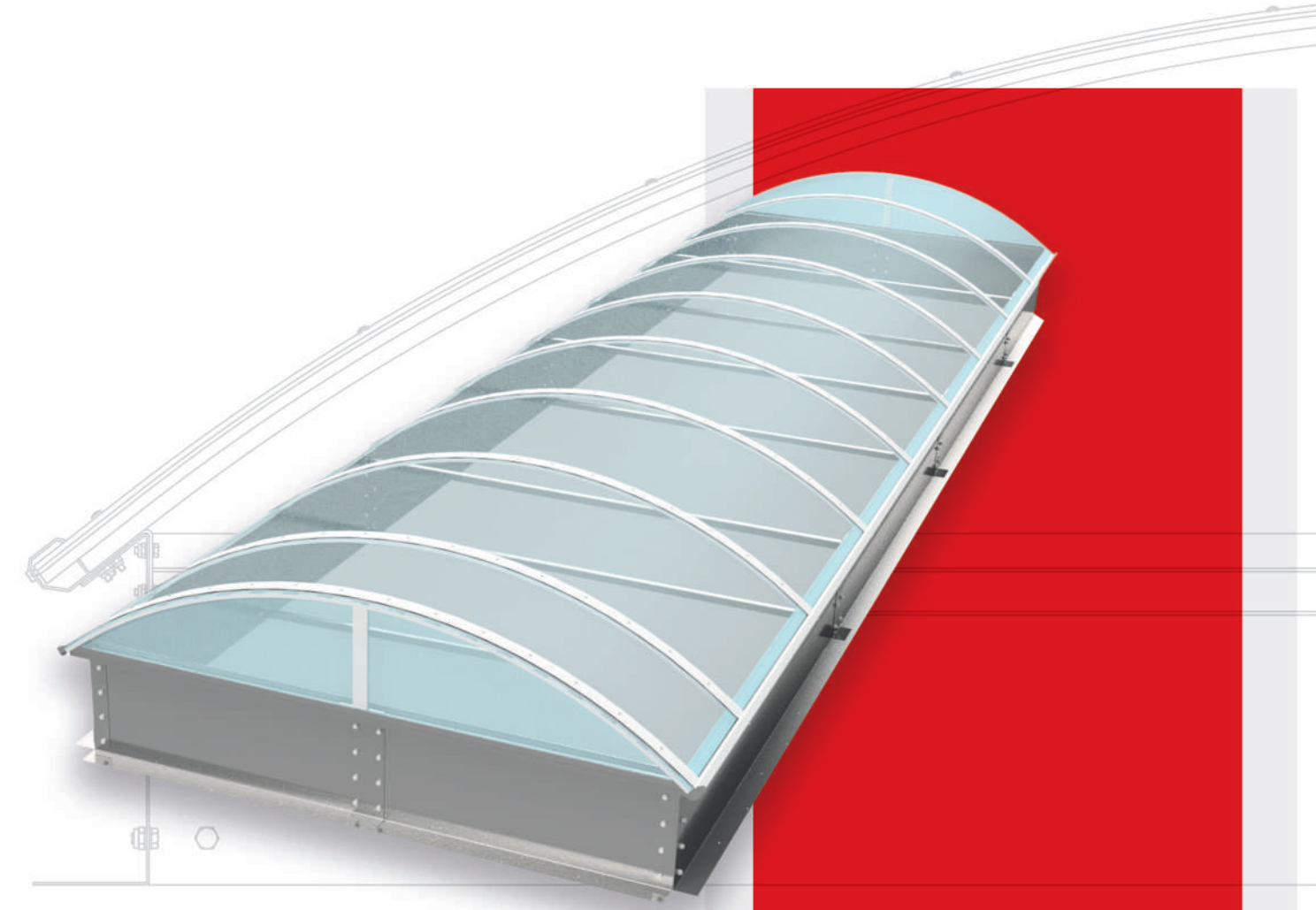
10/2026



rooflighting systems

mcr PROLIGHT

We provide safety

NATURAL SMOKE EXHAUST SYSTEM

In the case of large areas for warehousing, production or shopping malls, i.e. premises temporarily occupied by people, an adequate daylight system in compliance with legal regulations is a significant component.

To meet the above requirements, **Mercor Light&Vent sp. z o.o.** has been offering a comprehensive range of various daylight solutions for many years, including **mrc PROLIGHT** continuous rooflights or spot skylights designated especially to supply daylight to the interiors. Our rooflights can be also used in the natural smoke and heat exhaust systems due to installed smoke exhaust and ventilation vents or a combination of the former two types.

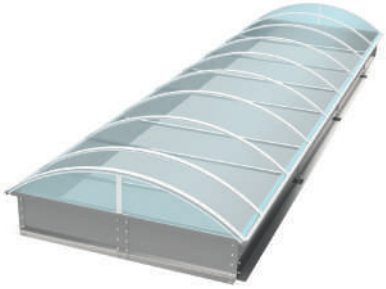
Mercor Light&Vent sp. z o.o. wants to satisfy its customers to the highest extent and therefore continuously works on new solutions to reach the enhanced thermal parameters of the offered products.

mercor®

Mercor Light&Vent's mission is to deliver safety to building users by providing them with comprehensive fire protection. For almost 40 years, we have been offering our business partners, at every stage of the investment process, products and services they can always trust. As a leader of modern technologies in the fire protection industry, we introduce new solutions that are ahead of the norm, and are additionally characterized by high quality and aesthetic workmanship.

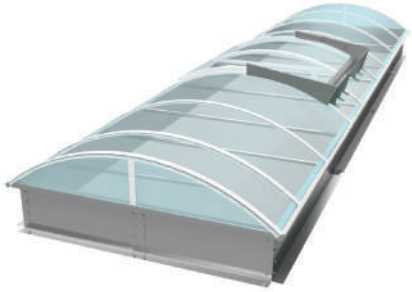
rooflighting systems

mcr PROLIGHT



ARCH SHAPED ROOFLIGHT

ARCH SHAPED ROOFLIGHT
with smoke exhaust vent



ARCH SHAPED ROOFLIGHT
with smoke exhaust vent and deflectors

KEY ADVANTAGES OF mcr PROLIGHT CONTINUOUS ROOFLIGHTS

FUNCTION

The use of light bands is the most effective way to illuminate the building with natural light, which increases the comfort of people staying in the building; it can also significantly reduce energy costs. Rooflights equipped with vents can simultaneously perform the functions of additional lighting and smoke removal or ventilation.

CERTIFICATION

Continuous rooflights CE marked, are certified according to 14963 norm.

Smoke exhaust vents in rooflights are certified according to EN 12101-2, CE marked.

APPLICATION

Wide scope of shapes and sizes enable installation on warehouses, public services buildings, shopping malls, commercial and sport objects.

WARMTH

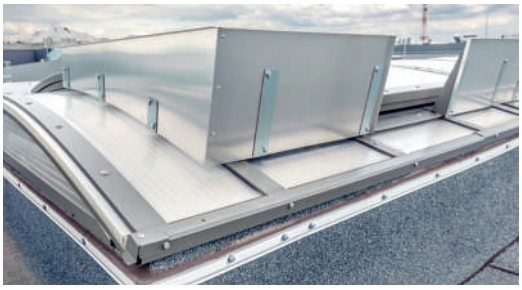
The structure of mrc PROLIGHT rooflight systems allows an exceptionally good value of heat transfer coefficient (U).

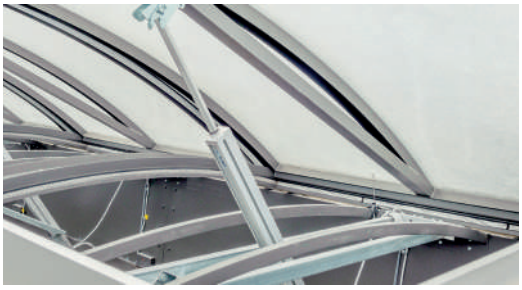
ADDITIONAL ELEMENTS

The range of additional elements completes the offer and allows for the most effective use of the function of mcr PROLIGHT continuous rooflights. The following are available for this product:

- anti-burglar grid
- safety net
- limit switch (for rooflights with smoke vents)

SMOKE EHXAUST AND VENTILATION IN CONTINUOUS ROOFLIGHTS





mcr PROLIGHT arched rooflights are characterised by a structure that enables the installation of smoke exhaust and ventilation vents or combination of both, combining these function along with supplying daylight to the building.

A wide range of mcr PROLIGHT rooflights enables the installation of a whole range of vents of:

— from **100 x 100 cm** to **200 x 250 cm** (single leaf vents),

— and from **100 x 100 cm** to **250 x 250 cm** (double leaf vents).

The vents integrated in rooflight systems, in the case of smoke exhaustion function, can be additionally assembled with wind deflectors, which increases the surface of active smoke exhausting.

By implementing the smoke exhaust function, the vents can be pneumatically or electrically controlled **(24 V-).** In case of ventilation vents, the electric actuator is used for their control **(230 V~).**

NON-STANDARD FORMS OF CONTINUOUS ROOFLIGHTS

We implement unusual constructions of rooflights: **triangular shaped, pyramid and dome skylights.** These devices in the offer of Mercor Light&Vent sp. z o.o. are also characterized by excellent insulation and light transmission parameters.

CONSTRUCTION

made of aluminum profiles

FILLING

» multi-chamber polycarbonate panel of 10 mm ÷ 25 mm tickness

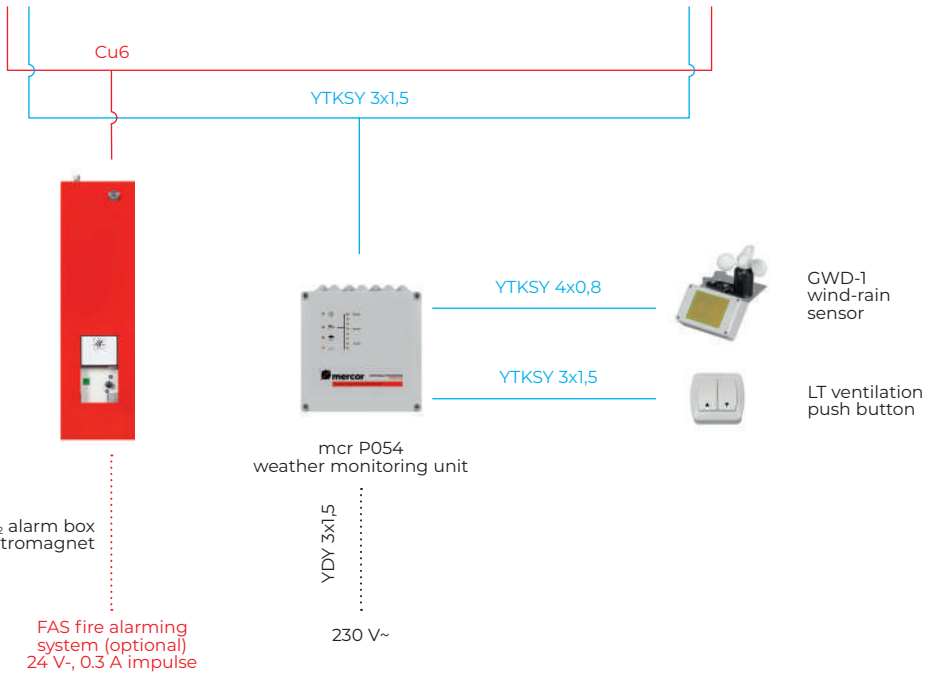
» with $B_{ROOF}(t1)$ classification

Please contact us to consult together on the project.

TYPICAL PNEUMATIC CONTROL SYSTEM CONFIGURATION WITH SMOKE VENTS IN ROOFLIGHTS WITH ADDITIONAL VENTILATION FUNCTION

continuous rooflight with smoke exhaust-ventilation vent

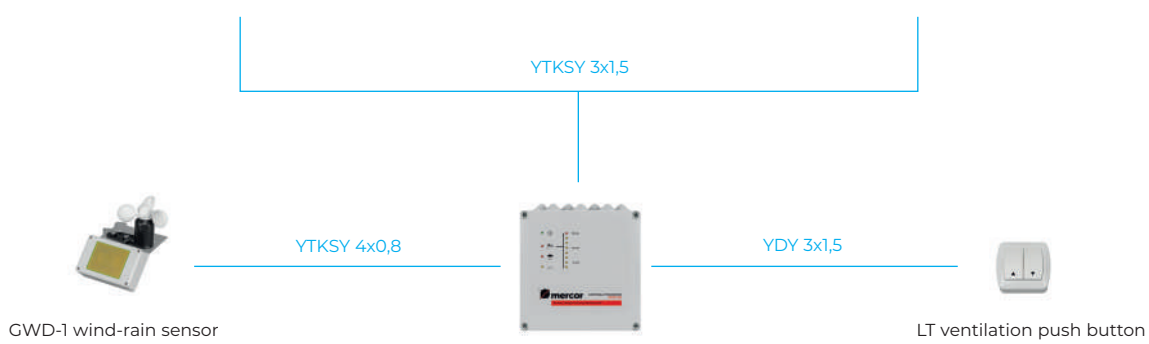
continuous rooflight with smoke exhaust-ventilation vent



TYPICAL ELECTRIC CONTROL SYSTEM CONFIGURATION WITH VENTILATION VENTS IN ROOFLIGHTS

continuous rooflight with ventilation vent

continuous rooflight with ventilation vent



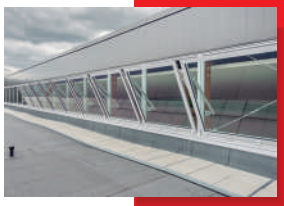
CONTINUOUS ROOFLIGHT WITH SMOKE VENTS

SMOKE AND VENTILATION VENTS

LOUVERED VENTS

SMOKE CURTAINS

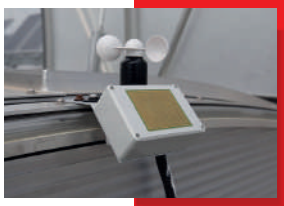
SMOKE EXHAUST WINDOWS



ROOF HATCHES

FIXED SKYLIGHTS

CONTROL SYSTEMS



STAIRCASE SMOKE EXHAUST SYSTEMS

Mercor Light&Vent sp. z o.o.
ul. Grzegorza z Sanoka 2
80-408 Gdańsk, Poland
tel. +48 58 341 42 45
export@mercor.com.pl

MERCOR UKRAINE SP. Z O.O.
Ukraine
www.mercor.com.ua
9B Yaroslava Mudrogo str.
79016 Ukraine, Lviv
+380 322420346
info@mercor.com.ua

MERCOR FIRE PROTECTION SYSTEMS S.C. S.R.L.
Romania
www.mercor.ro
Drum Centura Chitila:
Mogosoaia, no 3, floor 4
Oras Chitila, Ilfov RO-077045
+40 371 324 182
+40 372 877 070
romania@mercor.com.pl

MERCOR LIGHT & VENT S.L.U.
Spain
mercorlv.es
Parque Tecnológico Legatec.
C/ Margarita Salas nº 6
28919 Leganés (Madrid)
+34 911 169 616
info@mercorLV.com

MERCOR SLOVAKIA S.R.O.
Slovakia
www.mercor-slovakia.sk
Galvaniho 7/D
821 04 Bratislava
+421 2 2062 0040
+421 2 2062 0049
mercor@mercor-slovakia.sk

MERCOR CZECH REPUBLIC S.R.O.
Czech Republic
www.mercor-czech.cz
Letní 1122/1
721 00 Ostrava-Svinov
+420 597 317 665
mercor@mercor-czech.cz

MERCOR HUNGARY KFT.
Hungary
mercor.hu
Teréz körút 55-57. Building A, 2nd floor
1062 Budapest
+36 306 193 663
info@mercor.hu

MERCOR FIRE PROTECTION UK LTD
England
mercor-uk.co.uk
Unit P(10), Heywood Distribution Park,
Pilsworth Road, Heywood, OL10 2TT
+44 (0) 0161 3598309
enquiries@mercor-fp.co.uk

European Funds
Smart Growth

European Union
European Regional Development Fund

The product was developed within the framework of an innovative project entitled:
"Comprehensive solutions in the scope of passive fire protection of buildings including the development of display line"
subsidized with European funds.

Read more about our product in the mcr PROLIGHT series

www.**mercor**.com.pl/en