

**FOR HAZARDOUS AREAS**  
**ATEX ZONE 2/21, 22**

**IP66**



# CHARACTERISTICS

## APPLICATION:

Recessed LED lighting fixture **designed for lighting of hazardous areas ATEX ZONE 2/21, 22** (pharmaceutical industry, food production, chemical warehouses, electric car battery production, etc.) Housing made of white painted steel sheet (RAL9016), stainless steel AISI304 or AISI316 as option. Diffuser made of clear glass in combination with opal or microprismatic diffuser, opal or microprismatic plastic diffuser. Equipped with high quality electronic components **for high lifetime up to 100 000 h and efficiency up to 158 lm/W**. Characterized by high lower degree of protection(IP66). Suitable for ambient temperatures from -40°C up to 60°C. Classified for **clean areas in compliance with ISO 14644-1**. Large variability of luminaires according to installation types - false ceiling M600/625, metal ceiling M598/M623 or plasterboard or surface mounting with surface frame.

## DRIVER:

EP – electronic - 220–240 V, 50/60 Hz AC  
220-240 V, 0 Hz DC

## CONNECTION:

Screwless terminal block for easy mounting, maximum diameter of wires 2.5 mm<sup>2</sup>

## LIGHT SOURCE:

LED, 4000 K, CRI +80, MacAdam3

## HOUSING:

White painted steel sheet RAL 9016

## DIFFUSER:

**GLM** – matt tempered safety glass

**OP** – opal plexiglass

**MP** – microprismatic plexiglass

**CGOP** - clear tempered safety glass

+ opal plexiglass

**CGMP** - clear tempered safety glass

+ microprismatic plexiglass

## FASTENING:

Large variability of luminaires according to installation types:

- mounting into false ceilings of M600/M625 modules
- installation using nivelation set for metal suspended ceilings M598 / M623
- installation using nivelation set for plasterboard
- installation using frame for surface mounting



## STANDARD EQUIPMENT:

2pcs rubber plug M20 for diameter of cable 7-12 mm and 3 pcs EX M20 sealing plug

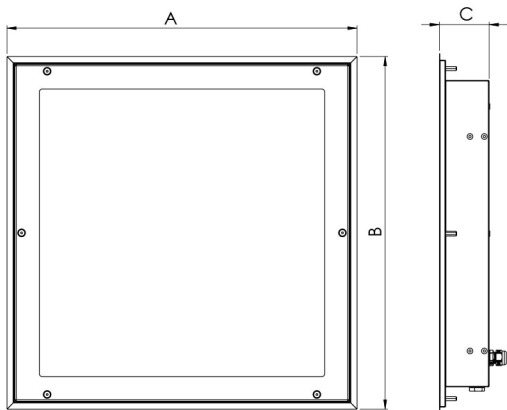
## LIFE TIME OF LED MODULES:

L80B10 ta30 – 70 000 h

L70B10 ta30 – 100 000 h

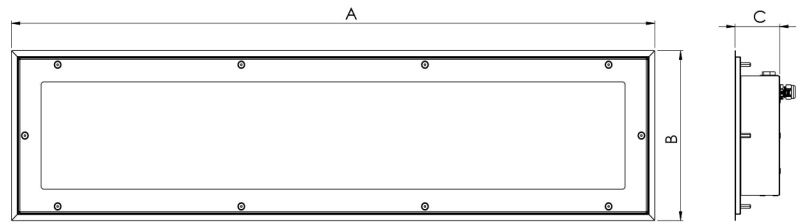
# VARIANTS OF LUMINAIRE

## SQ - SQUARE



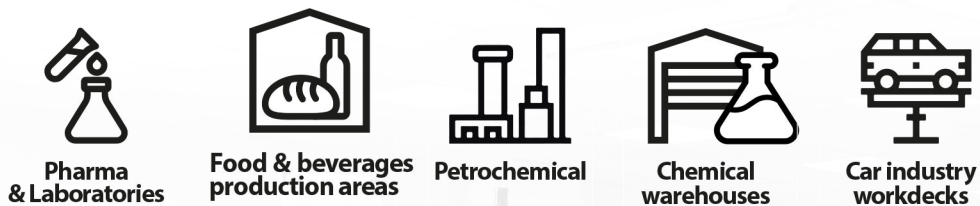
SQ 595 x 595 x 87 mm  
SQ 598 x 598 x 87 mm  
SQ 623 x 623 x 87 mm  
SQ 620 x 620 x 87 mm

## R - RECTANGULAR



R 1195 x 295 x 87 mm  
R 1198 x 298 x 87 mm  
R 1247 x 312 x 87 mm  
R 1245 x 310 x 87 mm

# TYPICAL APPLICATION



Pharma  
& Laboratories

Food & beverages  
production areas

Petrochemical

Chemical  
warehouses

Car industry  
workdecks