenge. A lack of daylight creates the need for lighting which mitigates the problems of contrast adjustment, distance and speed evaluation for drivers in tunnels.

We offer a range of products to solve these complications. All of them can be tailored to meet our customers' requirements. Our company is committed to provide the correct visual environment for roads and pedestrian underpasses users using latest energy efficient technologies and custom beam shaping.

## TLP 39 MLED

### Lighting for pedestrians underpasses

To fulfil the demand for robust and reliable pedestrian underpass lighting we have designed the luminaire TLP 39 MLED

TLP 39 MLED can be equipped with 3h emergency unit, wide or narrow beam optics, DALI driver. Other modifications are also available on request.



TLP 39 MLED

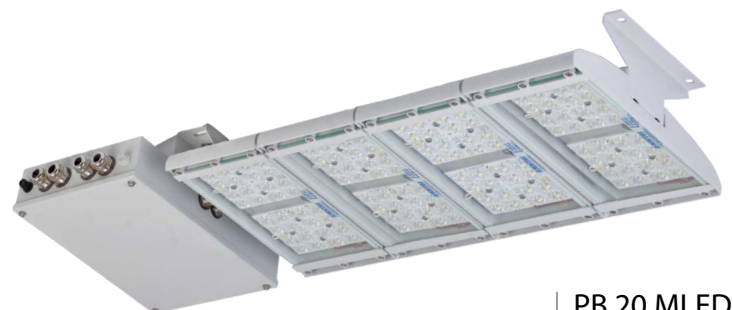
Basic technical data:



## PB 20 MLED

### Essential lighting in tunnels

PB 20 MLED Designed to be installed in tunnels. This luminaire is offered in variety of MLED modules from one up to four, wide or narrow optics and also asymmetrical optics.



PB 20 MLED

Basic technical data:





# ZODE and HLP 9xx LED Illuminated tunnel signage

A critical aspect is a proper signposting of the escape route for an intuitive evacuation from danger.

To meet the expectations and standards concerning tunnels lighting we have created a range of products that fulfil the criteria in these demanding facilities.

Illuminated tunnel signage have been designed specifically to effectively signpost fire exit routes and wayfinding in tunnels, pedestrian underpasses, crossings under flyovers.

All signs are customizable, we talk with customers and tailor products to customer needs.



## ZODE

### Escape doors lighting set

Designed to mark the escape doors in industrial, commercial and public facilities. The set contains of eight segments (six vertical markings, two horizontal and power supply).

Designed to be powered by central UPS system.

Segments are easily connectable with provided link cables.

This luminaire is made entirely of AISI 316Ti – titanium reinforced stainless steel and equipped with a valve to equalize the pressure inside the lighting fixture.



Basic technical data:





# HLP 900

## Escape route signs showing nearest exit

This luminaire is made entirely of AISI 316Ti – titanium reinforced stainless steel (optionally other types of steel) and equipped with a valve to equalize the pressure inside the lighting fixture. Graphics are fully customizable on request.

Basic technical data:



# HLP 990

## LED fire exit sign.

This luminaire is made entirely of AISI 316Ti – titanium reinforced stainless steel (optionally other types of steel). Equipped with a valve to equalize the pressure inside the lighting fixture and mounting bracket. Graphics are fully customizable on request.

Basic technical data:



Remontowa Lighting Technologies SA (formerly known as Polam-Rem) is an industrial lighting fixtures manufacturer based in Gdansk, Poland. The Polam-Rem brand has been on the market since year 1992 however our tradition and experience in production of luminaires stretches back to year 1955.

Our company is a member of Remontowa Holding S.A. which consists of 26 companies operating within maritime industry. We are specialised in designing and manufacturing lighting fixtures for the most demanding working conditions: hazardous areas, extremely low and high ambient temperatures,

chemically aggressive environments, shipyards and also maritime luminaires for vessels, oil rigs, and sail boats. The strength of our company lies in the ability to customize our products in house by our team of highly qualified engineers and technicians to meet our client expectations.



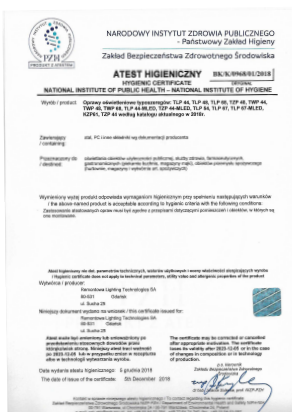
Punch press CNC – Finpower



Powder painting

**Standards, approvals and certificates**

The company has implemented Quality Management System which complies with PN-EN 13980 :2004 and PN-EN ISO 9001:2001 Selected luminaires are certified according to ATEX, RMRS, GOST, BV, CNBOP and Hygienic Certificate requirements.



# Typical applications of the product



**Facilities with severe operating conditions:** power plants, CHPs, steel mills, coal mines, petrochemical facilities, chemical facilities, reloading loose materials facilities, and other heavy industry



**Production plants:** food processing, automotive, machinery, clothing, military, timber, etc.



**Sports facilities and public utility:** hospitals, schools, offices, sports fields, playgrounds, sport halls, road tunnels, passages, shelters, bus stops, streets, etc.



**Vessels:** ships, oil rigs, floating oil refineries, barges, etc.



**Shipyard/harbour infrastructure:** docks lighting, storage yards lighting, workshops lighting, portable lighting systems, etc.

**REMONTOWA** / MEMBER OF  
LIGHTING TECHNOLOGIES / REMONTOWA  
HOLDING S.A.

**Remontowa Lighting Technologies S.A.**

25 Sucha Str. 80-531 Gdansk / Poland



Office: Monday – Friday  
(7.00-15.30)



rlt@rlt.rh.pl



+48 58 520 74 29



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[www.rlt.rh.pl](http://www.rlt.rh.pl)

**PolamRem**