



TECH

QUARTERLY

educational and expert journal of M-TECH

1ST QUARTER 2022





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Dear Partners!

In your hands we give you compressed knowledge about M-TECH's activities in the first quarter of 2022.

You will find here knowledge about automotive lighting, expert articles and product news as well as graphic inspirations! We hope you enjoy our publication and bring you closer to the heart of our company.

In M-TECH quarterly we educate, inform and motivate!

Enjoy your reading!

M-TECH marketing team

M-TECH IN THE CONTEXT OF RECENT EVENTS AND GLOBAL DIFFICULTIES



Dear Partners,

Past days are a trial of difficult experiences for all of us, filled with uncertainty and embitterment.

However, we would like to assure you that we have immediately taken steps to counteract the negative effects of the conflict in Ukraine. M-TECH functions without any disruptions, and our partners can count on the continuous availability of goods and on-time orders delivery.

We promise to do everything within our power to make 2022 a year full of opportunities and success for both you and us, despite the global difficulties.

Currency exchange rate fluctuations, disruptions to global logistic routes, and production delays have all been problems we have faced since the COVID-19 pandemic began. Because of the procedures implemented in the departments of purchase, sales and logistics, once again we will cope with these inconveniences ensuring the availability of products, uninterrupted path of deliveries, and at the same time we will make every marketing effort to come out of the current turmoil even stronger than before.

We are open to any suggestions, proposals and advice. The entire sales department is at your disposal, and we trust that together we can overcome any obstacle and improve existing solutions.

From the very beginning of its existence, M-TECH believes that strength lies in unity and close relations based on understanding of mutual needs and flexible approach to them. This has always allowed our company to overcome any crisis and it will be no different in this case.

Yours sincerely,

Management Board of M-TECH

M-TECH AMONG THE ELITE CLUB OF BUSINESS GAZELLES FOR THE FIFTH TIME



Fast development



Recognized brand



Trust

Business Gazelles, awarded by the specialist business newspaper Puls Biznesu, is the oldest and most reliable ranking of Polish companies, and its members belong to the elite club of reliable and most dynamically developing enterprises. Inclusion in the ranking is a sign of authority and entrepreneurship, but above all an excellent recommendation for potential and existing business partners at home and abroad. Business Gazelle is also a synonym for good management, reliability, honesty and excellent financial condition. Without you achieving such success would be not possible, so once again - thank you very much!

Dear Partners,

The past years were a particularly difficult time for all of us, filled with an atmosphere of uncertainty and completely new challenges. The COVID-19 pandemic has cast a shadow over all economic sectors, therefore your support is more important than ever!

We are pleased to announce that we are starting the year 2022 on an optimistic note - for the fifth time in a row we have been included in the ranking of Polish companies showing growth trends, and as result we have been awarded the title of Business Gazelle 2021, which confirms the strength and quality of the M-TECH brand.



Rokšana Rajewska
Marketing Team Leader





M-TECH MARKETING DEPARTMENT

We are among the fastest-growing companies, maintaining a highly efficient, effective and productive business.

What are the components of our success?

M-TECH's marketing department, which leads us and our Partners to raise awareness of our brand, but also to emphasize strong promotion of private label brands.

M-TECH currently is able to support our Partners and offer a range of sales supporting tools. Our marketing team is continuously working on new promotional materials for car lighting. We listen to the real needs of our Customers, because we are aware that they are the driving force for us and our increasing capabilities!

Even the most unconventional projects are adapted to the latest trends, which we constantly track!

In-depth analyses, inventive creations and involvement at every stage of our activities are key to our reliable, comprehensive and high quality projects and actions.

We care about your success, so let's create something special together!

What do we create for our partners?



Personalized product offers



Quality photos and product descriptions



Personalized artwork and video materials



Personalized promo content



Personalized product packaging design

WORK LIGHTS						
    						
REF.	LED	DIMENSIONS	MAX POWER/VOLTAGE	LUMENS	QTY/BOX	PRICE
WLC20	4x4 High Power	80x20x10mm	40W/12-32V	max 2000	20	
WLC21	1x1 High Power	80x20x10mm	30W/12-32V	max 800	20	
WLC22	1x1 High Power	80x20x10mm	45W/12-32V	max 800	20	
WLC43	1x1 High Power	80x20x10mm	40W/12-32V	max 2000	20	
WLC44	1x1 High Power	80x20x10mm	45W/12-32V	max 2000	20	
REF.	LED	DIMENSIONS	MAX POWER/VOLTAGE	LUMENS	QTY/BOX	PRICE
WLD12	1x1 High Power	138x13x10mm	27W/12-32V	max 2025	20	



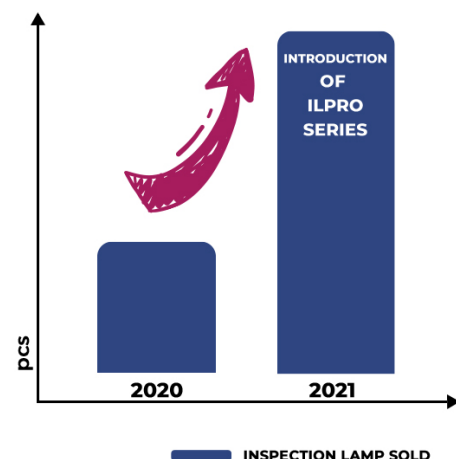
MARKET RESPONSE TO ILPRO SERIES



The beginning of the year is usually the time for summaries, which, among other things, allow us to set directions for development in the near future.

In 2021, M-TECH launched the innovative ILPRO series of inspection lamps, which completely change landscape of workshop lamps market. In Q1, 4 new models were released on the market: ILPRO104, IPRO103, ILPRO105 and ILPRO109. The market response was immediate - reliability, longevity, excellent performance and luminous efficiency, and - perhaps above all - an extremely attractive quality/price ratio made the ILPRO line an instant sales hit.

While the sales department was boosting the sales results, the R&D department was not idle, which resulted in the introduction of equally popular models, ILPRO307 and ILPRO120, in the second half of the year.



Although the graphs we have become accustomed to in recent times unfortunately concern increases in incidence, we would like to present a graph which allows us to look more optimistically into the future. The future of development of M-TECH and our Business Partners in the segment of workshop lighting.

Thanks to our Partners, we have almost tripled the sales result of the inspection lamp range compared to 2020, which reinforces the fact that the segment's growth path is the right one.



Dawid Łukasiński
Senior Sales Engineer



TRUCKSTAR PRO

WE INTRODUCE A NEW PRODUCT BRAND OSRAM - TRUCKSTAR PRO.

TRUCKSTAR PRO - the brightest halogen and signal truck lamps from OSRAM with excellent value for money. With extremely long life, up to 120% more light than standard lamps and very high vibration resistance these 24 volt lamps are ideal for professional drivers while reducing downtime and fleet costs. Thanks to the high vibration resistance, TRUCKSTAR PRO lamps are suitable even for heavy duty applications. Due to their impressive brightness and up to 2.5 times longer lifetime compared to standard lamps, the lamps improve your safety while driving on the road..



Up to 2.5 times longer lifetime

Reduced downtime and fleet costs compared to standard lamps



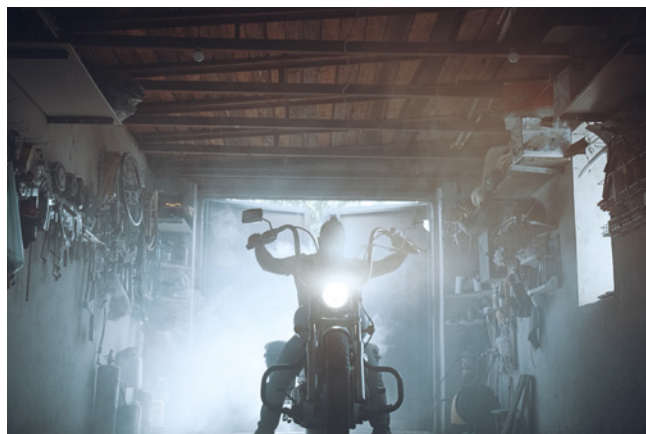
Up to 120% more brightness

More light allows to see farther and therefore react sooner compared to the minimum legal standard



Very high vibration resistance

Suitable for heavy duty applications



COMING SOON



Improved
visibility



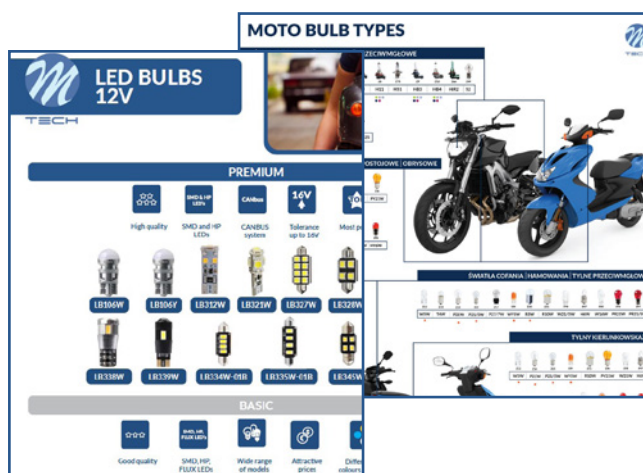
Modern
look



More light -
faster reaction

Thanks to consistent implementation of strategic assumptions, real listening to the needs of customers and the selection of appropriate Partners, we have started work on a new product catalog M-TECH 2022 Light@MOTO.

M-TECH is a company specializing in the automotive and motorbike lighting industry, which since 2007 has been offering its customers a wide range of products in three major lighting technologies: halogen, xenon and LED. In recent years, we have built a strong and recognizable brand, both at home and abroad. We create new solutions in the field of automotive lighting. We are a manufacturer of systems based on the highest quality components consistent with high European standards. M-TECH offers a wide range of motorbike and scooter bulbs ensuring reliability and excellent visibility.



*The content is from the Osram brand website.



LIGHT@MOTO
COMING SOON

M-TECH EXPANDS ITS RANGE OF LED SETS

The past 2021 was the year of the premiere of the LSPRO series, which immediately became the bestseller of the LED SET segment in the automotive aftermarket. Following the blow and meeting the expectations of the market, M-TECH introduces 3 brand new series of products in the category of sets designed to convert traditional lighting to LED lighting.

Unflagging interest in this type of lighting makes it necessary to constantly develop and improve them. The automotive market is currently very focused on the development of products from the LED set range, M-TECH's R&D experts are aware of this, resulting in new models in the range. The use of the latest trends and solutions in the construction of the body, improved cooling system and components used undoubtedly put the new products at the forefront of this segment.

When choosing LED sets, it is important to pay attention to the placement of the diode itself - whether it is placed in a place similar to that of a traditional tungsten filament (the so-called twisted pair). If the diodes are placed too far forward or backward, the light beam will not be fully directed onto the road.

Too large surface of the diode is not an advantage of the products from this segment, because such a solution makes the light beam stronger, but less effective. Although on the surface it seems to be otherwise.

Only a small part of the light coming out of the headlight falls in front of the car, in a place where the light beam should be the strongest and most effective. Aware of the needs of users, we present novelties that meet the above characteristics.

Currently on the market there are countless models to convert traditional lighting to LED. When choosing the right set, one should be very careful because, unfortunately, the vast majority of such solutions available in shops and automotive wholesale shops are untested, very low quality constructions. Faulty construction of the body, sub-standard components and applied improper cooling system directly affect the life, or in fact the lack of it, the same applies to efficiency and performance.

Many years of experience in the automotive lighting

segment, listening to the needs of the market and road users resulted in the LSF, LSG and LSAL series being offered by M-TECH.

AT THIS POINT, I WILL TRY TO

LSAL SERIES LED SET



**BRIEFLY CHARACTERIZE
EACH OF THEM.**

LSAL series

LSAL series is an innovative line of bulbs offered by M-TECH. Its most important feature is its compact construction, which does not have a traditional beam coming out of the "bulb" and does not require connecting additional modules. Its task is to resemble a traditional halogen bulb as much as possible. For these reasons, such solutions are marketed under the name "All In One".

All products are equipped with LEDs made in modern CSP LED technology, which is characterized by very high efficiency from 1W (number of lumens from 1W).

Thanks to this, we have obtained the highest possible light efficiency, which will directly translate into safety. The unique design of LSAL series LED bulbs, their small size and the base integrated with the aluminum body significantly facilitate installation even where space is limited. Another element worth mentioning is the detachable flange, which allows you to minimize the hassle of mounting the set. The LSAL series is compatible with 12V and 24V installations and the light color temperature is max. 6500K.



The bulbs have been fitted with an active cooling system,



which has an additional influence on the life of the product.

LSF and LSG Series

LSF and LSG series are another reliable line of bulbs in M-TECH's offer. Their most important feature is the use of an innovative FrontAir active cooling system. The use of the latest solutions has resulted in a significant reduction in the size of the components of the set responsible for cooling (fan), which directly translates into ease of assembly. FrontAir technology, thanks to the use of a special construction of the "bulb" body, allows to direct about 10-15% of the cooled air directly to the diode. This significantly increases the service life of the entire set. In LSF and LSG series products, as in LSAL series, the diodes manufactured in Korea are used, which guarantees the highest efficiency and performance (multi-chip CSP diodes guarantee the highest performance per 1W in price/quality ratio). In addition, they have built-in inverters, which are part of the double control system against overheating. The small size of the heatsink and the detachable flange significantly facilitate installation even where space is limited. Both series are compatible with 12/24V installations and the light color temperature is max. 6500K.

To sum up...

The presented novelties significantly supplement the assortment of LED SET segments in M-TECH's offer. The materials used, technologies and solutions applied mean that regardless of whether you choose the LSAL, LSF or LSG series, you are guaranteed a very high quality product.

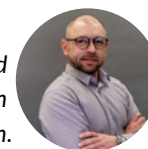
LSAL is an ideal solution for those looking for a solution that is as close as possible to a traditional halogen bulb in terms of size. The components used, such as CSP diodes, guarantee maximum efficiency and effectiveness, which directly affects driving comfort.

LSF and LSG series are products representing the same segment in the category of LED sets. The application of the innovative FrontAir active cooling system allows to significantly improve efficiency of the cooling process itself, which directly translates into durability and reliability of the newly introduced models.

The whole is complemented by the use of materials and highly efficient light sources in the form of CSP type LEDs. The LSF and LSG series is really distinguished by one element, namely the appearance, so that each user can find a product that meets not only technical, but also aesthetic requirements.

The models available within each LED set series are H1, H11, H4, H7, HB3, HB4..

**These products do not have road homologation and therefore cannot be used on public roads within the European Union.*



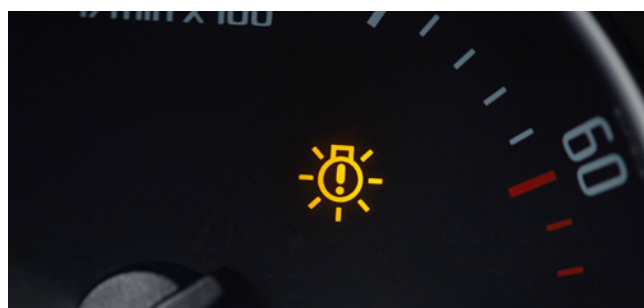
Bartłomiej Szternal
Product Manager, M-TECH



Every motor vehicle, be it a motorbike or a car, is made up of many systems working together. These consist mainly of mechanical components, supported or controlled by electricity and electronics. It is known that with the degree of wear and tear, some parts of these systems may fail. Here we can distinguish between obvious and non-obvious failures. When I call obvious failures, I mean those whose symptoms cannot be overlooked by an average driver, e.g. "a flat tyre". As for the non-obvious failures, they may be minor malfunctions, which cannot be noticed, or simply a burnt-out bulb of the rear position light. Such a fault is easy to spot, but really, who of us goes around the car before every trip and checks the lights?

Non-obvious defects have a significant impact on the safety of road users. In order to prevent such faults, manufacturers have started to develop and install self-diagnostic systems so that the driver can be informed of a fault as soon as possible, before it has an adverse effect. Starting with oil pressure, charging voltage and brake fluid level indicators, the diagnostic systems became increasingly sophisticated and monitored other vehicle systems. One of the first bulb check computers was fitted to the BMW 7 Series E23 generation in the mid 1970s. It worked by simply checking electrical circuits. If the circuit was broken by a bulb burning out, an indicator light on the instrument panel illuminated. Over time, the systems evolved. As early as in the 1980s, the CAN (Controller Area Network) serial bus system appeared, which allowed two-way communication between modules of individual systems in the vehicle. The systems used today, especially in premium brands, are four-channel buses so developed that in addition to circuits, they also control the power and even resistance of bulbs, so as to detect the slightest exceedance of the assumed parameters and cut off power to a specific bulb, which the computer considers to be defective.

The message about faulty lighting often manifests itself in the form of a yellow light on the dashboard. This is a confusing phenomenon, because while the driver may associate this message with the previous replacement of selected bulbs in the vehicle with LED retrofits, they lose the ability to



monitor the performance of the remaining bulbs in the vehicle. Manufacturers of retrofits for automotive lighting are therefore having a hard time tricking diagnostic systems into not displaying the message about burnt out bulbs. To do this, information is collected on the diagnostic methods the system subjects the bulbs to. These methods and parameters vary from vehicle manufacturer to vehicle manufacturer and from brand to brand. Based on the data collected, retrofit manufacturers create additional load systems to increase the energy consumption to a level equal to a conventional bulb. This system is called 'CAN bus' or 'Canbus', where the word 'bus' in this case does not mean bus, but a separate system that carries data and control signals in a computer system. The Canbus system in retrofits usually manifests itself in the form of an additional resistor package, which is integrated on the control board of the retrofit. Their power and resistance is selected strictly for a given retrofit, i.e. for the parameters of a traditional bulb that is replaced on the one hand, and for the type and number of light sources a given retrofit is equipped with on the other. Unfortunately, the level of complexity of modern diagnostic systems in vehicles does not allow us to build a universal Canbus system for a given bulb, so that it would work in all cars. If it was to





be, Canbus electronic system would physically overgrow the size of retrofits, in which it is used.

As you can see, there are many LED replacements for various types of incandescent bulbs in the offerings of leading automotive lighting retrofit manufacturers. The most extensive is usually the range of auxiliary and signal bulbs. Replacing position bulbs with LEDs is a very popular styling procedure among Polish drivers. Replacements for halogen headlight bulbs, which even in Western European countries gain residual road homologation, are also becoming increasingly popular. The multitude of products on offer is the result of the need to satisfy the needs of use and the imagination of consumers. Usually, a customer with the intention of buying LED retrofits already has a precise idea of their use and is looking for a product that meets the given criteria - bulb type, power, color, direction of light, etc. Not all of these retrofits have an integrated canbus system, which is expensive to prepare and to manufacture. The need to use products with or without canbus comes directly from the car in which they are to be used. Users, who still want to use products without canbus, which are also often simply cheaper, but do not want to deal with the message about burned out bulb, can retrofit the installation with a set of additional resistors. On the market you can find universal resistors for parallel connection with parameters matched for a group of bulbs of similar power. There are also resistors dedicated for a given type of bulb, which are not only electrically matched, but even have a plug and socket compatible with a given bulb. However, users who choose to install LED retrofits in their turn signals may experience the effect of rapid bulb flashing, even though they have purchased Canbus products. This problem can be solved by replacing the indicator interrupter with one that is dedicated to LED bulbs.

The problem with a burnt-out bulb error does not only apply to LED retrofits, or other replacements that are simply less powerful than the nominal value. Similar problems may also be encountered by drivers who decide to improve their headlights by installing halogen bulbs, but with an increased wattage, such as H7 100W. Such a large difference in the power consumed by the bulb could be considered a fault or even a short circuit and the light control module could cut off power to the bulb.



Owners of cars manufactured in the last decade, especially premium brands, who primarily want to convert headlights from halogen to LED or xenon, often have problems with the Canbus and the resulting flashing and cutting of power to headlights armed with retrofits. A non-invasive procedure to change the software of the module in question can be a lifesaver. In some cases, a smartphone application that supports the service activities of a given brand and OBDII interface is sufficient to code the lighting diagnostics option in the vehicle. However, you have to reckon with the fact that until this option is switched on again, no messages about burnt-out bulbs will be delivered.



Dawid Bystron
Product Manager, M-TECH

M-TECH EXPANDS ITS RANGE OF BLACK SERIES LED LONG-RANGE AND WORK LAMPS.



WLBO133

M-TECH has always focused on products based on the highest quality components, such as branded diodes and the latest, often innovative solutions. Cheap solutions or half-measures have never been taken into account when introducing new products. Already in 2020, in order to meet the expectations of the market and its unflagging popularity, M-TECH introduced driving lights of Black series to its offer, which, apart from the above features, fulfill one more aspect, very important for the end user, namely the appearance. Unusual design, which consists of e.g. effect of smoky glass obtained by using appropriate optical techniques is an unquestionable advantage of all models included in this product group, which additionally distinguishes them from the competition. Unflagging popularity of the series products caused M-TECH to extend the assortment with further models of LED long-range halogen and working lamps.

NEW EUROPEAN UNION DIRECTIVES ECE R148 AND ECE R149.

Simplicity has always been a human goal, especially when it comes to standards, directives and other legal matters. This allows for greater transparency and therefore better use of the potential that a particular product has. The European Union has recently come to the same conclusion with the introduction of new directives ECE R148 and ECE R149. The first one concerns tail lamps, while the R149 directive focuses on headlights.

The ECE R148 approval has now replaced a number of old approvals, including those well known in the market such as R23 (reversing lamp) or R38 (rear fog light). The ECE R149 is the same as, for example, the ECE R112 (homologation of LED high-beam headlamps) or the ECE R19 (fog lamps). The

list of directives that are part of the new standards is much longer.

PROBABLY THE SMALLEST



WLBO143



WLBO143

DRIVING LIGHTS IN THE WORLD.

Since time immemorial, long-range halogen lights approved for legal use on public roads have been synonymous with something big and heavy. Drivers of trucks, vans and off-road vehicles, who use this type of lighting every day, know it best. In an attempt to shatter this market stereotype, M-TECH is the first company to introduce lamps that are distinguished by their unprecedented small size in this segment, while meeting the requirements of the new R149 directive. The small size has been achieved through the use of the latest, innovative solutions, which are the result of technological progress and ubiquitous miniaturization. Naturally, the new lamps are compatible with both 12V and 24V installations.

The WLBO134 and WLBO144 meet all the above criteria. In addition to their small size they are distinguished by another very important feature - the reflector. Its innovative shape resembling a bucket of an excavator and the use of extremely efficient, branded diodes made it possible to obtain a luminous flux so far reserved only for much larger models.

WLBO134 is a lamp from the driving lights segment in a rectangular shape with dimensions of 82x60x62mm (dimensions of the lamp itself). The luminous flux is provided



WLBO134

by six extremely efficient and effective diodes with the power of 5W each, arranged three in two rows. In conjunction with the reflector, they allow for maximum effectiveness and efficiency.

The WLBO144 model differs from the WLBO134 in shape and the number of diodes. The lamp has a classic square shape with the dimensions of 82x82x62mm, and the luminous flux is provided by 9 diodes with the power of 5W each, as in the previous model, distributed in three rows of 3. Similarly to WLBO134 it has the R149 homologation, which allows for legal use on the roads of the European Union.

The driving lights WLBC157 (round lamp), WLBC756 (curved beam) and WLBC758 (curved beam) were the inspiration for the extension of the Black range, which confirmed that not only price but also appearance is important.

MODERN DESIGN MATTERS.

M-TECH's R&D department is constantly working to introduce products that meet the requirements of even the most demanding road users. Hence the idea to introduce ordinary working lamps of the extremely popular Black series. Models WLBO133 and WLBO143 are counterparts of the WLBO134 and WLBO144 driving lights, which in contrast are designed for the best possible illumination of the working area. Thanks to the use of highest quality materials, multi-structural reflector of Flood type for light diffusion and extremely efficient diodes of High Power type, we get a product that gives a guarantee of efficiency and reliability even in the most difficult conditions. In addition, so characteristic of the Black series, the effect of tinted glass makes people who, in addition to power and quality appreciate the individual and stylish appearance, will find something for themselves.

At this point it is worth mentioning the EU directive R10, which is inseparably connected with work lamps. On the market you may come across products offered as working lamps with homologation, on which there is a print with a characteristic letter "E" in a circle and next there is information what directive it refers to (regulation number e.g. R10). Unfortunately, the ECE R10 is very often confused with the R112 road homologation. The problem is that R10 (ECE-R10) means only that this device does not emit an electromagnetic field that could disturb other electrical and electronic equipment in the vehicle. It is not, however, a certificate that allows the lamp to be legally used on European Union roads.

TO SUM UP...

M-TECH, as a leader in the automotive lighting industry,

has always listened to the needs of the market, which in combination with the Research & Development department and a team of engineers has implied products of the highest quality, often using the latest, innovative solutions. It is no different with the new Black Series products. The WLBO134 and WLBO144 models represent a new opening in the segment of driving lights in the aftermarket. They are proof that size doesn't matter. M-TECH's offer will soon include probably the smallest LED long-range halogens on the market. Thanks to the use of the latest technology and innovative solutions, such as an innovative reflector, it has been possible to create products of the highest quality, which cannot be found anywhere else on the market. WLBO134 and WLBO144 are models that meet the criteria of the newly introduced European Union directives on broad-spectrum light sources. The E149 homologation means that they can be legally used on EU roads as long-range LED light sources. The lamps have another very important feature, namely the effect of tinted glass, which makes no motoring enthusiast pass by these lamps indifferently.

The range is completed by the WLBO133 and WLBO143 models for work area illumination, which has a direct impact on safety and comfort.

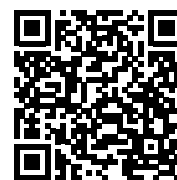
Importantly, the new models can be compatible with both 12V and 24V electrical installations.

All the described M-TECH products will be available at the best automotive wholesalers on the market.



Bartłomiej Szternal
Product Manager, M-TECH

3...2...1 LINKEDIN!



Our profile on LinkedIn - M-TECH Poland!

We created this place to be a mine of knowledge in the field of automotive lighting.

Follow our expert publications and comments, combined with interesting facts, which will bring you closer to the subject and brighten up the diverse world of light bulbs.

By the way, let us show you a little bit about ourselves.

You will also find information about our company and products that we have not presented anywhere else!

Watch us and stay up to date!



M-TECH POLAND
107 obserwujących
11 • 0

What do we create for our business partners?

- Personalised product offers
- Top quality photos and product descriptions
- Personalised graphic design and video content
- Personalised promotional content
- Personalised product packaging design

We're one of the fastest-growing companies that maintains a high level of business efficiency, effectiveness and productivity.

What are the components of our success?

M-TECH's marketing department, which leads us and our partners to globally expand awareness of not only the M-TECH brand, but also places emphasis on strong promotion of private label brands.

Today, M-TECH is able to support our Partners and offer a range of sales support tools.

The marketing team is constantly working on new lighting promotional creations. We listen to the real needs of our customers, as we are aware that they are the driving force behind our actions and constant improvement of our capabilities! We adapt even the most unconventional projects to the latest trends, which we follow on an ongoing basis!

In-depth analyses, imaginative creations and involvement at every stage of our activities are the key to our reliable and comprehensive high-quality projects and actions.

We care about your success, so let's create something special together!

#mtech #mtechpoland #mtechonboard #automotive #automotivelighting #graphicdesign #packagingdesign #marketing #digitalmarketing #socialmedia #creativity #projects #success #content #productivity #brand #branding #motivation #team #quality

Zobacz tłumaczenie



M-TECH POLAND
107 obserwujących
11 • 0

M-TECH among the elite club of Business Gazettes for the fifth time.

Dear Partners,

The past years were a particularly difficult time for all of us, filled with an atmosphere of uncertainty and completely new challenges. The COVID-19 pandemic has cast a shadow over all economy sectors, therefore your support is important more than ever!

We are pleased to announce that we are starting the year 2022 on an optimistic note - for the fifth time in a row we have been included in the ranking of Polish companies showing growth trends, and as a result we have been awarded the title of Business Gazette 2021, which confirms the strength and quality of the M-TECH brand.

Business Gazettes, awarded by the specialist business newspaper Puls Biznesu, is the oldest and most reliable ranking of Polish companies, and its members belong to the elite club of reliable and most dynamically developing enterprises. Inclusion in the ranking is a sign of authority and entrepreneurship, but above all an excellent recommendation for potential and existing business partners at home and abroad. Business Gazette is also a synonym for good management, reliability, honesty and excellent financial condition. Without you achieving such success would be not possible, so once again - thank you very much!

#mtech #mtechpoland #mtechonboard #automotive #automotivelighting #GazetaBiznesu #trust #brand #development #award #quality #business #success #www.gazeta.pl

Zobacz tłumaczenie



M-TECH POLAND
107 obserwujących
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We already know the market response to the new LSPRO series.

LED retrofit sets from the LSPRO series, designed to convert the main lighting in vehicles with a 12V installation, went on sale in the first quarter of 2021... zobacz więcej

Zobacz tłumaczenie



M-TECH POLAND
107 obserwujących
2 mies. • 0

"When choosing LED sets, it is important to pay attention to the placement of the LED itself - whether it is placed in a location similar to where the tungsten filament (known as a strand) is found in a traditional bulb. Placing the LEDs excessively at the front or rear will ensure that the light output is not fully directed onto the road."

Author: B. Sztetnal

Product Manager at M-TECH

#mtech #mtechpoland #mtechonboard #automotive #automotivelighting #LED #LEDset

Zobacz tłumaczenie



M-TECH expands its range of LED SETs.

M-TECH POLAND na LinkedIn • Do przeczytania w 5 min.

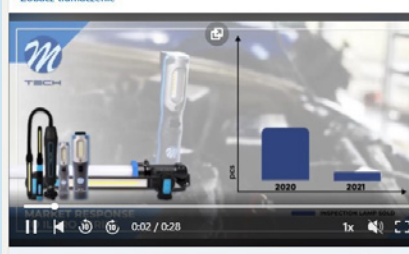


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107 obserwujących
1 mies. • Edytowano • 0

The beginning of the year is usually the time for summaries, which, among other things, allow us to set directions for development in the near future.

In 2021, M-TECH launched the innovative ILPRO series of inspection... zobacz więcej

Zobacz tłumaczenie



Introduction of ILPRO SERIES



M-TECH POLAND
107 obserwujących
2 mies. • 0

Being experts in the field of automotive lighting, we try to share our knowledge with our partners in the media and in automotive magazines.

Thanks to these actions, step by step, we are building awareness of the M-TECH brand among customers both at home and abroad.

Our aim is to regularly share technical knowledge about automotive lighting, which is why we create expert publications and product notes.

Thank you for your trust!

Read our articles published periodically in:

MotoFocus <https://lnkd.in/e4DrGRc>

autoEXPERT marka medialna <https://lnkd.in/eZ9jev2X>

warsztat.pl <https://lnkd.in/e65ZUfY>

Motofaktor.pl

40TON

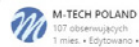
NOWOCZESNY WARSZTAT

FORUM MECHANIKA

#mtech #mtechpoland #mtechonboard #automotive #automotivelighting #brand

#media #publications #share

Zobacz tłumaczenie



M-TECH POLAND
107 obserwujących
1 mies. • Edytowano • 0

ILPRO. What features distinguish each model?

Handiness, brightness regulator or perhaps a lamp that can be adjusted in two planes? Read the article and find the right workshop tool for you!

Author: B. Sztetnal

M-TECH Product Manager

#mtech #mtechpoland #mtechonboard #automotive #automotivelighting

#workshop #tools #inspectionlamp #flashlight #mechanic

Zobacz tłumaczenie



ILPRO SERIES

M-TECH POLAND na LinkedIn • Do przeczytania w 4 min.

ILPRO SERIES lamps are IP54 certified, which makes them waterproof, while the housing remains r...



OUR FACEBOOK

Why is it worth watching us?
Our profile on Facebook means product news, interesting facts and interesting contests!

Like us today and stay up to date!



NOVELTIES & PRODUCTS

available again in our regular offer

LED SETS



LSC3

EAN: 5901508550156



LSC9

EAN: 5901508550194



LSC13

EAN: 5901508550170



LSC16

EAN: 5901508550217



LSAL1

EAN: 5901508550507



LSAL4

EAN: 5901508550514



LSAL7

EAN: 5901508550521



LSAL11

EAN: 5901508550538



LSAL5

EAN: 5901508550545



LSAL6

EAN: 5901508550552



LSG1

EAN: 5901508550569



LSG4

EAN: 5901508550576



LSG7

EAN: 5901508550583



LSG11

EAN: 5901508550590



LSG5

EAN: 5901508550606



LSG6

EAN: 5901508550613

WORK LIGHT REVERSE

NEW M-TECH LAMPS WITH ECE R23 APPROVAL



WLR102

EAN: 5901508550149



WLR228

EAN: 5901508550484



WLR243

EAN: 5901508550460



We will present photos from the product shoot in the next issue!

COMING SOON

in our regular offer



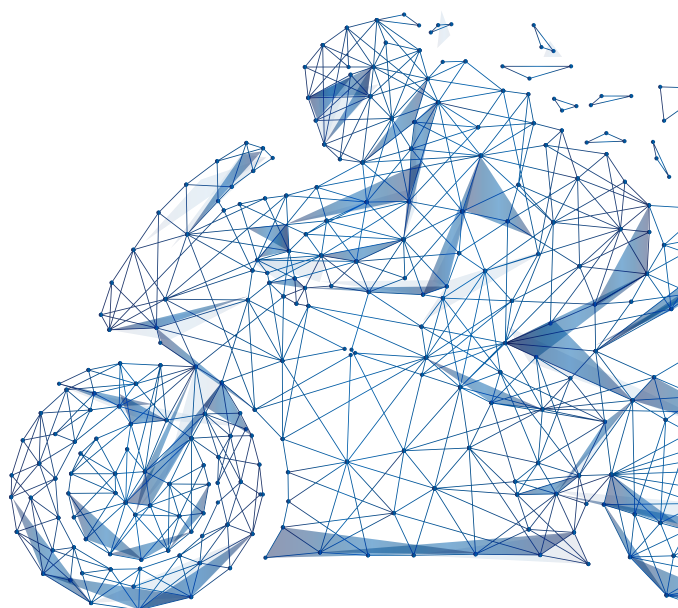
FOG LIGHTS

- Dioda LED H1 (LB501W-01B)
- Dioda LED H3 (LB503W-01B)
- Dioda LED H7 (LB507W-01B)
- Dioda LED H8 / H11 (LB511W-01B)
- Dioda LED 9005 (HB3) (LB505W-01B)
- Dioda LED 9006 (HB4) (LB506W-01B)
- Dioda LED 880 (LB508W-01B)
- Dioda LED 881 (LB512W-01B)



MOTO LIGHTS

- LB551W-01B
- LB552W-01B
- LB554W-01B
- LB571W-01B
- LB572W-01B
- LB574W-01B



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