



Polam-Rem offers you a professional computer program RemLux 7.0. It will help you to design the lighting both inside the building as well as on the outer spaces.

Below please find two different lighting projects.

Example no 1

Warehouse, dimensions: 60m x48m
Installation height: h= 10m

Luminaire type used:
TLP 55-2580 186 pieces
Fluorescent lamp: 58W / 5200 lm /
Luminaire wattage: 139 W
The power installed: 25,3 kW

Calculations:
The average illuminance: 102 lx
The min. / average illuminance: 0,50

Planning factor 1,2

Example no 2

Workshop, dimensions: 40m x24m
Installation height: h= 8,5m

Luminaire type used:
ALP 40-MH400/AL 21 pieces
Metal halide lamps: 400W / 42000 lm /
Luminaire wattage: 430 W
The power installed: 9,03W

Calculations:
The average illuminance: 532 lx
The min. / average illuminance: 0,60

Planning factor 1,2



LIGHT FOR OFFICES



LIGHT FOR MARINE



LIGHT FOR INDUSTRY



LIGHT FOR STREET



LIGHT FOR HAZARDOUS AREAS



LIGHT FOR SPORT



light for **INDUSTRY**



light for INDUSTRY

The proper lighting is essential for the safe and efficient work. There are many different kinds of places we work at. All of them need the adequate lighting. Polam-Rem offers you wide range of luminaires to light different work stands with most difficult surroundings conditions. Luminaire TWP 48 f.e. can work up to +70 degrees C. Luminaire TZP 48 - on the other hand - works till -30 degrees C. It is useful in freezer rooms. With luminaires ALP 40 or TLP 55 we can light high workshops. The luminaire TLP 44 can be used where vibrations or strokes occurs.

TLP 44

Fluorescent luminaire for T5 and T8. Max. wattage 2 x 54W. The housing and mounting plate are made of zinc coated steel sheet, covered with polyester powder paint. The diffuser is made of polycarbonate. The closing clamps are made of stainless steel. The luminaire is for ceiling or wall fixing. **Options:** electric equipment for other voltage, execution for high and low temperature, stainless steel housing, emergency unit. **Application:** open spaces, workshops, warehouses, engine rooms, corridors.

TLP 48; TWP 48; TZP 48

Fluorescent luminaire for T8. Max. wattage 3 x 58W. The housing and mounting plate are made of zinc coated steel sheet, covered with polyester powder paint. The diffuser is made of hardening glass or polycarbonate. The luminaire is for direct ceiling fixing with two supports. **Options:** stainless steel housing, TWP execution for high temperature, TZP execution for low temperature, emergency unit. **Application:** TLP 48 - option for difficult surroundings conditions, TWP 48 for high temp. +70°C; TZP 48 for low temp. -30°C.

TLP 55

Fluorescent luminaire for T5 and T8. Max. wattage 3 x 80W. The housing is made of fibreglass hardening polyester, the diffuser is made of UV resistant polycarbonate. The mounting plate is made of zinc coated steel sheet, covered with polyester powder paint. The closing clamps are made of stainless steel. **Options:** emergency unit. **Application:** workshops, warehouses

PB 98

The luminaire for high-pressure sodium or metal halide lamps. Max. wattage 400W. The housing and supports are made of zinc coated steel sheet, covered with polyester powder paint. The diffuser is made of hardening 5 mm glass. It is equipped with symmetric or asymmetric reflector. The luminaire's lamps' position is adjustable. The luminaire is for ceiling fixing with two brackets. It may be equipped with protection grill to be attached either to the housing or to the ceiling. **Options:** protection grill mounted either to the ceiling, or to the luminaire. **Application:** workshops, warehouses.

ALP 40

The luminaire for high-pressure sodium or metal halide lamps. Max. wattage 400W. The housing is made of die-cast aluminium. Wide-stream reflector is made of aluminium. It is closed with hardening glass. It is to be mounted with suspension hook. **Options:** protection grill mounted to the luminaire. **Application:** workshops, warehouses, big trade and other facilities with height over 5m

IP 67 G 5 G 13 CE F 16J

IP 65 G 13 CE F 7J +70°C -30°C

IP 66 G 5 G 13 CE F 7J

IP 65 E 40 CE F 2J

IP 65 E 40 CE F 2J

