

PRESS INFORMATION

Robust and resistant

The new vandalism-proof luminaire BELFAST

Special circumstances call for special measures. Under this guiding principle, NORKA creates luminaires that guarantee efficiency, light quality and durability even under challenging conditions. The range of special conditions is vast. It includes tough environmental, chemical and mechanical challenges but does not exclude the risk of vandalism and tampering attempts. The new luminaire type BELFAST perfectly protected against blind destructive rage thanks to its extreme impact resistance. In addition, the luminaire can be integrated into a vandalism-proof trunking system that practically eliminates the risk of being torn off or removed thanks to its special cross-section.

Also resists hard impacts

Thanks to special constructive measures and high-quality materials, BELFAST can resist up to 150 Joule of impact energy. This means that the light stays on even after a hard blow with a baseball bat. For one thing, this is thanks to the 4 mm thick, fracture-proof polycarbonate in opal white, clear or clear-textured used for the cover. Another reason is the accurate dimensioning of the interior of the luminaire. There is sufficient space to absorb the shock wave caused by an impact without damaging the LED light source and electronics. The BELFAST still has a comparatively slim profile of only 75 x 75 mm.

High protection rating, tamper-proof installation

The surface-mounted luminaire is also particularly robust thanks to its structural design: The polymer luminaire with protection rating IP65 is integrated in to an IP44 luminaire housing made of polished stainless steel. To reduce the risk of dismantling and theft, the installation on the ceiling or wall is realised with hidden drill holes on the rear. The luminaire cover is secured with two stainless steel hexagon socket screws. Special screws such as three-hole or semi-circle screws are available as an option. Cable entry is also realised on the rear, the transformer is integrated into the luminaire. A signal contact can be integrated on request and triggers an alarm in case of unauthorised opening. An optional coating for protection against graffiti is available on request and facilitates cleaning of the luminaire after graffiti attacks.

Integrated into a trunking system on request

There are several mounting options for the BELFAST. It can either be mounted as a single luminaire on the ceiling or wall, or it can be installed as a continuous row system. For certain projects, an integration of a trunking system could be interesting. In combination with blind covers, the luminaire

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can be precisely positioned on the length of the trunking system according to the lighting requirements. Furthermore, additional technical systems such as loudspeakers or cameras including their supply and data cables can be integrated into the aluminium profile. NORKA also proves great expertise when it comes to protecting technology against vandalism and offers a trunking system with a special cross-section. Instead of the usual U-profile, this system has the cross-section of a quarter round. If positioned in 90° corners, its edges are completely flush with the ceiling or wall. Thus, there are no surfaces that can be attacked to tear the system off or remove it. If the BELFAST is inserted into this trunking system, it is tilted by 45° against the ceiling and wall.

Efficient lighting technology, 8-year warranty

The BELFAST has a medium-beam light distribution. Three variants are available: one with a length of 600 mm, 21 W and 2,660 lm, one with a length of 1,200 mm and a system output of 38 W and 5,330 lm, and one variant with a length of 1,500 mm that generates 6,600 lm at 47 W. The high light efficiency of up to 148 lm/W are possible thanks to efficient LED technology that NORKA provides with ideal operating conditions in the luminaire. A service life of more than 100,000 hours ($L_{80}B_{10}$) is thus possible, and NORKA can offer an 8-year warranty for the BELFAST besides the functional integrity in case of vandalism. In all areas where there is the risk of deliberate or negligent destruction of the luminaires – from stops and train stations through underpasses and event locations to correctional facilities and prison cells – BELFAST ensures investment security and avoids expensive repairs and replacement as a consequence of violent attacks.

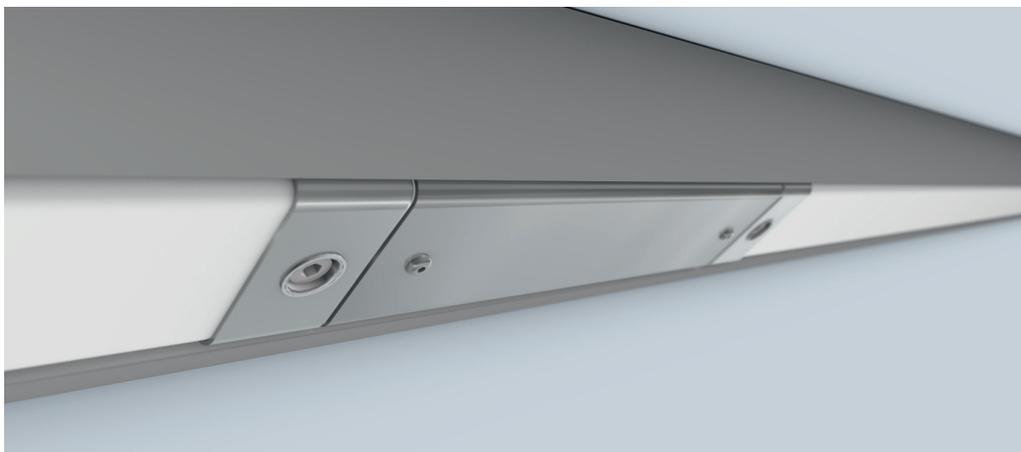
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