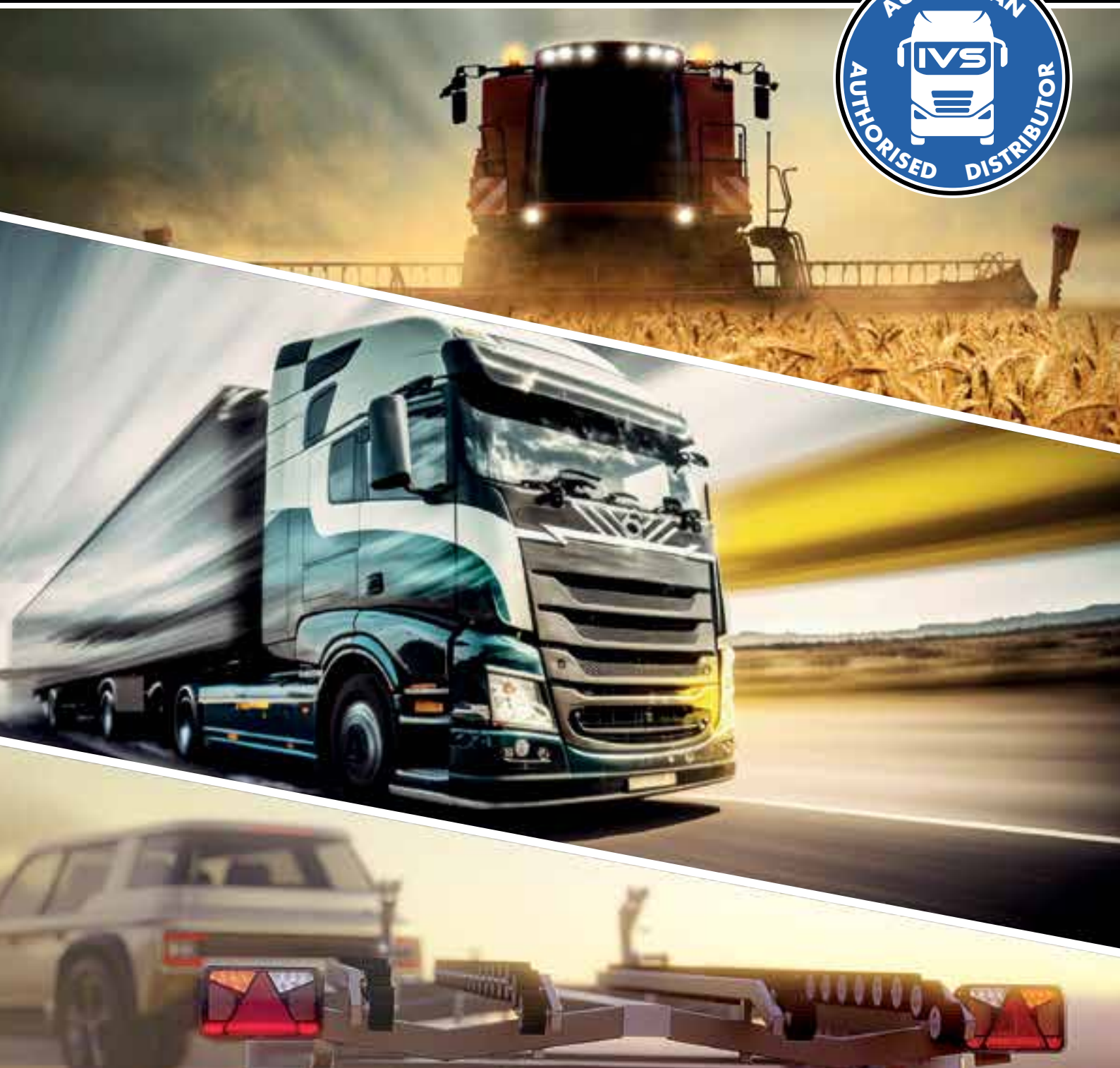


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SINCE 2007

FT-372 LED

7-functional universal LED lamp
- ElectroMagnetic Compatibility (EMC) homologation
- shock-resistance – PC lampshade
- reverse polarity protection system

Technical specification:

- supply voltage: 12–36V DC
- operating temperature: –40°C to +55°C
- lamp is resistant to any weather conditions
- lamp is fully airtight

Technical specification:

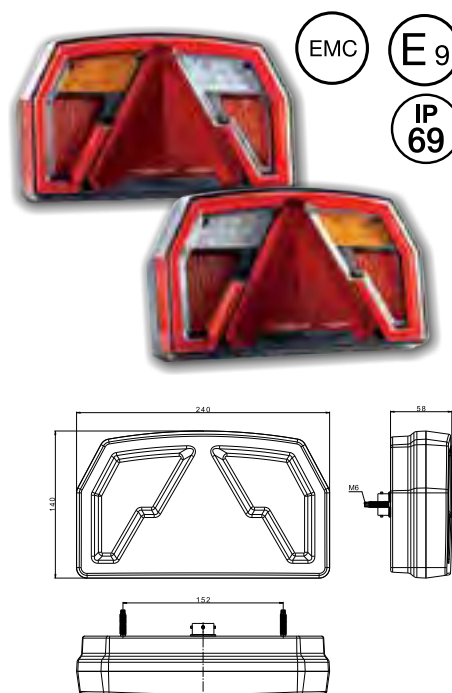
- rear running light
- number plate light
- STOP light
- indicator
- fog light
- reflector
- reversing light



Ref./EAN	Photo	Description
FT-372 L NT LED*		Universal LED rear lamp 12-36V, 6-functional, left without number plate light, 1 m cable.
FT-372 P NT LED*		Universal LED rear lamp 12-36V, 6-functional, right without number plate light, 1 m cable.
FT-372 L TD LED*		Universal LED rear lamp 12-36V, 7-functional, left z with bottom number plate light, 1 m cable.
FT-372 P TD LED*		Universal LED rear lamp 12-36V, 7-functional, right z with bottom number plate light, 1 m cable.

* Lamp is also available with a Bayonet 6PIN connector

Universal LED rear lamps



FT-313 LED

3-functional universal LED rear lamp
European E9 homologation
ElectroMagnetic Compatibility – EMC certificate
Shock-resistance – PC lampshade
Reverse polarity protection system
Rear lamps with replaceable frames in black or chrome

Technical specification:

- supply voltage: 12–36V DC
- operating temperature: –40°C to +55°C
- lamp is resistant to any weather conditions
- lamp is fully airtight IP69
- cable out 1 m

Lamp functions:

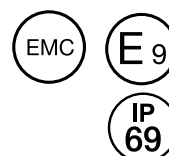
- rear position light
- STOP light
- indicator

Power consumption:

- rear position light : 12V/24V = 0.25A/0.125A
- STOP light: 12V/24V = 0.1A/0.1A
- indicator: 12V/24V = 0.2A/0.1A

Power consumption / Rated power:

- rear position light : 12V/24V = 3W/3W
- STOP light: 12V/24V = 1.2W/2.4W
- indicator: 12V/24V = 2.4W/2.4W

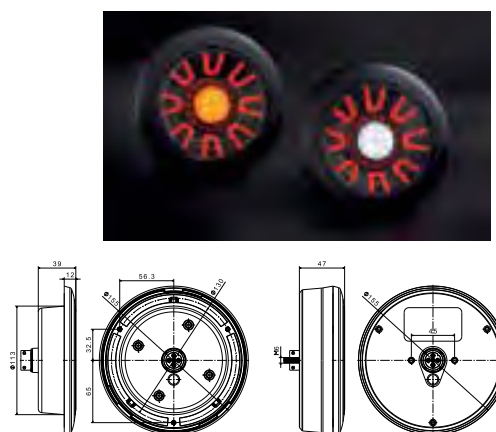


The products are available in two frame colors:

- **BLACK** - made of high Quality plastic
- **CHROME** - covered with a high Quality *microporous nickel*, coating ensuring corrosion resistance, and a premium chrome coating dedicated to the Automotive industry

Ref./EAN	Photo	Description
FT-313 LED CHROME*		Universal LED 3-functional rear lamp, rear position, stop, indicator lights, 12/36V, round recessed lamp, cable 1m.
FT-313 LED BLACK*		Universal LED 3-functional rear lamp, rear position, stop, indicator lights, 12/36V, round recessed lamp, cable 1m.

* Lamp is also available with a Bayonet SPIN.



FT-330 LED

3-functional universal LED lamp
ElectroMagnetic Compatibility (EMC) homologate on shock-resistance – PC lampshade
reverse polarity protection system

Lamp functions:

- rear running light
- STOP light
- indicator

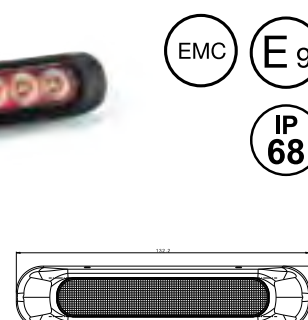
Technical specification:

- supply voltage: 12–36V DC
- operating temperature: –40°C to +55°C
- lamp is resistant to any weather conditions
- lamp is fully airtight



Ref./EAN	Photo	Description
FT-330 LED		Universal LED rear lamp 12V/24V, 3-functional STOP/POSITIONAL/INDICATOR, 1 m cable.

Universal LED rear lamps



Universal LED rear lamps, 12V

FT-270 LED

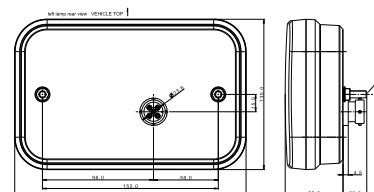
Universal LED lamp – low power consumption
European homologation E9
ElectroMagnetic Compatibility (EMC) homologate on shock-resistance – PC lampshade
reverse polarity protection system

Technical specification:

- supply voltage: 12–15V DC
- operating temperature: –40°C to +55°C
- lamp is resistant to any weather conditions
- lamp is fully airtight

Lamp functions:

- rear running light
- number plate light
- STOP light
- indicator
- fog light (depending on the version)
- reversing light (depending on the version)
- reflector (triangle)



Ref./EAN	Photo	Description
FT-270 L NT LED PM*		Universal rear lamp LED 12V, left with reflector triangle, 5-functional STOP/POSITION/INDICATOR /FOG, without number plate light, 1 m wire loom.
FT-270 L TB LED PM*		Universal rear lamp LED 12V, left with reflector triangle, 6-functional STOP/POSITION/INDICATOR /FOG, with number plate light, 1 m wire loom.
FT-270 P NT LED COF*		Universal rear lamp LED 12V, right with reflector triangle, 5-functional STOP/POSITION/INDICATOR /REVERSING, without number plate light, 1 m wire loom.
FT-270 P TB LED COF*		Universal rear lamp LED 12V, right with reflector triangle, 6-functional STOP/POSITION/INDICATOR /REVERSING, with number plate light, 1 m wire loom.

* Lamp is also available with a Bayonet SPIN connector and a CANBUS light control system.

Universal LED rear lamps

FT-230 LED DI

6-functional LED rear lamp
ElectroMagnetic Compatibility (EMC) homologation R10
shock-resistance – PC lampshade
reverse polarity protection system

Technical specification:

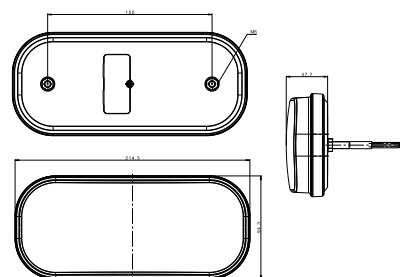
- supply voltage: 12–36V DC
- operating temperature: –40°C to +55°C
- lamp is resistant to any weather conditions
- lamp is fully airtight

Lamp functions:

- rear running light
- number plate light homologated on an universal performance 34.4 mm <<X>> 102.2 mm;
- version NT – has no function of number plate light
- STOP light
- indicator
- reversing light (version COF), or fog light (version PM)
- reflector



dynamic indicator



Ref./EAN	Photo	Description
FT-230 COF LED DI*		Universal LED rear lamp 12-36V, 6-functional, STOP/POSITION/INDICATOR/REVERSING/NUMBER PLATE LIGHT/REFLECTOR, dynamic indicator, 1 m wire loom.
FT-230 PM LED DI*		Universal LED rear lamp 12-36V, 6-functional STOP/POSITION/INDICATOR/FOG /NUMBER PLATE LIGHT/REFLECTOR, dynamic indicator, 1 m wire loom.
FT-230 NT COF LED DI*		Universal LED rear lamp 12-36V, 5-functional STOP/POSITION/INDICATOR/REVERSING/REFLECTOR without number plate light., dynamic indicator, 1 m wire loom.
FT-230 NT PM LED DI*		Universal LED rear lamp 12-36V, 5-functional STOP/POSITION/INDICATOR/FOG /REFLECTOR without number plate light., dynamic indicator, 1 m wire loom.

* Lamp is also available with a Bayonet SPIN connector

LED warning beacon

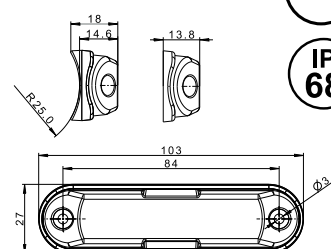
FT-205 LED

High operational reliability, modern design and compact structure make the product popular in the modern, special use vehicles.

Technical specification:

- Application of 6 Pc Amber LED diodes
- Universal supply voltage 12–24V
- Peak power consumption: 0.65A/0.35A
- Peak/average rated power: 8.5W

- Special warning lamp approval compliant with ECE Regulation 65 (TA1)
- Flash frequency: $f = 2,0$ Hz (single flash)
- Full waterproofness (IP68)
- Shock-resistance – IK
- ElectroMagnetic Compatibility – EMC certificate
- Operating temperature –40°C to +55°C
- Reverse polarity protection
- Ground (-) white wire; Plus (+) black wire



Ref./EAN	Photo	Description
FT-205 LED		Yellow LED warning beacon, 4 programs – possibility of synchronizing, cable's length 0,15m.
FT-205 LED ECO		Yellow LED warning beacon, 1 program – double flash, cable's length 0,15m.

LED warning beacon

FT-200 LED

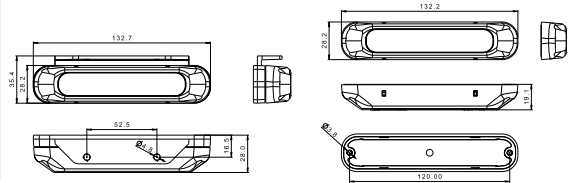
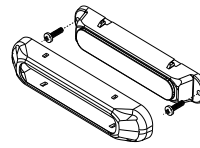
Technical specifications:

- 6 LEDs
- Operating voltage range **12–36V DC**
- Power consumption: **12V/24V**
Peak power consumption:
0.6A/0.3A (FT-200 LED, FT-200 N LED);
0.8A/0.42A (FT-200 C LED, FT-200 C LED DARK)
- **Rated power: Peak:**
8 W (FT-200 LED, FT-200 N LED);
10 W (FT-200 C LED, FT-200 C LED DARK)
- Homologation of warning lamps **ECE no. 65 (XB1)**
- Flash frequency: **f = 2Hz** (single, double, triple flash)
- Fully waterproof lamp – **IP68**
- Shock-resistant lamp – **IK**

- Optimal lamp operating temperature: **–40°C to +55°C**
- The lamp has a reverse polarity protection system
- Ground** – white wire; **PLUS** – black wire;
- Synchronisation/programme change** – yellow wire
- Different holder assembly possibility
- 6 programmes
- Modern design
- Yellow light
- Different lamps synchronization possibility

Widespread application:

- Bulky loads transportation
- Roadside assistance services
- Security services



LED warning beacon

FT-151 LED

The series of universal **LED** warning lamps **FT-151 LED** is equipped with 9 highly efficient CREE LED's. The housing and other lamp parts are made of top quality materials (**PC** – polycarbonates) and electronic components highly resistant to both high and low temperatures, mechanical damages and vibrations.

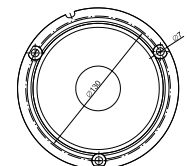
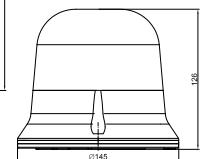
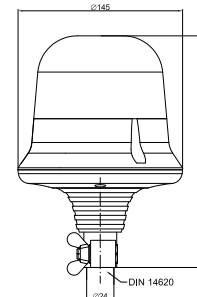
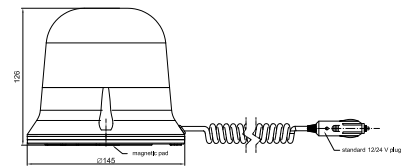
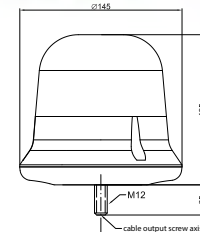
Warning beacons **FT-151 LED** may be purchased with a single, double or rotary flash, with a convenient mounting method:

- **on a pin**
- **with 3 mounting screws**
- **on a magnetic base**
- **with a central screw**

MAG version is equipped with a universal cigarette lighter plug **12/36V** with a replaceable fuse and a removable red tip that allows the use of **EURO** and **DIN** sockets.

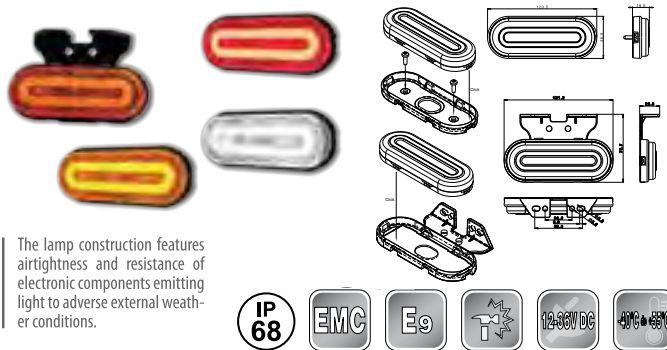


Ref./EAN	Photo	Description
FT-151 3S DF LED		Yellow LED warning beacon, double flash, mounted on 3 screws, cable's length 1.5 m.
FT-151 DF LED MAG M30		Yellow LED warning beacon, double flash, portable version mounted on a magnet. The lamp is equipped with a spiral cable (unfolded – 3 m, in spiral – 0.6 m) and a standard 12/36V lighter plug.
FT-151 DF LED PI		Yellow LED warning beacon, double flash. The lamp appears in a stationary LED 12-36V version with a pipe-socket and electrical connector type PLUG-IN (DIN 14620).
FT-151 SC DF LED		Yellow LED warning beacon, double flash. The lamp appears in a stationary LED 12-36V version with a single bolt and a loom.
FT-151 3S RO LED		Yellow LED warning beacon, rotation flash, mounted on 3 screws. Cable's length 1.5 m.
FT-151 RO LED MAG M30		Yellow LED warning beacon mounted on a magnet, rotation flash. Additionally, the lamp is equipped with a spiral cable (unfolded – 3 m, in spiral – 0.6 m) and a standard 12/36V lighter plug.
FT-151 RO LED PI		Yellow LED warning beacon, rotation flash. The lamp appears in a stationary LED 12-36V version with a pipe-socket and electrical connector type PLUG-IN (DIN 14620).
FT-151 SC RO LED		Yellow LED warning beacon, rotation flash. The lamp appears in a stationary LED 12-36V version with a single bolt and a loom.



LED clearance 1-functional

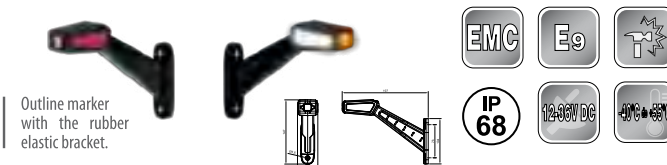
FT-072 LED



ID/EAN	Photo	Description
FT-072 B LED		Clearance Lamp LED 12-36V, white with reflector and a loom 0.5 m.
FT-072 C LED		Clearance Lamp LED 12-36V, red with reflector and a loom 0.5 m.
FT-072 Z LED		Clearance Lamp LED 12-36V, yellow with reflector and a loom 0.5 m.

LED clearance 3-functional

FT-146 LED



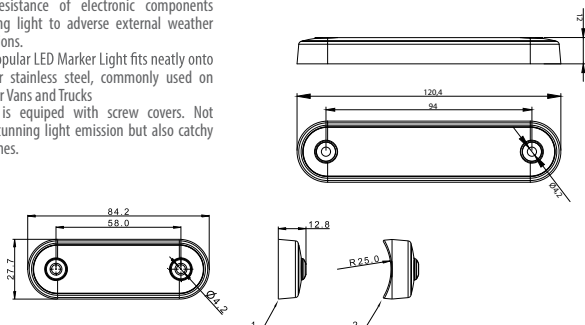
ID/EAN	Photo	Description
FT-146 L LED		3-functional LED side marker, left, long, slanted rubber arm, 2x0.75 mm2 cable 0.3 m long.
FT-146 P LED		3-functional LED side marker, right, long, slanted rubber arm, 2x0.75 mm2 cable 0.3 m long.

LED clearance 1-functional

FT-073 LED



The lamp construction features airtightness and resistance of electronic components emitting light to adverse external weather conditions. This popular LED Marker Light fits neatly onto tubular stainless steel, commonly used on bars for Vans and Trucks. Lamp is equipped with screw covers. Not only stunning light emission but also catchy brightness.



LED clearance 1-functional

FT-061 LED



ID/EAN	Photo	Description
FT-061 B LED*		Clearance Lamp LED 12-36V, white with reflector and a loom 0.5m.
FT-061 B+K LED*		Clearance Lamp LED 12-36V, white with reflector and an angle holder, cable 0.5m.
FT-061 BI LED*		Clearance Lamp LED 12-36V, white with reflector, side angle bracket and a loom 0.5m.
FT-061 C LED*		Clearance Lamp LED 12-36V, red with reflector and a loom 0.5 m.
FT-061 C+K LED*		Clearance Lamp LED 12-36V, red with reflector and an angle holder, cable 0.5m.
FT-061 CI LED*		Clearance Lamp LED 12-36V, red with reflector, side angle bracket and a loom 0.5m.
FT-061 Z LED*		Clearance Lamp LED 12-36V, yellow with reflector and a loom 0.5 m.
FT-061 Z+K LED*		Clearance Lamp LED 12-36V, yellow with reflector and an angle holder, cable 0.5m.
FT-061 Z+KF LED*		Clearance Lamp LED 12-36V, yellow with reflector and an angle holder directed to front, cable 0.5m, connector QS075.

*Also available with QS075 or QS150.

ID/EAN	Photo	Description
FT-073 B LED		Clearance Lamp LED 12-36V, white, loom 0.15 m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 C LED		Clearance Lamp LED 12-36V, red, loom 0.15 m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 Z LED		Clearance Lamp LED 12-36V, yellow, loom 0.15 m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 N LED		Clearance Lamp LED 12-36V, blue, loom 0.15 m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 ZIEL LED		Clearance Lamp LED 12-36V, green, loom 0.15 m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 B LED DARK		Clearance Lamp LED 12-36V, white, DARK version, loom 0.5m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 C LED DARK		Clearance Lamp LED 12-36V, red, DARK version, loom 0.5m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 Z LED DARK		Clearance Lamp LED 12-36V, yellow, DARK version, loom 0.5m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 B LED LONG		Clearance Lamp LED 12-36V, white, loom 0.15m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 C LED LONG		Clearance Lamp LED 12-36V, red, loom 0.15m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 Z LED LONG		Clearance Lamp LED 12-36V, yellow, loom 0.15m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 N LED LONG		Clearance Lamp LED 12-36V, blue, loom 0.15m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 ZIEL LED LONG		Clearance Lamp LED 12-36V, green, loom 0.15m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 B LED LONG DARK		Clearance Lamp LED 12-36V, white, DARK version, loom 0.15m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 C LED LONG DARK		Clearance Lamp LED 12-36V, red, DARK version, loom 0.15m, with a flat and round black rubber gasket for a vehicle bullbars.
FT-073 Z LED LONG DARK		Clearance Lamp LED 12-36V, yellow, DARK version, loom 0.15m, with a flat and round black rubber gasket for a vehicle bullbars.

LED work lamps

FT-364/365 LED

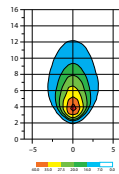
A new series of universal work lamps.

FT-364 LED – beam angle 60°
Enables intense illumination of a short-range working area.

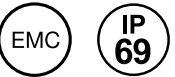
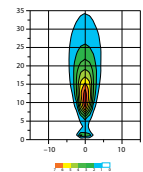
FT-365 LED – beam angle 10°
A narrow beam of light allows for precise illumination of distant areas.

Operating voltage range from 12V up to 32V DC
Shock and vibration resistant
Lamp Optimal lamp operating temperature: -40°C to $+55^{\circ}\text{C}$

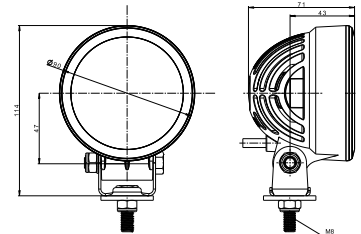
FT-364 LED



FT-365 LED



ID/EAN	Photo	Description
FT-364 LED		Universal LED work lamps, round, wide luminous flux, 2500 lm , joint holder, cable 1,5m.
FT-365 LED		Universal LED work lamps, round, focused light beam, 2500 lm , joint holder, cable 1,5m.



Number plate LED lamp

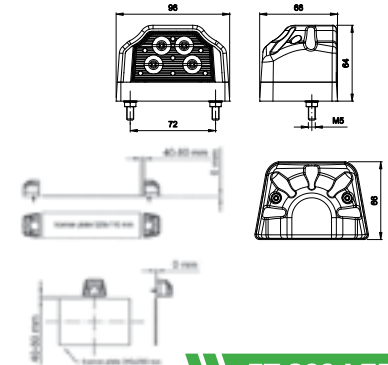
FT-031 LED

1-functional number plate LED lamp

Lamp functions:
- number plate light (FT-031 LED, FT-031 A LED)
- reversing rear light (FT-031 A LED)



ID/EAN	Photo	Description
FT-031 LED		Number plate LED lamp without cable.
FT-031 A LED		Number plate LED lamp with a sidelight without cable.



* Also available with QS075 or QS150.

Number plate LED lamp

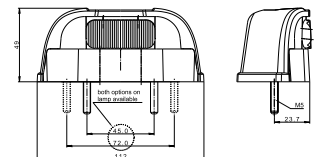
FT-260 LED

1-functional number plate LED lamp

Lamp functions:
- license number plate light



ID/EAN	Photo	Description
FT-260 LED		Number plate LED lamp with cable 0.5 m.



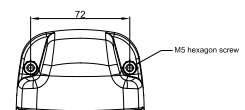
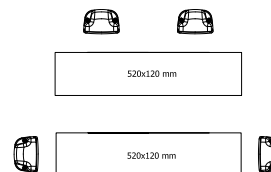
* Also available with QS075 or QS150.

Number plate LED lamp

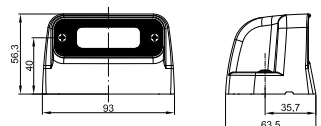
FT-263/1 LED

1-functional number plate LED lamp

Lamp functions:
- license number plate light



ID/EAN	Photo	Description
FT-263/1 LED		LED license plate lamp, 12-36V without cable, with F1 contacts.



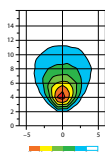
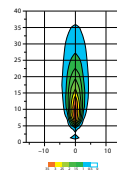
* Also available with QS075 or QS150.

The completely new generation of powerful and durable work lighting in the FRISTOM offer. It was created using the latest technology and high-quality materials.

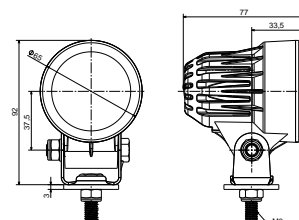
FT-362 LED – beam angle 60°
Enables intense illumination of a short-range working area.

FT-363 LED – beam angle 10°
A narrow beam of light allows for precise illumination of distant areas.

Operating voltage range from 12V up to 32V DC
Shock and vibration resistant
Lamp Optimal lamp operating temperature: -40°C to +35°C

FT-362 LED

FT-363 LED


ID/EAN	Photo	Description
FT-362 LED		Universal LED work lamps, round, wide luminous flux, 1200 lm, joint holder, cable 1,5m.
FT-363 LED		Universal LED work lamps, round, focused light beam, 1200 lm, joint holder, cable 1,5m.

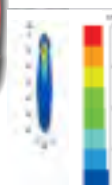


The new series of FRISTOM universal LED work lamps **FT-360 LED** and **FT-361 LED** is equipped with highly efficient LED diodes of **CREE**. Installed in an aluminum housing in order to create optimal working conditions that guarantee high and constant parameters of brightness, reliability and long-term durability of the product. These lamps have already found a very wide application in land and water transport, agriculture and construction. The housing and other lamp parts are made of top quality materials and electronic components highly resistant to both high and low temperatures, mechanical damages and vibrations. The small dimensions of the lamp allow it to be mounted even in the most inaccessible locations.

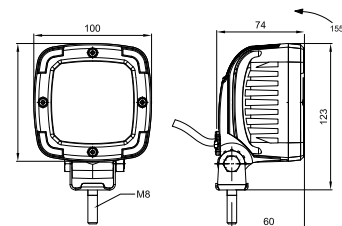
FT-360 LED – wide lighting beam (illumination of close working area).
FT-361 LED – focused beam of light (illumination of the far working field).

Technical specification:

- Wide operating voltage range of 12–36V DC
- Optimum work temperature: -40°C to +35°C
- Ground – white wire; PLUS – black wire



ID/EAN	Photo	Description
FT-360 LED		Universal LED work lamps, wide luminous flux, 4100 lm, black aluminium housing, red frame, joint holder, cable 1,5m.
FT-361 LED		Universal LED work lamps, focused light beam, 4100 lm, black aluminium housing, red frame, joint holder, cable 1,5m.



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