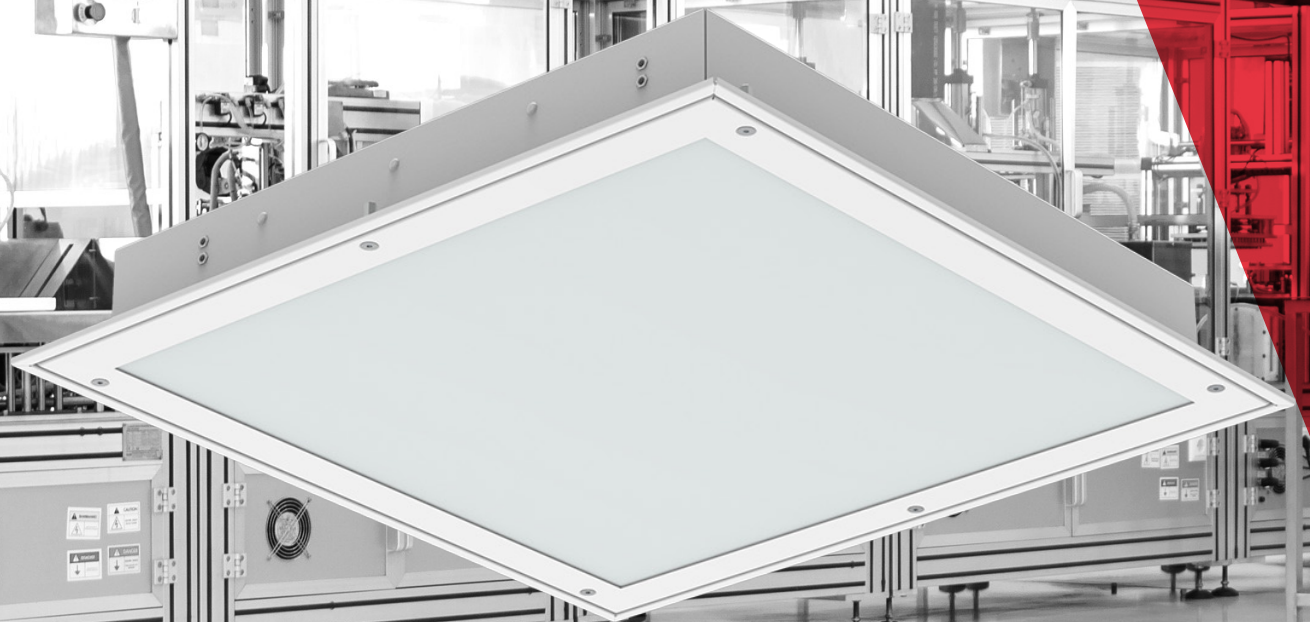


VYRTYCH

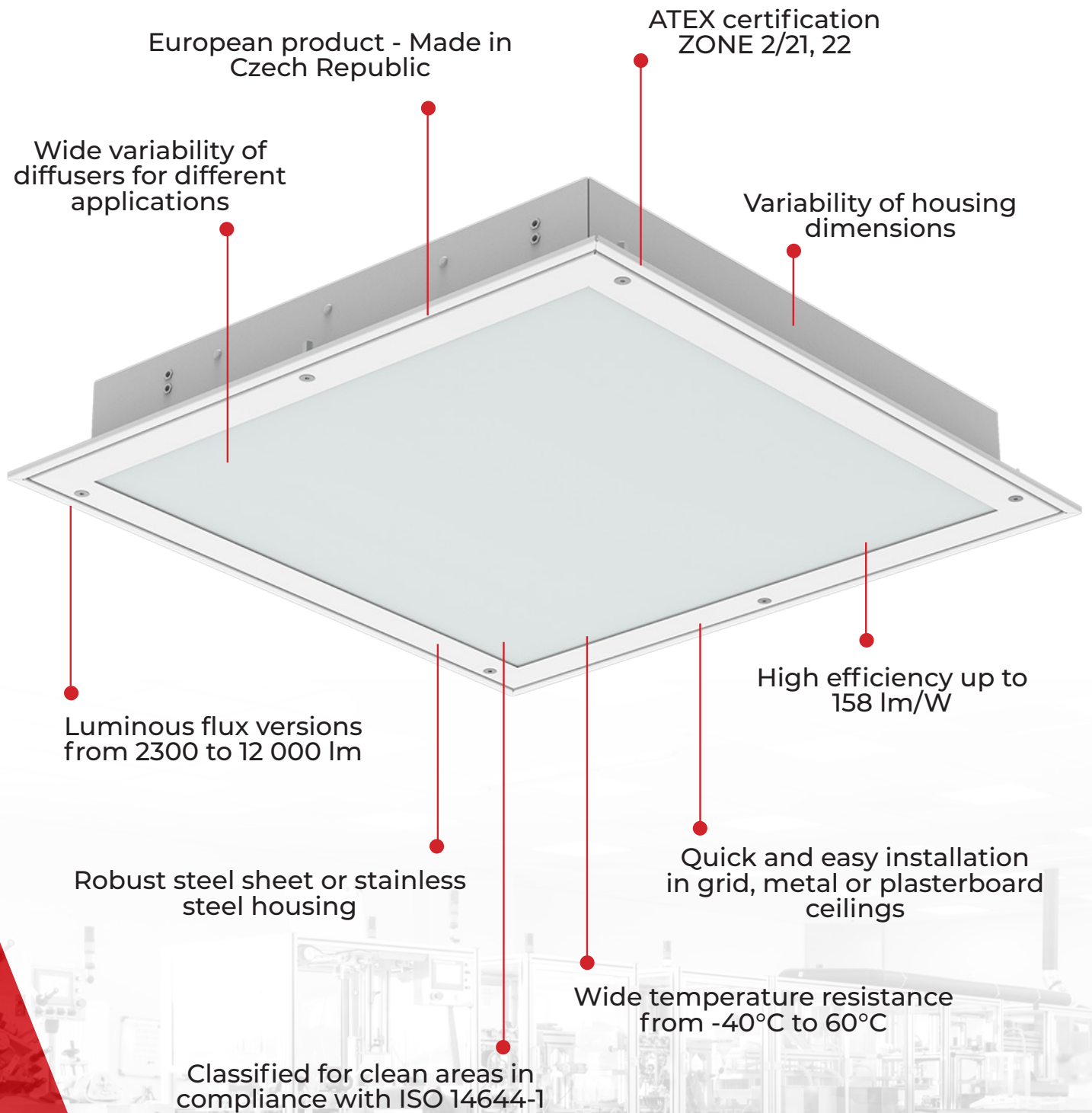


BORDER-N-LED

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



BORDER-N-LED



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

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

CONNECTION:

Screwless terminal block for easy mounting, maximum diameter of wires 2.5 mm²



STANDARD EQUIPMENT:

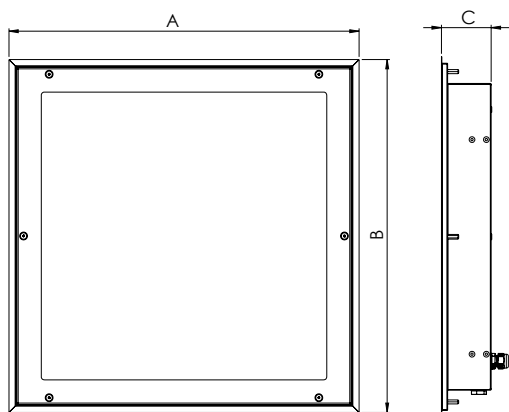
2pcs rubber plug M20 for diameter of cable 7-12 mm and 3 pcs EX M20 sealing plug

LIFE TIME OF LED MODULES:

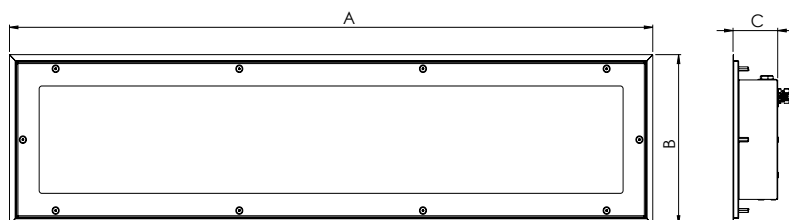
L80B10 ta30 – 70 000 h
L70B10 ta30 – 100 000 h

VARIANTS OF LUMINAIRE

SQ - SQUARE



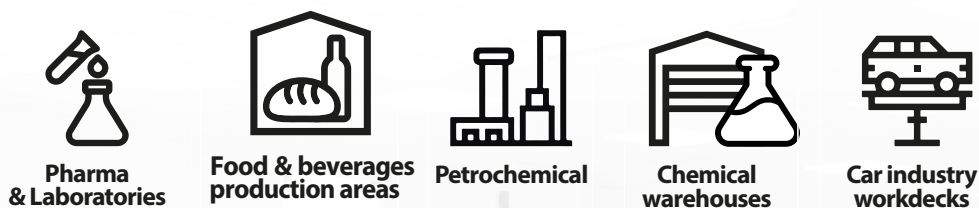
R - RECTANGULAR



M600	SQ 595 x 595 x 87 mm
M598	SQ 598 x 598 x 87 mm
M623	SQ 623 x 623 x 87 mm
M625/PB	SQ 620 x 620 x 87 mm

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



10/2023