



Smart solutions for mobility and road safety since 1919.



Special airport lightbars and equipment

Intelligent and innovative solutions for more safety and
visibility on the runway.

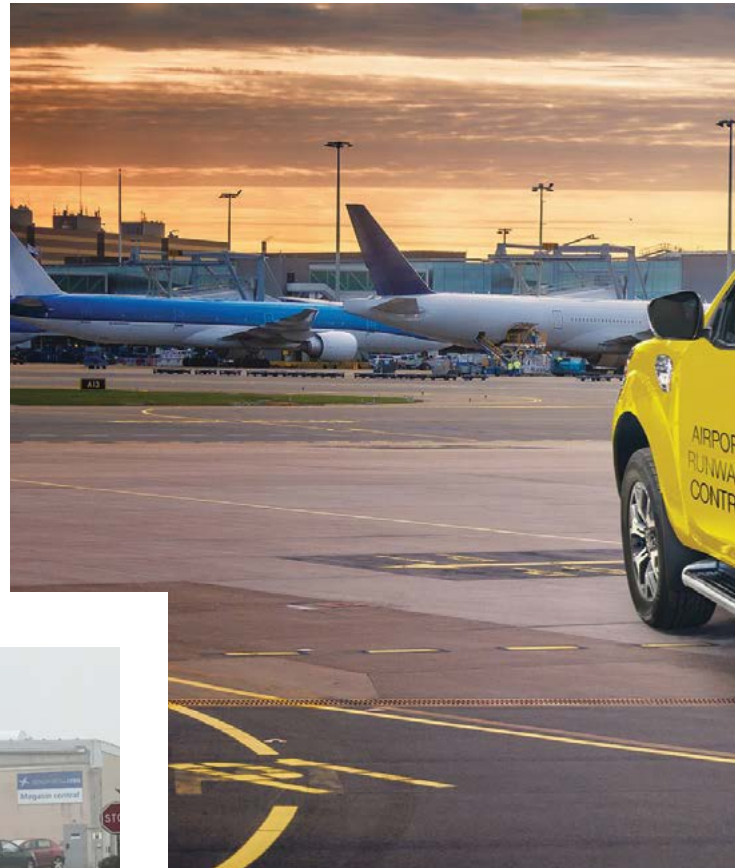
Approved by ICAO



TS5000

Special Airport Lightbar with Message Panel

Multifunctional, with fold-out Message Panel and in any case striking. **Our best solution for guidance vehicles and aircrafts on the runway.**

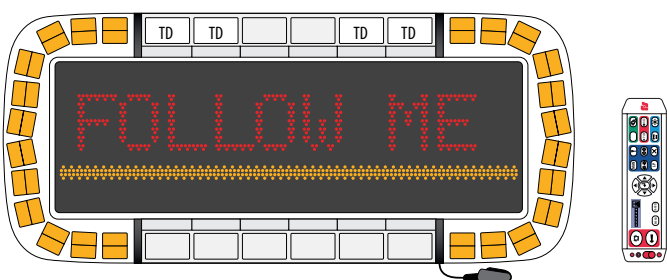


TS5000 KEY FACTS

Compact lightbar with integrated message panel and flashing arrow, multiple messages like FOLLOW ME or BIRD CONTROL. When the vehicle is equipped with a siren and loudspeaker, prerecorded voice messages can be broadcast. You can also record voice messages directly from the unit's control box.

The intense and noisy traffic on the runway requires the most reliable light and sound equipment. When guiding aircraft, inspecting runways, transporting baggage, handling emergency situations and ensuring animal control, safety is crucial.

The 360° visibility of vehicles includes a lightbar, powerful warning lights, work projectors and area lighting for a complete solution.v



Art. No. 2058208, 1140 mm

2 x 12 amber modules - 4 Take Down modules - Message Panel LED (display alignment to the rear) and roof Connector - Controller BCT3000 included - ICAO Typ D - 12V

↔	↗	↕	V
1140	500	84	12





Our special airport product range ICAO

The International Civil Aviation Organization (**ICAO**) and the European Aviation Safety Agency (**EASA**) set the relevant international regulations and requirements for lightbar and emergency lighting at airports.

Our products meet the specific requirements (photometry and colorimetry) of the ICAO certification.

In addition, the ICAO lightbar range allows to integrate all acoustic and secondary lights options available in the standard lightbars.



Appendix 14 chapter 6 for Aerodrome Design and Operations by the International Civil Aviation Organisation (ICAO).



Annex Decision ED 2017/021/R for Certification Specifications and Guidance Material for Aerodrome Designs (CS ADR.DSN) by the European Aviation Safety Agency.

INCREASE SAFETY AND VISIBILITY WITH THESE ADDITIONAL PRODUCTS FOR YOUR VEHICLE.



Nanoled Viper, Single

Amber, Art. No. 2010774

6 LEDs in amber / blue light with clear lens and cigar lighter connector

↔	↗	↕	⚡
110	80	40	10/30



DLC4000 Controller

Art. No. P0050F0012

Configurable controller - red LEDs - Backlit buttons 4 (+) outputs (Max 10 Amp.) - 2 (-) outputs (Max -1.7 Amp.) - 2 (+) Input (APC and Status) - 1 (-) Input (Handbrake) - Maximum consumption of 20 Amp

↔	↗	↕	⚡
95	70	35	9/30



Nanoled Grill Lights

Art. No. 2010718, Amber Light

6 high intensity LEDs - amber - transparent lens - integrated electronics - 7 flash patterns - R65 class 1 - incl. black mounting kit for assembly

↔	↗	↕	⚡
108	9	28	12/24



PHOENIX „FOLLOW ME“ Special Airport Lightbar

Art. No. 20563587FM/a, 1400 mm

Two modules of 15 amber LED lights and left and right blinkers. STOP function takes priority over FOLLOW ME. Can be managed in (+) and (-). Permanent mounting and wiring. Further more length options: 400-1800 mm

↔	↗	↕	ⓧ
1400	270	110	12



AURUM Special Airport Lightbars

Art. No. 2061333, 1130 mm, amber, ICAO Type C

Low-profile lightbar, 2 x 2 modules á 8 LEDs + 2 x 6 modules á 3 LEDs in amber light, for vehicles and moving obstacles, analog communication, incl. mounting and wiring

↔	↗	↕	ⓧ
1130	284	64	12/24



Similar product pictures!

Art. No. 2061357, 1346 mm, blue, ICAO Type C

Low-profile lightbar, 2 x 2 modules á 8 LEDs + 2 x 8 modules á 3 LEDs in blue light, for emergency vehicles, analog communication, incl. mounting and wiring

↔	↗	↕	ⓧ
1346	284	64	12/24



Special Airport Warning Lights

LP400

Blue, Art. No. 2003016
Amber, Art. No. 2003019

15 LEDs in amber light - 8 flashing variants,
flashing & rotating mode - permanent mounting

Ø	↑↓	V
147	60	10/30



Runway Beacon

Blue, Art. No. 2003093
Amber, Art. No. 2009091

Permanent mounting

Ø	↑↓	V
140	150,5	12/24



Viper Nanoled

Blue, Art. No. 2010773
Amber, Art. No. 2010774

6 LEDs in amber / blue light with
clear lens and cigar lighter connector

↔	↗	↑↓	V
110	80	40	10/30



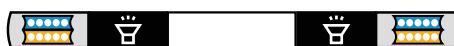
PHOENIX „BIRD CONTROL“ Special Airport Lightbar

Art. No. 20563580EFF/a, 1200 mm

Developed in partnership with STERELA, which
broadcasts high power acoustic signals for
bird scaring. Including: 2 dual-level modules
with 15 dual-colour LEDs, 2 integrated EFF7HP
loudspeakers, 1 central illuminated sign,
permanent mounting and roof connector;
Needs a Sterela generator in addition



↔	↗	↑↓	V
1400	270	110	12



100% compatible with
STERELA bird hazard
systems and animal risk
monitoring, according
to the European
regulations.

Fleet management

GEOTAB

As the #1 commercial fleet telematics provider worldwide, Geotab serves businesses and public sector organisations of all sizes across the globe.

Geotab connects vehicles to the internet and provide web-based analytics to help organisations manage their fleets.



GEOTAB®

Safety and Prevention

ALCOLOCK V3

Breath test ignition interlock



 **ALCOLOCK™**

Easy to use. The driver breathes for a few seconds in a disposable mouthpiece. The results of the breath sample are displayed on the screen along with instructions. Anti-fraud sensors can distinguish between human breath and mechanically generated breath.

SECUREDRIVE

Driving style control system for passenger comfort and safety



 **TELEMATICS**
MOBILE INFORMATION EXCHANGE

Driving style control system for passenger comfort and safety. Installed on the dashboard, the RIBAS box activates sound and light signals that warn the driver whenever they cross a defined threshold, such as sudden acceleration or braking, too fast or sharp turns, extended idling, etc. The system cuts fuel consumption significantly.

Working Lights

ABL500LED 1200 Working Light

Art. No. A0787A595600 Wide Range

Heavy Duty worklight with 5 LEDs, 1200 lumen, lens made of tempered glass

↔	↑↓	V
102	98	12/100



Trident Searchlight

Art. No. 2010600KIT/b

Rotation 360° around, 105° upupward, 35° downward

Cable remote control (8216151) - Permanent mount (2010546)

↔	↑↓	V
305	180	12



Acoustic Signaling

Evacuator

Art. No. 210331

Reversing alarm - Output: 97 dBA - 2.75 kHz - 0.02Amp@12V - Double function - Lifetime of over 100,000 operating hours

↔	↗↘	↑↓	V
73	73	62	12/48



Voice Gun AS12A

Art. No. 2020118

Range: approx. 400 m - Output: 16W - Operates with (8) AA batteries - Batteries not included

↔	↗↘	↑↓
257	267	185



Light Markers

RoadFlare Landing Zone Kit (green)

Art. No. ICSLZIRG5RE

LED module system - 5 modules - green and infrared - magnetic base - automated synchronization - charger and holder in one - battery included in the module - each kit contains an additional weight that prevents the modules from moving or flying away due to the air turbulence of the rotor.



Grill Lights

Nanoled

Art. No. 2010718, Amber Light

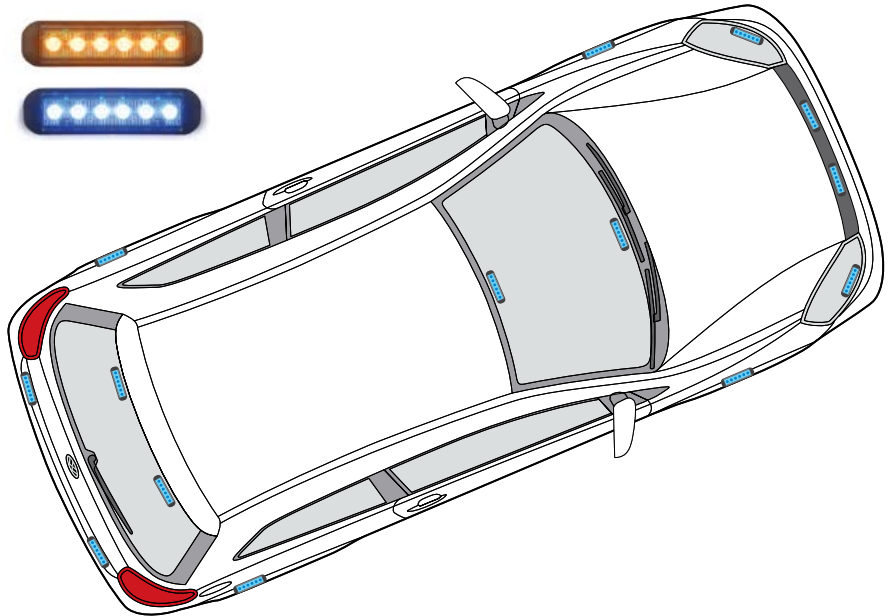
Art. No. 2010705, Blue Light

6 high intensity LEDs - amber - transparent lens
- integrated electronics - 7 flash patterns - R65
class 1 - incl. black mounting kit for assembly

↔	↗	↕	V
108	9	28	12/24

R65

CL1



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Protecting people and our planet

