



FEROZ

Designed for the toughest transport & industrial applications



FEROZ

Designed for the toughest transport and industrial applications, Feroz effortlessly withstands heat, dust, moisture, impact and more.

Feroz resists heavy impacts in the warmest and coldest places with the highest presence of moisture. Designed to meet the requirements of demanding infrastructure applications such as railway stations, depots and shelters for playgrounds, parks and public transport, Feroz also suits a range of other industrial settings. Employing the latest in LED technology and digital control, Feroz is ideal for new applications, or as a retrofit product to replace older lighting technologies. Available in standard lengths of 0.6, 1.2 and 1.5 metres, it's an easy product to retrofit in order to reduce maintenance and energy costs – and to introduce digital control – to existing installations. Feroz has a rated lifetime of 100 000 hours to L70 and its vibration resistant. This product can handle all areas, all seasons and all applications.

APPLICATION AREAS



RAILWAY STATIONS



AIRPORT



BUS TERMINALS



UNDERWALKS





Anytime, anywhere

Feroz was designed with railways in mind, but its market-leading durability makes it ideal for a wide range of other applications where luminaires require protection from dust, temperature, moisture, vibration or impact. These include cold chambers, pulp and paper facilities, car washes, utility plants, welding facilities metal and steel plants, industrial laundries, agricultural settings and sports venues.



Easy to install

Feroz allows for a wide range of mounting options, including ceiling, surface or suspended mounting (via wire or chain), horizontal or vertical wall mounting, and pole, horizontal wire or corner fixing. Wieland connections make for easy installation with no need to open the luminaire.





Robust

Rated IP66 for protection against moisture and dust, Feroz is suitable for outdoor use, and for areas with high humidity. It is also extremely robust, with an IK10 rating for impact resistance, and can withstand temperatures ranging from -40°C to +50°C, making it ideal for all climates and for locations where temperature fluctuates. It is also protected against vibration and electrical surges.



SPECIFICATIONS

Application Uncontrolled corridors on metro and train stations;

> Inspection pits; shelters for public transport; bycicle storage of public buildings; cold chambers

Wide Beam (WB) opal and clear

2000, 5000, 10000 lm **Luminous Flux**

Colour Temperature 4000 K Colour Rendering 80

Efficacy Up to 135 lm/W

IP66 **Protection Impact Resistance** IK10

L80 @ 70000 h (L70 @ 100000 h) Lifetime **LED Drivers** Fixed output; DALI dimmable



Different mounting options

Light Distribution

ceiling surface or suspended via wire or chain, vertical or horizontal wall mounting, corner mounting and suitable in unprotected outdoor areas

4 kV surge voltage protection

Material

PC diffusor, reinforced PA end caps and cable gland aluminium body

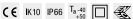
Standards

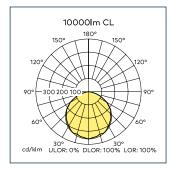


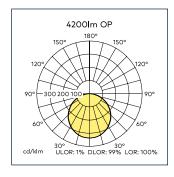


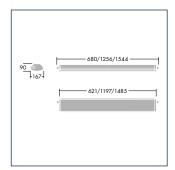












HORN

THORNLIGHTING.COM/FERO





As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries. THORNLIGHTING.COM/WARRANTY

Thorn Lighting is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general $% \left(1\right) =\left(1\right) \left(1$ particulars and shall not form part of any contract. The right is reserved to change the company are supplied subject to the company's General Conditions of Sale, a copy of which is available on request. All measurements are in millimetres and weights in kilograms unless otherwise stated.

Publication No. 96644338 (INT) Publication Date: 04/18

