



new



LIGHT. EMOTION. DESIGN.
NOVELTIES 2022

PROLED[®]

We are new **PROLED**

Good light is our mission.

New PROLED? If you know us, you'll know that MBN GmbH's PROLED brand is an LED native and a pioneer. We've been around since 2005, enjoying considerable success on the market.

But we wanted to achieve more, so we restructured and consolidated our business, grew our workforce, went international and expanded our product portfolio.

The result is the PROLED Group, a strong international player in the lighting market. The group encompasses the brands **PROLED** in Friedberg, **UNI-BRIGHT** in Antwerp and **mawa** in Michendorf.

Together we cover the full spectrum of technical and atmospheric light. From over-the-counter products to complex lighting solutions in the architectural field to design icons.

MBN GmbH with the PROLED brand is known for its project expertise and its strength in linear lighting. Linear lighting is our passion and we are pleased to see a paradigm shift in this respect in the market.

Once misunderstood and undervalued as 'effect lighting', linear lighting has now firmly arrived on the scene and is recognised by professionals for what it really is: a serious lighting tool with a diverse range of applications. We are proud to have been part of this process with our products.

Now we want to introduce you to our 2022 highlights and new products, all of them incredible developments with fantastic features that really make you want to put them to creative use.

Take our PROLED Shape. Being basically light and luminaire in one, it offers limitless possibilities in lighting AND luminaire design.

But I won't keep you in suspense any longer. Take your time and take a look at all of our new products. We are very excited to see what you're going to do with them. Surprise us with applications we haven't even thought of yet!



It's not lights but lighting emotion that we sell. We help you realise strong solutions with emotional radiance.

PROLED develops lighting products and systems for a wide range of applications and advises lighting designers, architects and electrical specialists across all stages from concept through to project success.





8

A family united in light

When you do something with passion, the result is good. Especially when a whole family of pioneers, visionaries and creators share your passion and the added value is multiplied.

18

Illuminating examples

As partners and advisers to the lighting professionals, we support you from concept through to project success. We couldn't hope for better references than these illuminating examples.



26

Quality on the lighting test bench

When it comes to quality, the facts are all that matter. Our in-house lighting lab is where we ensure that products meet – or exceed – our high standards.

Contents



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Light can do so much more than just shine

There is ambient luminescence, focal glow and play of brilliants. It's the virtuoso interplay between them that creates the excellent result.



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Our new products

Mission accomplished. Allow us to present our new products for 2022.

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The PROLED brand

All *about good light*

In the PROLED GROUP, it's all about good light. About high-grade products and the impressive effects they produce. About lighting applications that are exciting to experience. Together we cover the entire product spectrum of functional and atmospheric light. From cost-effective staples of the lighting toolkit to design icons.



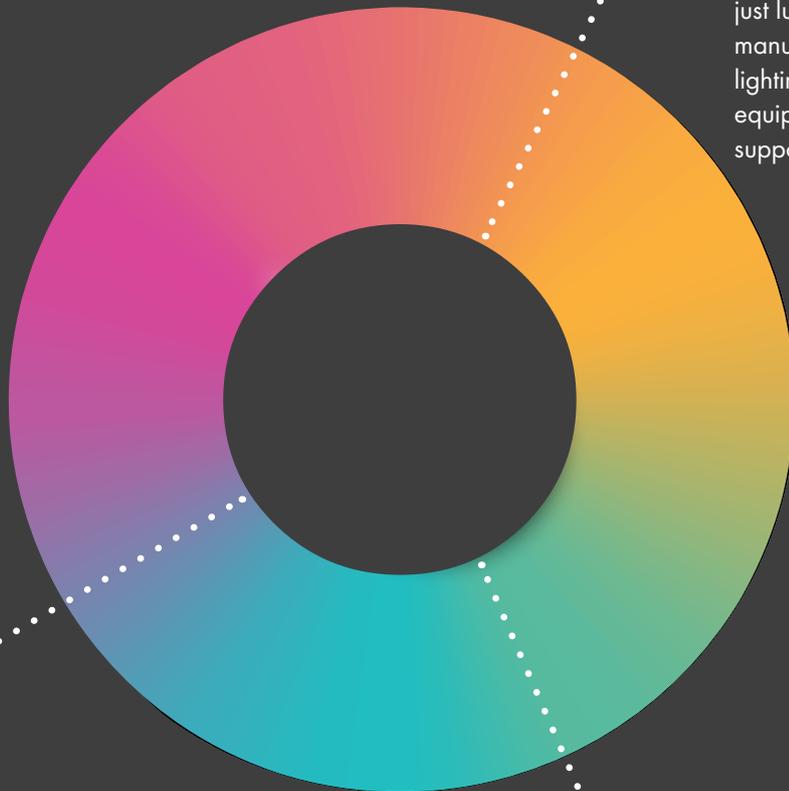
SPOT ON PROLED GROUP

All companies in the group share a passion for our craft, illuminate it from different market angles and develop their lighting solutions to technical and aesthetic perfection.



PROLED®

Having lent its name to the group, PROLED is a company that sells not just luminaires but good light. The manufacturer offers professional lighting designers the full range of equipment they need and maximum support for their projects.



UNI-BRIGHT®

As the wholesale market leader, UNI-BRIGHT offers architects, lighting designers and electricians in Benelux one-stop shopping at the highest quality levels – at customer-friendly prices.



mawa®

The renowned manufacturer mawa spans the spectrum from technical lighting systems to high-grade architectural lighting to decorative luminaires that meet sophisticated design and functional briefs.



Patrick Slechten

PROLED GROUP

A family united in light

When lighting professionals, LED pioneers, design masters and international brand strategists come together with a shared vision, that's when things get bright. 'Customer delight' takes on a whole new meaning.

Shining lights with a passion

Three pioneers, visionaries and innovators founded their companies and continued their evolution. Today, they make up the PROLED Group.

The brands were shaped by the spirit of the founders. Their success is a matter of teamwork.

Bernd Menrad

Founder of PROLED

Bernd Menrad launched the PROLED brand in 2005. That was the exact year when the LED revolution began. As a true LED native, PROLED has focused completely on LED technology from the very beginning and has been continuously developing it to this day. That is part of what makes PROLED strong today.

| www.proled.com



Martin Wallroth

Founder of mawa

Martin Wallroth started out as a one-man business in Berlin's Kreuzberg district in 1977. Today, mawa is a brand with a great reputation, the highest design standards and cult potential. mawa luminaires have won numerous (inter)national design prizes. They are on display in many design collections and museums across Europe and the United States.

| www.mawa-design.de

Luc Hulselmans

Founder of UNI-BRIGHT

Luc Hulselmans founded the company UNI-BRIGHT in Belgium in 1995. They introduced their first LED product range back in 2004. With a focus on technical added value for customers, the company specialised increasingly in LED technology. UNI-BRIGHT became a member of the PROLED Group in 2018.

| www.unibright.be



Source: German Design Council/photo: Martin Diepold





Lighting is a culture that connects

Patrick Slechten speaks four languages and has lived on three continents. Professionally, the man of the world has landed in a discipline that won't let him go.



Patrick Slechten

CEO of UNI-BRIGHT



Once a lighting guy always a lighting guy – right, Mr Slechten?

I have worked in different industries at different times in my life. But once you get into lighting, it's hard to want to do something else.

How would you describe UNI-BRIGHT?

UNI-BRIGHT is the Benelux market leader in the wholesale sector, with a focus on architectural lighting. We are a member of the international PROLED Group. We are a one-stop shop for whole-

salers and electricians, offering a high level of quality at prices their customers love.

What do you use as proof of quality?

The tests in the light lab. But the quality is even more evident in the rate of returns. Since we place the highest value on continuous quality assurance for our products, we are proud to have a return rate of well below one percent, which is not typical for the market.

“

‘Lighting designers and project planners need to see us as the ones who make their work easier. Every day.’

What is happening in the market at the moment?

People are increasingly looking for real manufacturers, not just trading houses. They associate manufacturers with higher quality, customer loyalty and sustainability – and rightly so. These are precisely the values that we – and the Group – embody so well.

UNI-BRIGHT is keen to pursue growth. Where do you see potential?

The practitioners of the lighting scene here in Belgium know UNI-BRIGHT. We are already well established as a brand. The electricians also rely on us completely. That is a very good place from which we can launch new products. People say, ‘what comes from UNI-BRIGHT is good.’ I see potential with lighting designers and project planners. They need to become aware that they can contact us directly if they have any questions or need help.



Doesn't wholesale stand for 'over the counter and out of mind'?

Not at all. Even though we at UNI-BRIGHT are not as deeply embedded in the project business as PROLED and mawa, our customers still value our support. We make 25% of our turnover with pure over-the-counter products. When someone has questions they need answering, they get in touch with the wholesaler and they pass the query on to us. 75% of our turnover comes from projects. When you want to equip a hotel or an office building with lighting technology, you're going to need professional advice and support. We provide both – and the equipment.

You are CEO of UNI-BRIGHT in Antwerp and one of the managing directors of PROLED Holding. As a man of the world, how do you view the Germans?

I like Germans, I have always enjoyed working with them. They are very focused, very to the point. German efficiency has a value in the international market. So the PROLED Group members complement each other really well. Light is international. Lighting is a culture that connects. Together we create lighting emotion.

“

INTERVIEW



Jannis Franzen

Head of Customer Sales
Support and Export

Technology and solutions with a passion

PROLED offers strong products – but that’s not all. With solution-focused advice and hands-on support, every lighting project becomes a shining example.

‘PROLED is the manufacturer with the project expertise. Our customers know they’ll get a solution from us and a result they’ll love.’

Why is the project business so important to PROLED?

Because that is our identity as a company. Because it’s our unique selling point in the market. And because it gives added value to our customers.

Added value in what sense?

What our customers get from us is not just products but solutions. We accompany, support and advise them right up until they’ve reached their goal. We’re not luminaire traders. We take care of every single aspect of light.

Why do lighting professionals need advice?

Because lighting is an incredibly complex and dynamic subject. The technology is continuously changing and constantly offering up new applications and effects.

So PROLED is the one constant in the project?

Exactly. Our customers know we are there for them without limitation, that we will find a solution for them – and they will be able to afford it. We will even go one step further in future.

What are you planning?

We at PROLED are known for our excellent customer service and high-quality advice. But in the project business, you always need to have someone on the ground at the customer’s building site. On-site problem solving is important. So we’ve put in place a strong team of field service reps. The interaction between our back office and field staff is very efficient and takes some of the pressure out of the project. Everyone knows what they have to do and is part of the solution.



Raffaella Spizzichino

Country Manager Italy

German efficiency in design-savvy bella Italia – is that possible?

Absolutely. The PROLED Group blends technical quality and project skills with design expertise. This combination goes down very well in Italy. So does our 5-year warranty and our customer service. The overall package gives people confidence in us.

What else do the Italians like about PROLED?

Our wide product range and the fact that we are a one-stop shop. With PROLED and UNI-BRIGHT we cover the technical aspects of light. And mawa serves the special need for emotionality and creativity.

What makes PROLED stand out from the Italian competitors?

Some Italian manufacturers offer a combination of architectural, decorative and outdoor lighting.

‘We know how lighting culture works internationally and we are expanding it in concert with our domestic and international customers.’

We, on the other hand, cover all applications, including linear lighting, plus equipment and advice. That is rare in Italy. Our consulting expertise underpins our special position in the Italian market. We are able to support our Italian customers effectively in all applications within the lighting world.

Aren't the design preferences in Italy and Germany very different?

Germans and Scandinavians like things more minimalist. Italians prefer a more arty touch. But many architects and designers here in Italy like the Nordic style, the mixture of minimalist, clean and industrial style. It's a real trend.

What is your role as country manager?

My role is hybrid. It ranges from supporting the commercial agencies to advising clients on their projects.

So that means you also advise the lighting creatives?

With a passion. As a trained lighting designer, I know what a complex task architects and project planners are faced with and I know their pain points very well. I work out the lighting concepts with them and support them in an advisory capacity until the end of their project.





APPLICATIONS

Illuminated worlds

Our products can realise any lighting concept and solve any lighting challenge. They span a diverse range of applications to match.



Das Illustrat

COMMERCE

Objects create desire – when presented in the right light.

HOSPITALITY

For connoisseurs of light, we have something very special on the menu.

PUBLIC SPACE & CULTURE

Now we know why Mona Lisa is smiling. Good light flatters her.

OFFICE

Good light enhances performance and creates energy – in your team.

WELLNESS & FITNESS

Wellness comes from feeling good. That's what you can clearly see here.

HOME

Live more beautifully – with light emotions and that 'wow' effect.

OUTDOOR

You can tell an aesthete with vision by how they light their outdoor space.

CENTRE STAGE

Illuminating examples

Our clients' sparkling projects are shining beacons for us – they are the highlights of what we do. We just love the sight of them time after time. But what's more important is that the people who go in and out of there do.





Photo: Frieder Blicke

CENTRE STAGE

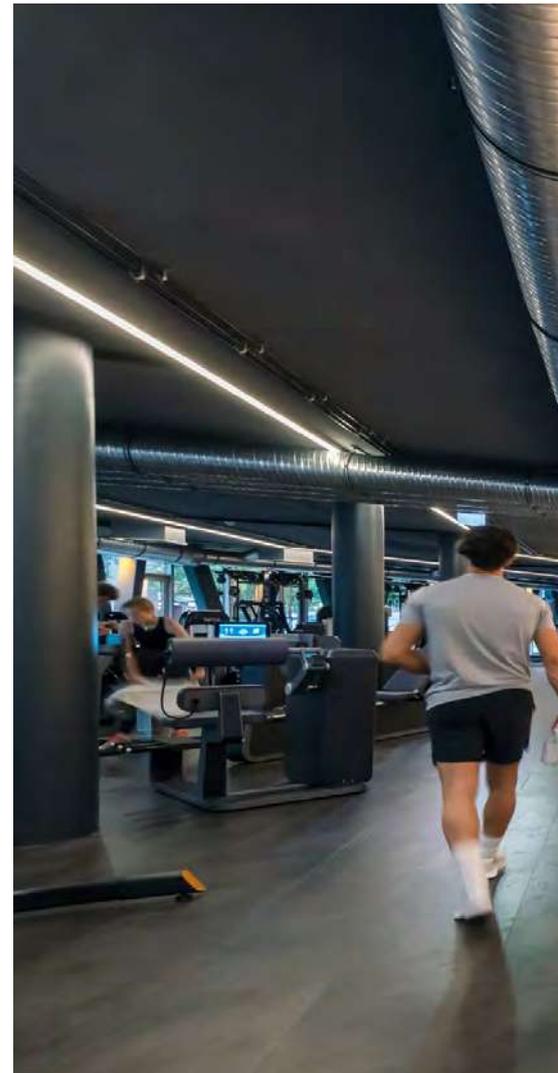
Prime Time fitness studio Hamburg-Winterhude

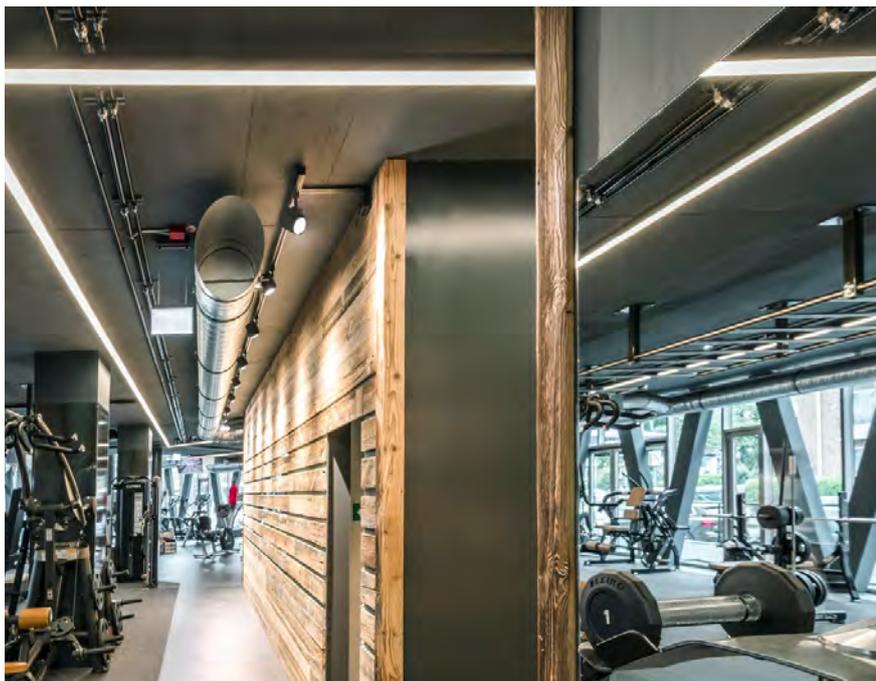
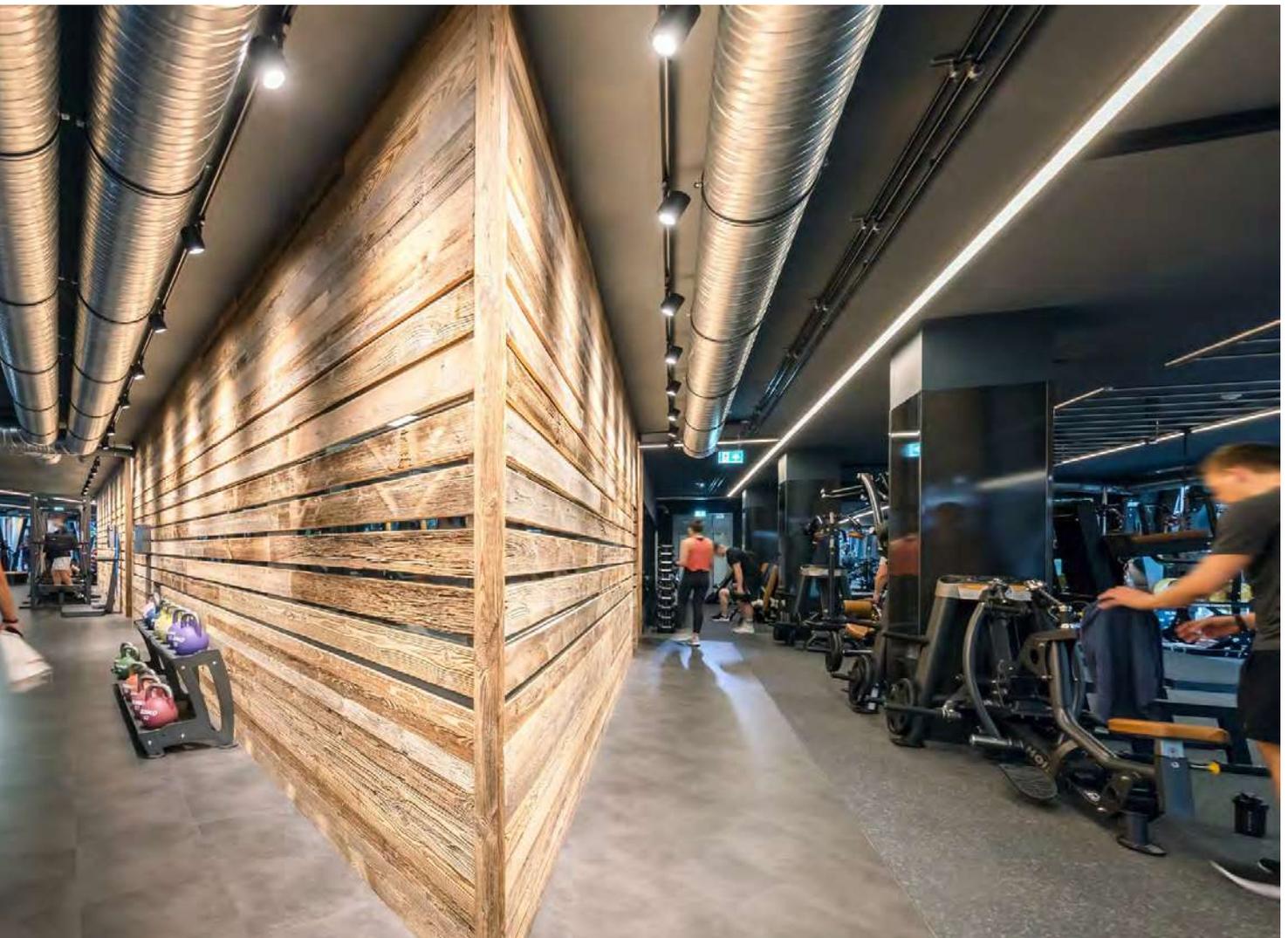
The requirement

Prime Time is positioned as a provider of premium gym facilities in attractive architecture and prime locations for a discerning clientele. The lighting technology, too, had to underline this claim.

The realisation

Just like the chain's newest fitness studio in Munich, Prime Time's Hamburg gym employs an innovative lighting concept featuring linear LED elements from PROLED throughout, all digitally connected to building services and the media control system. The back walls of the gym are accentuated with track lights from UNI-BRIGHT.





Photos: Frieder-Blickle

**PRIME TIME
FITNESS STUDIO**

—
Dorotheenstraße 84
22301 Hamburg

Fairmas Offices

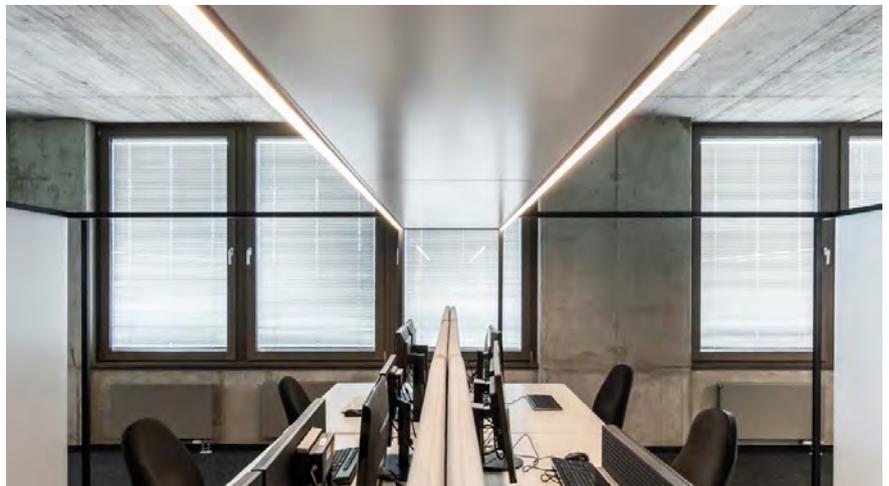
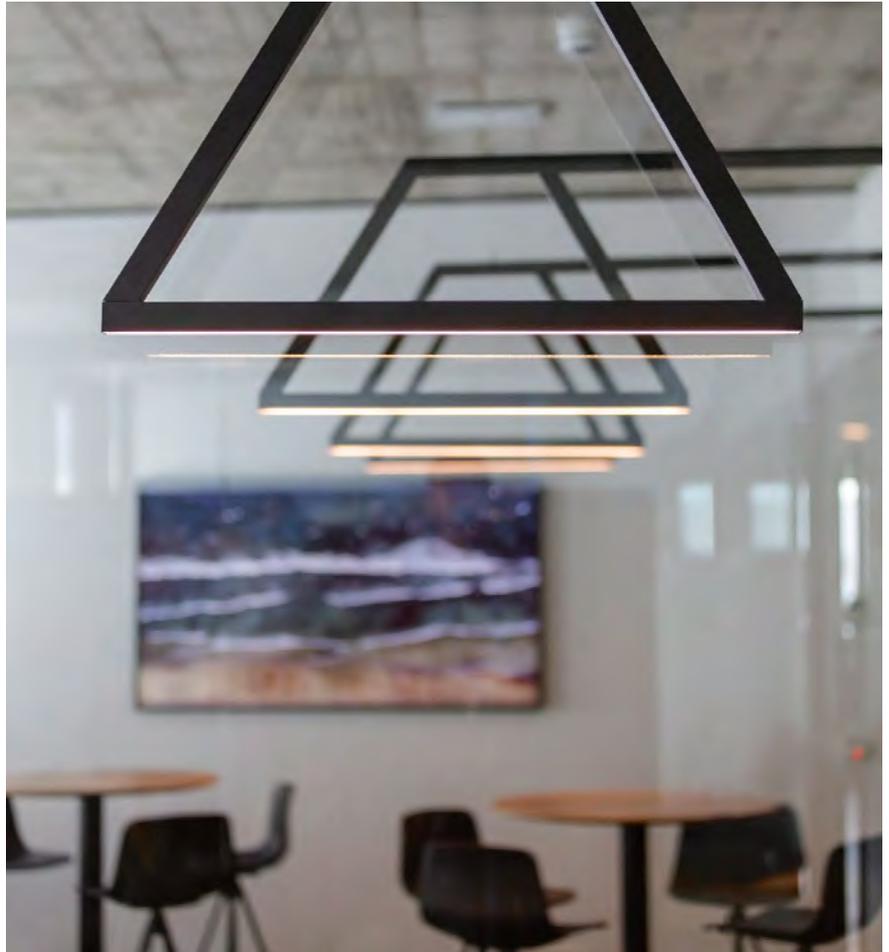
EUREF-Campus Berlin

The brief

An ambitious design concept for the new, representative offices was developed in workshops with decision-makers and staff from within the customer's organisation. Our brief was to use colour and light to create new room structures, change proportions and set accents with linear lighting elements without interfering with the existing walls and ceilings.

The solution

To achieve the desired effects, the interior designers used light profiles from PROLED. The 'meet, greet and eat' area features five large, eye-catching contour lights. They are constructed out of PROLED profiles and replicate in stylised fashion the shape of oversized desk lamps.



FAIRMAS OFFICES

EUREF-Campus 13
10829 Berlin

Photos: Frieder Blickle

New National Gallery Berlin



Photo: Stefan Lucke

The challenge

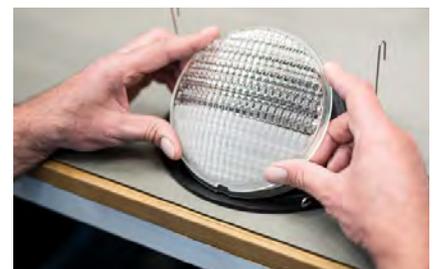
After almost 50 years of intensive use, the complete renovation of this architectural masterpiece was on the cards. The appearance of the listed building was not to be changed, not even by the lighting installations. The brief was to integrate the existing technology as far as possible in order to conserve resources and preserve the original design.

NEW NATIONAL GALLERY

Potsdamer Str. 50
10785 Berlin

The result

For the extensive redesign of the luminaires, the lighting designers found an expert partner in mawa with its knowledge of museum lighting and extensive experience in the illumination of architectural monuments. mawa also has its own production facility with a high level of vertical integration, where several thousand original luminaires in various states of repair have been refurbished and converted. The mawa factory uses 3D printers, CNC technology and aluminium casting, among other methods, to manufacture any special parts that are no longer available.





The 'team' comes before the 'light'.

Your team goes by the name of light, or 'licht': What is the approach of team light?

Our lighting concepts centre on the architecture, the core of the building. We strive to grasp its essence and its expression and to use light to add something more to it, to take it to the next level.

What makes Hauke Giesecke and his team so successful?

Human interaction is an essential element of success. That is why we say the 'team' comes before the 'light'. It's about working together. It's about understanding the other person's expertise as an extension of your own.

At what point does the lighting designer become a shining light?

When what they do is like a golden thread running through the rooms without overriding the building itself.

What is the latest trend in lighting design?

Many of our clients are more focused on creating a good lighting ambience than on what the luminaires look like. I see that as a trend. The perception of our customers has changed. They have a greater awareness of the effect of light.

What criteria do you use to select the manufacturers you work with?

When we draw up our lighting designs, we plan in luminaires from manufacturers we know will deliver the promised quality. The criteria always depend on what our lighting concepts call for. We define the technical specifications a luminaire needs to fulfil and what kind of lighting atmosphere we want to achieve with it. Then we select a manufacturer that meets these parameters.

What added value can manufacturers bring to lighting projects?

Besides the products, having reliable support is very important to us. Not just from the sales rep who visits us, but from the back office staff, too, with their technical and commercial support. That they are responsive and engaged is also crucial in situations that are all about performance. Added to that, it is key for the profile luminaires to be precisely configured to what we need. Life on a construction site is normally pretty hectic, so having predefined profile luminaires that come ready to plug in makes things much easier.

What is your vision?

My vision is that there will be more focus and awareness around the relevance of our discipline and that, in the process of developing a building, lighting design is seen for what it is: elementary.



HAUKE GIESECKE

It's about working together. About understanding the other person's expertise as an extension of your own.

Hauke Giesecke and his team licht are lighting designers with a passion. They boast an impressive list of national and international reference clients.

Team licht designs lighting for indoor and outdoor use. They use what's known as a figure ground diagram to map the basic design concept and visualise the different lighting areas for the outdoor space in a neighbourhood.

| www.teamlicht.de





Our standards are high

That is why our LED products are regularly tested and evaluated in our in-house photometry lab.

Quality on the lighting test bench

‘It is our mission to be able to give our users recommendations that are 100% based on facts and not assumptions.’

Dr Hans Moritz Mangold,
Physicist and Head of the
Lighting Lab

The effect of good light is a lot about psychology.
The causes are a matter of physics.

Ask people ‘What is good light?’ and everyone will give a different answer from a different perspective – the physicist, the developer, the lighting designer, the architect, the electrician and the end customer. And they will all be right.

One thing is indisputable, though: The basis of good light is always high-grade technology. With LEDs, the difference in quality is not always visible at first glance. But it can be tested, measured and

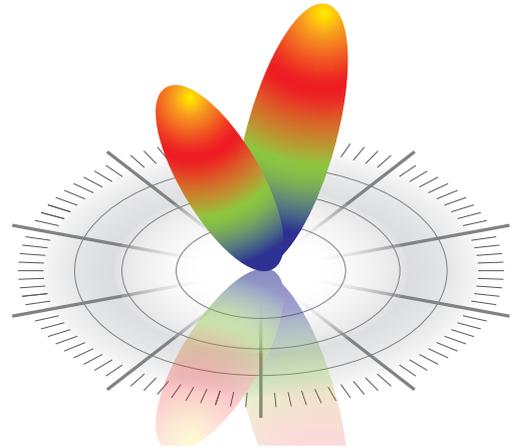
analysed – exactly what we do in our testing laboratory. This is where we ensure that each of our luminaires and components meets – or exceeds – our high requirements and diverse technical specifications.

What makes this quality assurance so important is that light and its effects impact everyone. We all come into contact with it in every aspect of our lives. And we want to make the experience an all-round positive one with our products.

Our photometry laboratory

1 The measurements

In our state-of-the-art photometry lab, we not only verify the fault-free functioning of our luminaires and all components – we also measure and test all relevant quality parameters such as power consumption and luminous flux, spectrum, colour temperature and colour rendering as well as flicker-free operation and glare.



All of that is very interesting in itself, but more important is what our customers get out of it:

2 The result

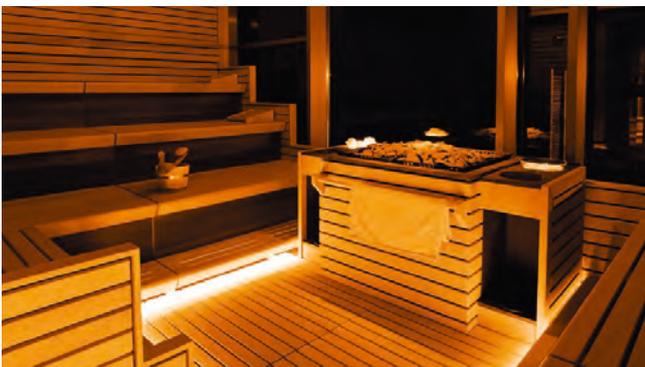
Good light which

- is technically accurate and sustainable,
- is completely harmless to health – even long term,
- does its job and puts things in a positive light,
- motivates and relaxes,
- makes people feel comfortable,
- is achievable and affordable.

Guaranteed protection ratings

We use standardised leak tests to test the suitability of all our outdoor and underwater products for operation in certain environmental conditions. The correct IP* rating is thus guaranteed.

*Ingress Protection



IP65

A pass in the IP65 test guarantees a product that is dust tight and protected against water jets.



IP67

Passing the IP67 test classifies a product as dust tight and protected against harmful ingress of water (temporary immersion in up to 50 cm of water for 30 minutes).



IP68

IP68 rated products are dust tight and can resist continuous immersion in water (based on underwater testing at a depth of 100 cm).



Load testing of all in-ground glass

We carry out extensive load tests on every production batch and every type of glass in order to be able to guarantee the specified point load and distributed load capacity of all products intended for in-ground installation.

Customer delight

We want you to be happy. That is what we work for. With extensive project consultancy that delivers real benefits and customer service that makes your work easier and protects your customers' investment.

CUSTOMISATION AND PLUG & PLAY READY



Of course, we can also customise our products for you – from aluminium profiles and plastic covers in whatever length you need to Flex Strips with individual cable input to functional plug & play units. We will be happy to give you a quote.

PHOTOMETRY CONFIGURATOR FOR LIGHTING CALCULATIONS



Our photometry configurator provides reliable data for your lighting calculations. For all our LED strips, in all combinations of profile, reflector, sliding base and cover, and in any length you need.

5-YEAR WARRANTY



We develop and produce our products with the greatest of care. All products are subject to strict quality controls. For most of our product portfolio, we therefore offer an extended warranty of 5 years on all products marked with the corresponding icon. For more information, see www.proled.com

MANUFACTURING, R&D, WAREHOUSING, TESTING LAB AND SUPPORT ALL IN-HOUSE



We are LED natives. Since the very start of PROLED, all significant units have been located here at head office in Friedberg. This ensures short distances, fast reactions and quick delivery times. And good answers and solutions to all your questions and challenges.

1



2



3



Light can do so much more than just shine

Good light is less a question of quantity and more a question of the forms, functions and qualities that lead to an excellent outcome through virtuoso interplay. This is how we interpret the American lighting designer Richard Kelly (1910–1977). He is considered one of the great pioneers of qualitative lighting design in architectural lighting and coined the terms ‘ambient luminescence’, ‘focal glow’ and ‘play of brilliants’.

1

Ambient luminescence Light to see with

This is the base layer of light providing general illumination of the surroundings. The role of ambient luminescence is to bathe the complete room, the objects and the people in it in functional light.

It facilitates orientation and safety – and enables activity. But it does not need to be cold and austere: it can make a good contribution to a pleasant atmosphere.

2

Focal glow Light to look at

‘Focal glow is the follow spot on the modern stage,’ said Richard Kelly. It is a directional light with much higher luminous intensity than general lighting. It draws attention to what is worth seeing and creates a dramatic composition to match

the chosen hierarchy of perception. In doing so, it puts objects, surfaces, structures and spaces centre stage. The luminaire itself recedes into the background as a mere lighting tool. The effect is what’s special.

3

Play of brilliants Light to focus on

This is light to focus on – it loves being the centre of attention. Although it contributes to the general illumination, it is first and foremost a decorative element in its own right. The icing on the cake of the lighting ensemble.

Its visual appeal comes from the design of the luminaire AND its effect. Decorative light sculptures create brilliant effects on illuminated materials. So they don’t (just) point to information – they are information themselves.



NEW PRODUCTS 2022

Linear is our passion

We are very attached to linear light. It can do so much, it's infinitely versatile and always creates a good atmosphere. Even so, it likes to take a back seat and put others in the spotlight. Linear light cuts a confident yet understated figure. It's a lot like us.





LINEAR LIGHTING | FLEX STRIPS

PROLED Flex Strip Opal Shape

Maximum design freedom with minimum effort? Here we go!
Shape is just crying out to be used in new and exciting ways to accentuate and dazzle.

- Endless design possibilities for light and luminaires
- Virtuoso combinations of lighting and luminaire design
- Can be suspended or hung vertically, horizontally and in virtually any shape
- Wide range of mounting materials, incl. polycarbonate tubes and suspension aids
- Homogeneous 360° light emission
- Usable in any length up to 5 m
- Dimmable with suitable PWM dimmers
- We can't wait to see what you do with them!





PROLED Flex Strip Opal

Shape

IP rating: IP54

Power source: 24 VDC

Electrical connection: 1x cable to open wires; 2-pin; 50 cm
CRI: 90

Max. power consumption per reel: 72 W

Power consumption per m: 14.4 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L₈₀/B₁₀

Operating temperature range: -10°C to 45°C

Dimensions: 5000 x 25 mm (l x d)

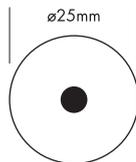
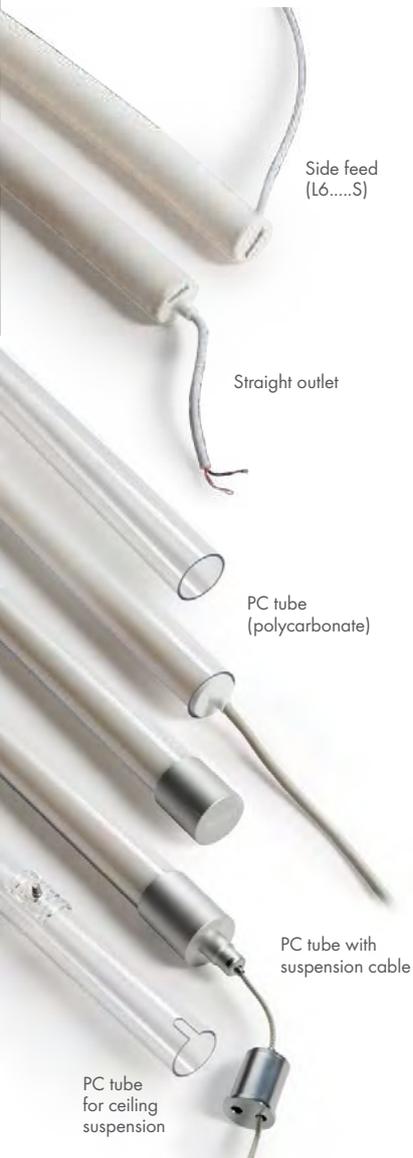
Min. bending radius: 20 mm

Cutting intervals: 12 mm

No. LEDs per m: 336

Product weight: 2,90 kg

 Beam angle 360°

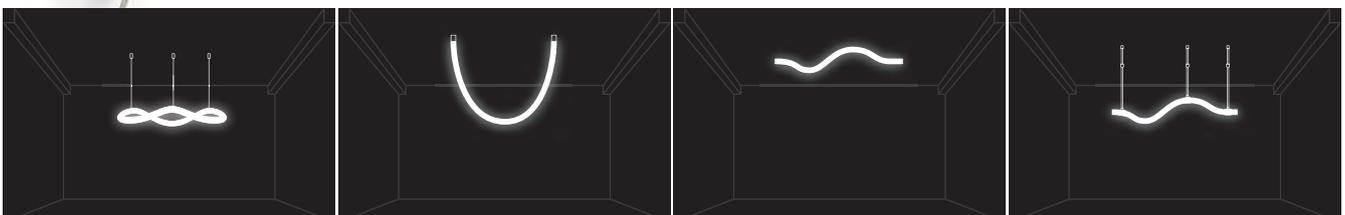


| | | | | | |
|-----------------|------------------|--------|-----------|---------|---|
| L6OP708S | neutral white | 4000 K | 1200 lm/m | 83 lm/W | F |
| L6OP708 | neutral white | 4000 K | 1200 lm/m | 83 lm/W | F |
| L6OP706S | warm white | 3000 K | 1100 lm/m | 76 lm/W | F |
| L6OP706 | warm white | 3000 K | 1100 lm/m | 76 lm/W | F |
| L6OP726S | super warm white | 2700 K | 1000 lm/m | 69 lm/W | F |
| L6OP726 | super warm white | 2700 K | 1000 lm/m | 69 lm/W | F |

L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals.
See main catalogue for more information on special lengths and customising.

*With correct installation and suitable thermal management.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.





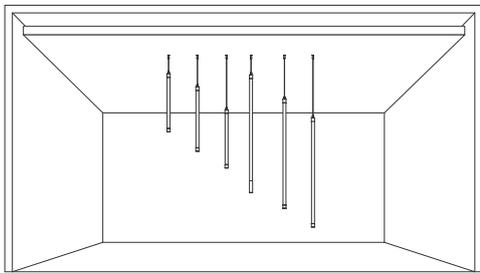
PROLED Flex Strip Opal
Shape END CAP

L6OP7A01 End caps (set of 2x 5 pcs)



PROLED Flex Strip Opal
Shape CLIP TRANS

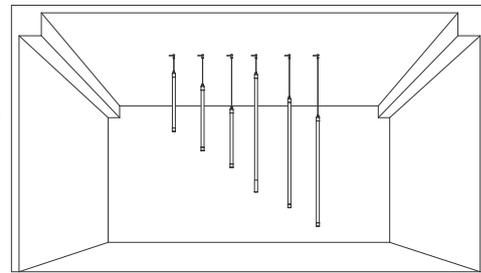
L6OP7A02 Mounting clips (set of 10 pcs incl. screws)



PROLED Flex Strip Opal
Shape V Kit 1000



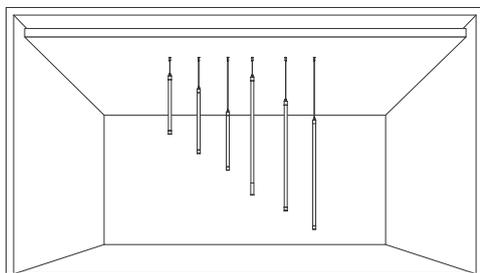
L6OP7A03 For suspended ceilings, kit consisting of suspension cable (max. 2 m) + PC tube, length: 1000 mm



PROLED Flex Strip Opal
Shape V Kit 1000



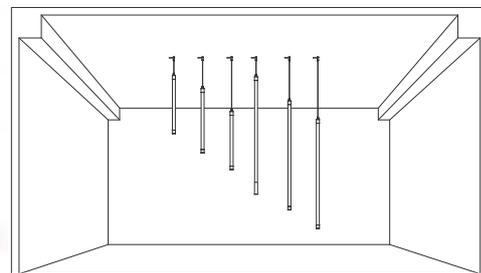
L6OP7A03S For concrete ceilings, kit consisting of suspension cable (max. 2 m) + PC tube, length: 1000 mm



PROLED Flex Strip Opal
Shape V Kit 2500



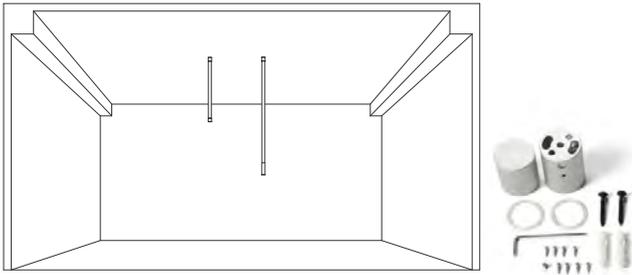
L6OP7A04 For suspended ceilings, kit consisting of suspension cable (max. 2 m) + PC tube, length: 2500 mm



PROLED Flex Strip Opal
Shape V Kit 2500

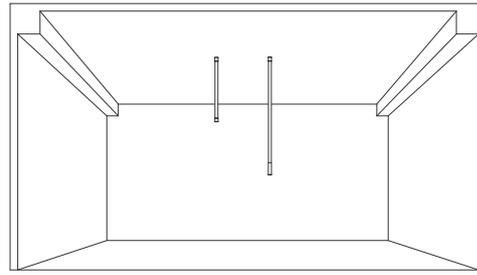


L6OP7A04S For concrete ceilings, kit consisting of suspension cable (max. 2 m) + PC tube, length: 2500 mm



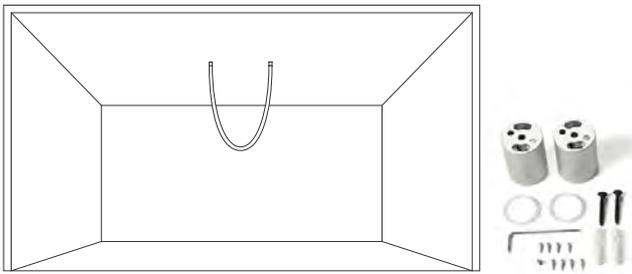
PROLED Flex Strip Opal
Shape S Kit 1000

L6OP7A05 Kit consisting of holder + PC tube,
length: 1000 mm



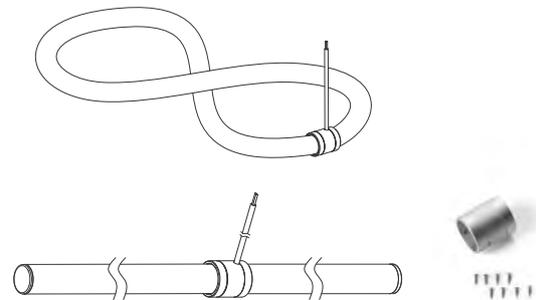
PROLED Flex Strip Opal
Shape S Kit 2500

L6OP7A06 Kit consisting of holder + PC tube,
length: 2500 mm



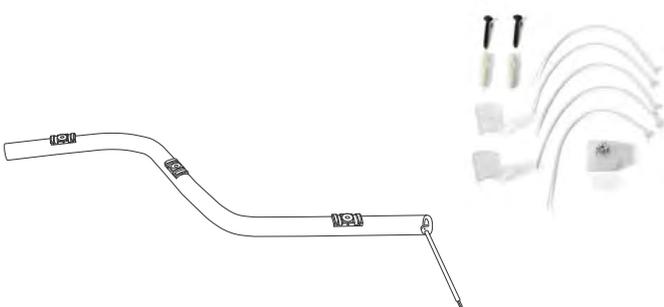
PROLED Flex Strip Opal
Shape S Kit DUAL

L6OP7A07 Set of 2 holders



PROLED Flex Strip Opal
Shape SPLICER

L6OP7A08



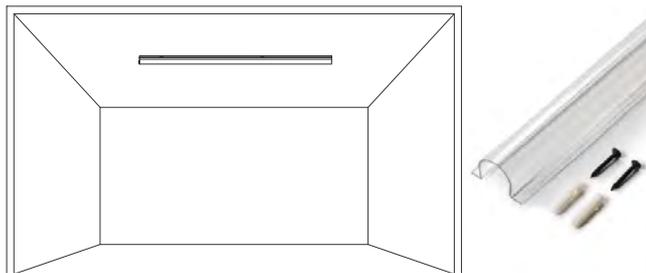
PROLED Flex Strip Opal
Shape BRACKET

L6OP7A12 Bracket for invisible mounting,
kit consisting of 2 pcs incl. screws



PROLED Flex Strip Opal
Shape SUSP 1000

L6OP7A10 Kit consisting of 2 suspension cables + PC tube incl.
screws, length: 1000 mm



PROLED Flex Strip Opal
Shape SURFACE M

L6OP7A09 1 m incl. screws



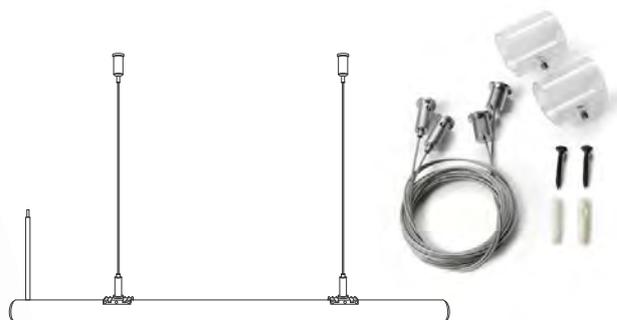
PROLED Flex Strip Opal
Shape SUSP 2500

L6OP7A11 Kit consisting of 4 suspension cables + PC tube
incl. screws, length: 2500 mm



PROLED Flex Strip Opal
Shape WAVE KIT

L6OP7A13 For rigid suspension, kit consisting of rod + holder
incl. screws



PROLED Flex Strip Opal
Shape CABLE KIT

L6OP7A14 Kit consisting of 2 suspension cables + 2 holders
incl. screws



PROLED Flex Strip Opal
Shape GLUE

L6OP7A15 10 ml



PROLED Flex Strip Opal
Shape SCISSORS

L6OP7A16





LINEAR LIGHTING | FLEX STRIPS

PROLED Flex Strip Wall

The idea: to present structures and walls in the best light with little effort. Horizontal, vertical, sculptural.
The compact solution with incredible potential: Wall.



- For grazing light with incredible range
- An amazingly simple solution with an impressive effect: enormously versatile
- For all vertical surfaces in interior and exterior architecture
- Ideal for staging vertical structures, perfectly emphasising their three-dimensionality
- Special accentuation of surface textures
- Flexible and extremely bendy with optional top or side bend
- For indoor and outdoor use (IP65)
- With or without aluminium profile
- Available in three different beam angles: 30°, 45°, 60°



PROLED Flex Strip

Wall (grey)

IP rating: IP65 (for outdoor use)**

Power source: 24 VDC

Electrical connection: 2x cable with female connector; 2-pin; 20 cm

CRI: 90

Max. power consumption per reel: 90 W

Power consumption per m: 18 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L_{80}/B_{10}

Operating temperature range: -10°C to 45°C

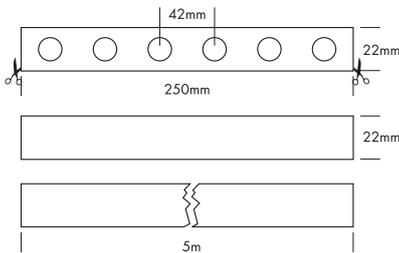
Dimensions: 5000 x 22 x 22 mm (l x w x h)

Min. bending radius: 100 mm

Cutting intervals: 250 mm

No. LEDs per m: 24

Product weight: 2,00 kg



| | | | | | | |
|----------------|--------------------|--------|-----------|---------|---|-------|
| L15G043 | ○ white | 6000 K | 1700 lm/m | 94 lm/W | E | ▲ 30° |
| L15G044 | ○ white | 6000 K | 1700 lm/m | 94 lm/W | E | ▲ 45° |
| L15G046 | ○ white | 6000 K | 1700 lm/m | 94 lm/W | E | ▲ 60° |
| L15G083 | ○ neutral white | 4000 K | 1700 lm/m | 94 lm/W | E | ▲ 30° |
| L15G084 | ○ neutral white | 4000 K | 1700 lm/m | 94 lm/W | E | ▲ 45° |
| L15G086 | ○ neutral white | 4000 K | 1700 lm/m | 94 lm/W | E | ▲ 60° |
| L15G063 | ● warm white | 3000 K | 1500 lm/m | 83 lm/W | E | ▲ 30° |
| L15G064 | ● warm white | 3000 K | 1500 lm/m | 83 lm/W | E | ▲ 45° |
| L15G066 | ● warm white | 3000 K | 1500 lm/m | 83 lm/W | E | ▲ 60° |
| L15G263 | ● super warm white | 2700 K | 1500 lm/m | 83 lm/W | F | ▲ 30° |
| L15G264 | ● super warm white | 2700 K | 1500 lm/m | 83 lm/W | F | ▲ 45° |
| L15G266 | ● super warm white | 2700 K | 1500 lm/m | 83 lm/W | F | ▲ 60° |

L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising. PROLED offers customisation to the required length with professional sealing of the junction to maintain the protection rating.

*With correct installation and suitable thermal management.

** Supply connectors/end caps IP65 if correctly sealed.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



Order power supply separately

PROLED Flex Strip

Wall (white)



IP rating: IP65 (for outdoor use)**

Power source: 24 VDC

Electrical connection: 2x cable with female connector; 2-pin; 20 cm

CRI: 90

Max. power consumption per reel: 90 W

Power consumption per m: 18 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L_{80}/B_{10}

Operating temperature range: -10°C to 45°C

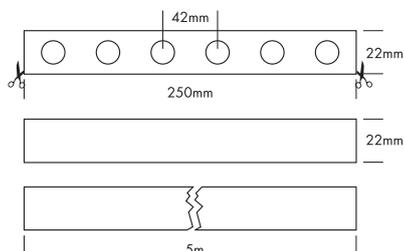
Dimensions: 5000 x 22 x 22 mm (l x w x h)

Min. bending radius: 100 mm

Cutting intervals: 250 mm

No. LEDs per m: 24

Product weight: 2,00 kg



| | | | | | | |
|----------------|--------------------|--------|-----------|----------|---|-------|
| L15W043 | ○ white | 6000 K | 2100 lm/m | 117 lm/W | E | ▲ 30° |
| L15W044 | ○ white | 6000 K | 2100 lm/m | 117 lm/W | E | ▲ 45° |
| L15W046 | ○ white | 6000 K | 2100 lm/m | 117 lm/W | E | ▲ 60° |
| L15W083 | ○ neutral white | 4000 K | 2100 lm/m | 117 lm/W | E | ▲ 30° |
| L15W084 | ○ neutral white | 4000 K | 2100 lm/m | 117 lm/W | E | ▲ 45° |
| L15W086 | ○ neutral white | 4000 K | 2100 lm/m | 117 lm/W | E | ▲ 60° |
| L15W063 | ● warm white | 3000 K | 1900 lm/m | 106 lm/W | E | ▲ 30° |
| L15W064 | ● warm white | 3000 K | 1900 lm/m | 106 lm/W | E | ▲ 45° |
| L15W066 | ● warm white | 3000 K | 1900 lm/m | 106 lm/W | E | ▲ 60° |
| L15W263 | ● super warm white | 2700 K | 1900 lm/m | 106 lm/W | F | ▲ 30° |
| L15W264 | ● super warm white | 2700 K | 1900 lm/m | 106 lm/W | F | ▲ 45° |
| L15W266 | ● super warm white | 2700 K | 1900 lm/m | 106 lm/W | F | ▲ 60° |

L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising. PROLED offers customisation to the required length with professional sealing of the junction to maintain the protection rating.

*With correct installation and suitable thermal management.

**Supply connectors/end caps IP65 if correctly sealed.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



Order power supply separately



PROLED Flex Strip

● Wall input cable B (black)

L15ZA01B Connection cable with male connector to open wires



PROLED Flex Strip

○ Wall connection cable set W

L15ZA02W Kit consisting of 1x connection cable with female connector to open wires + end caps, side feed

PROLED Flex Strip

○ Wall input cable W (white)

L15ZA01W Connection cable with male connector to open wires

PROLED Flex Strip

● Wall connection cable set B

L15ZA02B Kit consisting of 1x connection cable with female connector to open wires + end caps, side feed



PROLED Flex Strip

Wall bracket transparent

L15ZA03 Set of 2 pcs incl. screws Plastic



PROLED Flex Strip

○ Wall clip W

L15ZA04W Set of 2 pcs incl. screws Stainless steel

PROLED Flex Strip

● Wall clip B

L15ZA04B Set of 2 pcs incl. screws Stainless steel



PROLED Flex Strip

● Wall bracket rotating B

L15ZA05B Rotating bracket for clip or aluminium profile Aluminium

PROLED Flex Strip

○ Wall bracket rotating W

L15ZA05W Rotating bracket for clip or aluminium profile Aluminium



PROLED Flex Strip

Wall bracket bendable 5 m

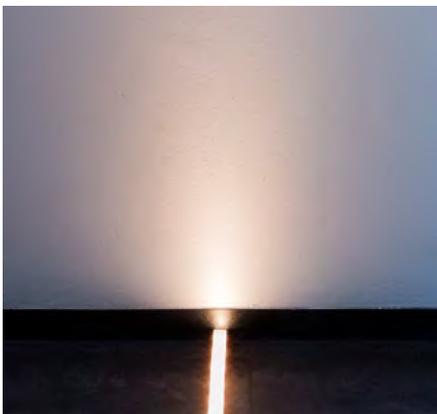
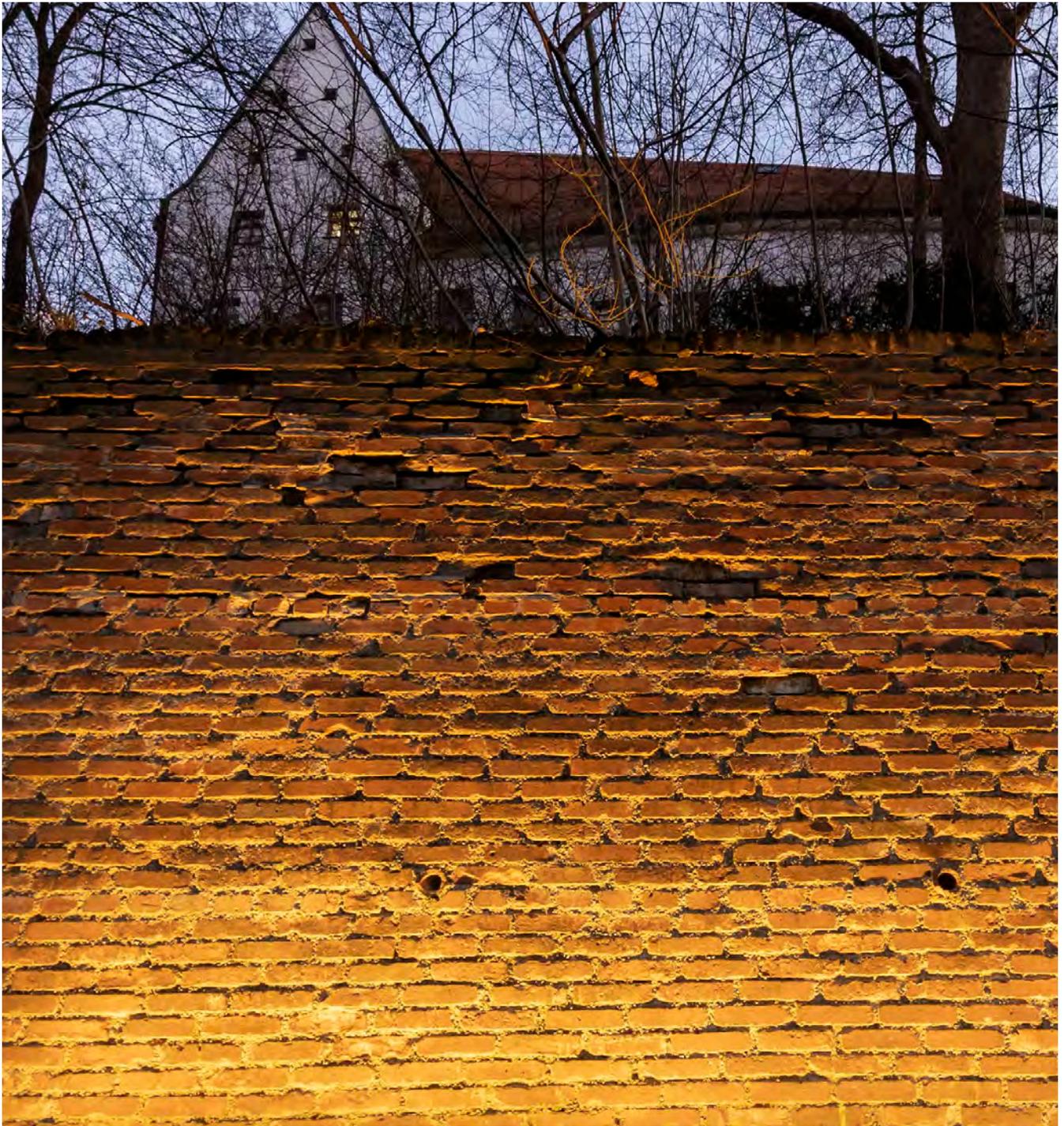
L15ZA06 Bendable profile, stainless steel, 5000 mm



PROLED Flex Strip

Wall aluminium profile 1 m

L15ZA07 Aluminium profile, 1000 mm



Beam angle 30°



Beam angle 45°



Beam angle 60°



LINEAR LIGHTING | FLEX LINE

PROLED Flex Line Porter

Free-floating light, independent of the room's capacity – that's the Porter for you.

- Smart and versatile easy-mounting system for almost every Flex Strip in our range
- For creative room or accent lighting and design
- Combines classic and modern with a purist touch
- High impact with low planning effort and budget requirements
- Can also be used as room dividers
- Flexible mounting in any direction – vertical, horizontal or diagonal
- Up to 20 metres in length, depending on the PROLED Flex Strip used
- Perfect in lofts, vaults, staircases and rooms with high ceilings
- Power supply can be customised
- Optionally available with 360° light emission





● Side with black finish

● Side with aluminium finish

A spring steel strip serves as a platform for the optionally available LED strips. Depending which side the Flex Strips are glued onto, the aluminium or black finished side of the spring steel strip is visible after installation.

PROLED Flex Line

Porter

Kit consisting of two holders with connection clamps incl. screws, matching connection cables with plugs, two shrink tubes, scissors, protective gloves, suspension cable to cut to length and 20 mm wide spring steel strip with one black and one silver side.

Material of spring steel strip: spring steel

Colour of spring steel strip: black / silver

Width of spring steel strip: 20 mm

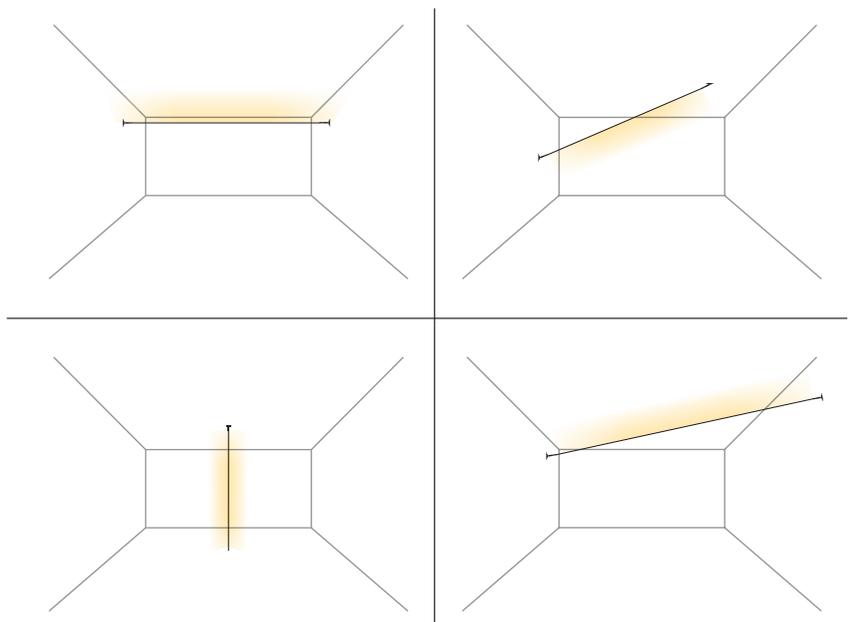
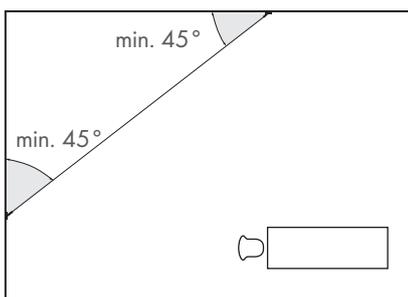
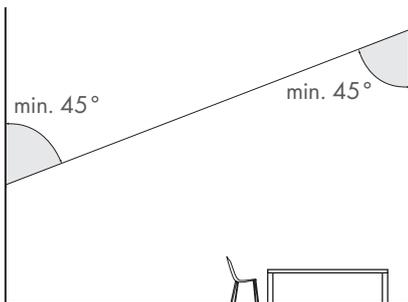
Material of holder: aluminium

Colour of holder: black

Dimensions of holder: 35 x 130 mm (w x h)

| | | | |
|----------|----------------------------|------|---------|
| L6C0600B | PROLED Flex Line Porter 6 | 6 m | 0.85 kg |
| L6C1200B | PROLED Flex Line Porter 12 | 12 m | 1.22 kg |
| L6C2000B | PROLED Flex Line Porter 20 | 20 m | 1.72 kg |

! The Porter is a fully equipped mounting kit for the creative installation of LED strips. Please note that LED strips can be freely selected according to your needs and are not included in the Porter kit.



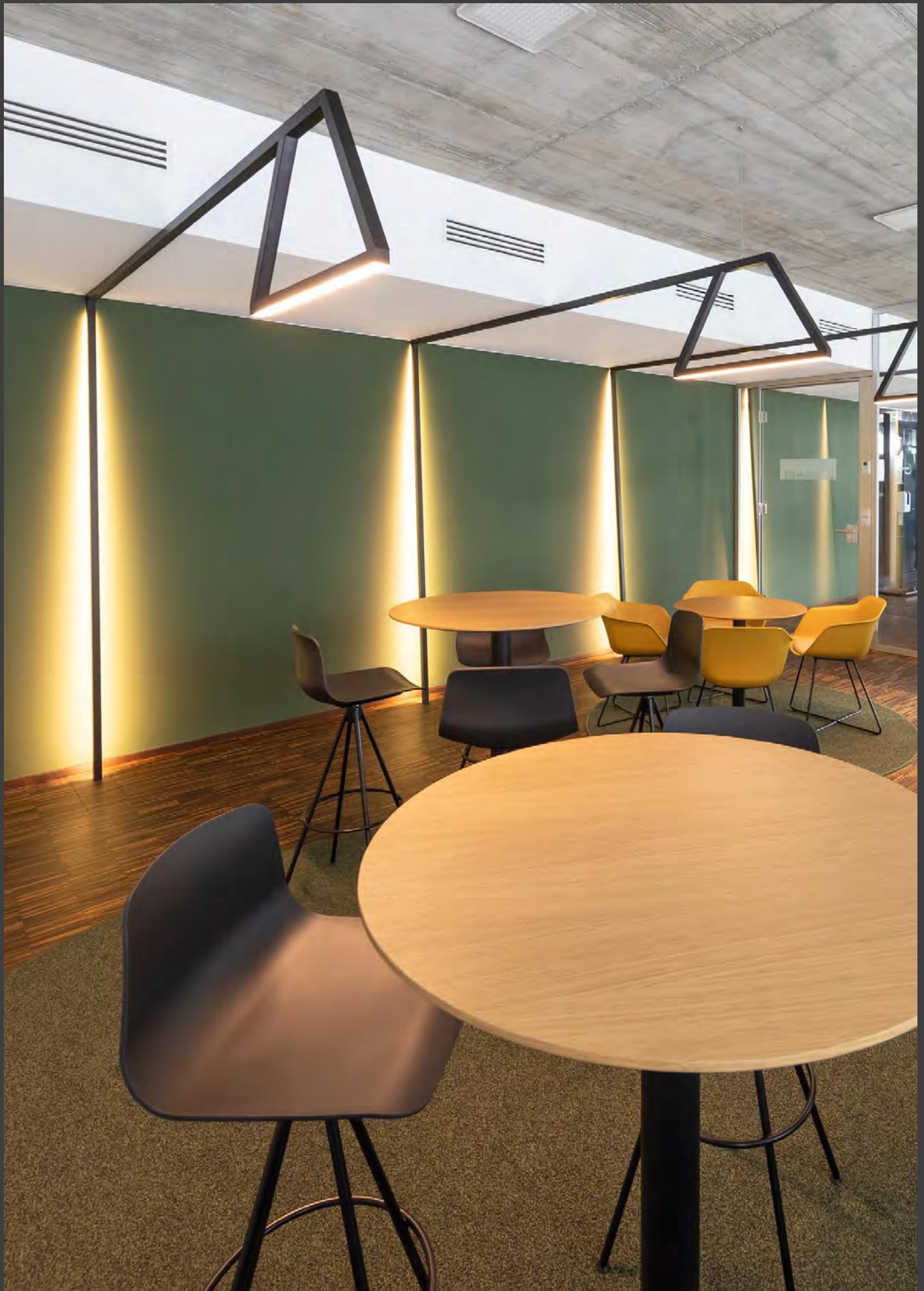


Photo: Frieder-Blickle

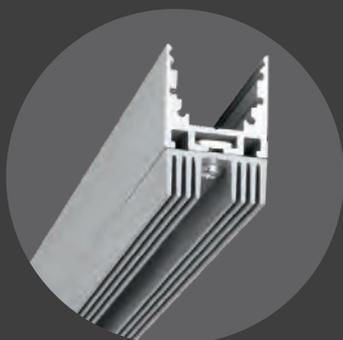
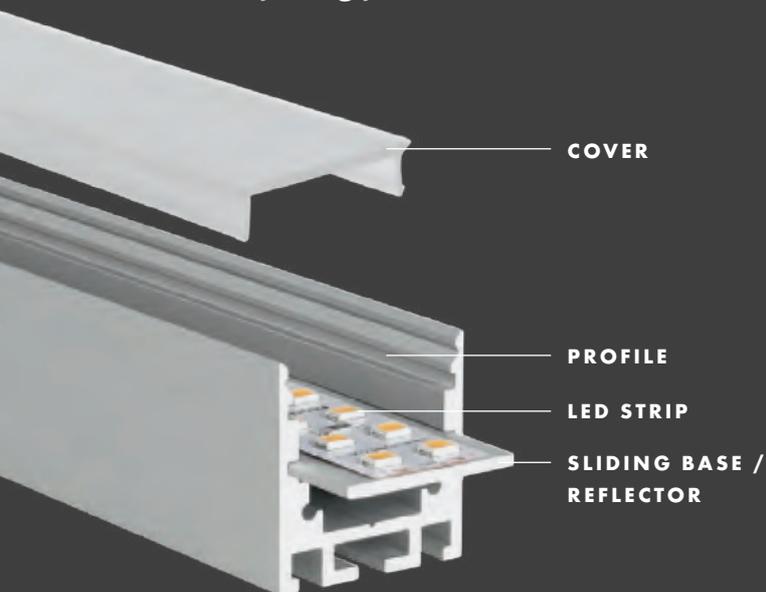


LINEAR LIGHTING | FLEX STRIPS

PROLED Flex Strips

Linear light at its best

Linear light is the basis for many an ambitious lighting concept. If you want to emphasise room structures, change perceptions, create a mood, accentuate a background, structure a façade and inspire people, you will find everything you need here.



Light in profile

Our Flex Strips reveal their full effect from inside the aluminium profiles. Beam angles can be varied with different covers.

An optional heat sink ensures optimal temperature management, especially when using more powerful LED strips.



- Some 1000 different variants
- For a wide range of applications such as hospitality, wellness & fitness, office, retail, public space, culture, home; indoor and outdoor
- For the full spectrum of linear light challenges
- For almost any type of lighting, indoor and outdoor
- Also for special use cases, such as lighting food
- All relevant IP ratings up to IP68
- Cuttable from 10 mm
- Up to 20 m length per power input
- High lumen output up to 5200 lm/m
- High efficiency up to 160 lm/Watt
- RGB + WW + CW in one strip
- From 2100 K
- Up to CRI 98
- Dim-to-warm



The required accessories – such as power supplies – are always listed in the catalogue under this plus sign.

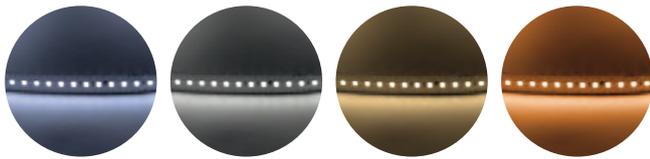


LINEAR LIGHTING | FLEX STRIPS

PROLED Flex Strip Xtend

All the advantages of the Flex Strips extended up to 20 m long. The Xtend is perfect when you have large rooms and long walls to illuminate with continuous light quality.

- Excellent light quality and colour rendering, and – thanks to 48-volt technology – uniform dimming over the entire length
- Perfect for halls, corridors and long walls
- Suitable as ambient lighting, orientation and accent lighting
- Only one power feed needed for a length of 20 m
- Significantly reduced installation effort
- Dimmable with suitable PWM dimmers



PROLED Flex Strip

Xtend Mono

IP rating: IP20

Power source: 48 VDC

Electrical connection: 2x cable to open wires; 2-pin; 30 cm

CRI: 90

Max. power consumption per reel: 300 W

Power consumption per m: 15 W/m

Max. quantity per power input: 20 m

Average lifetime*: 50.000 h at L_{80}/B_{10}

Operating temperature range: -10°C to 45°C

Dimensions: 20000 x 14 x 1,6 mm (l x w x h)

Min. bending radius: 20 mm

Cutting intervals: 100 mm

No. LEDs per m: 130

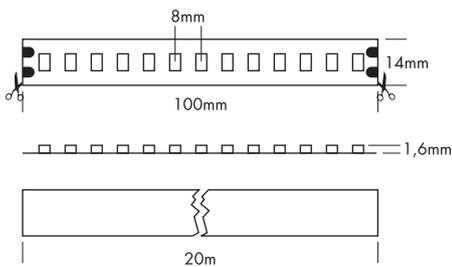
Product weight: 0,48 kg



Warranty



Beam angle 120°



| | | | | | |
|----------------|--------------------|--------|-----------|----------|---|
| L6V4804 | ○ white | 6000 K | 1600 lm/m | 107 lm/W | F |
| L6V4808 | ○ neutral white | 4000 K | 1500 lm/m | 100 lm/W | F |
| L6V4806 | ● warm white | 3000 K | 1450 lm/m | 97 lm/W | F |
| L6V4826 | ● super warm white | 2700 K | 1400 lm/m | 93 lm/W | F |

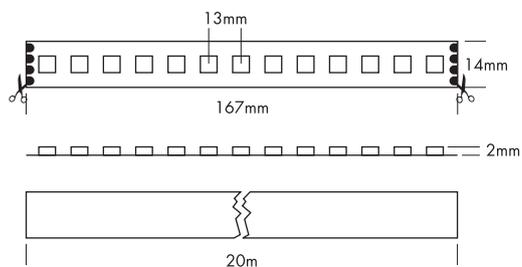
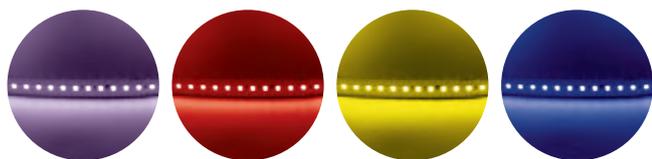
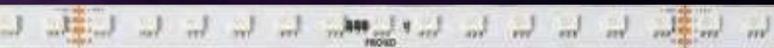
L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals.
See main catalogue for more information on special lengths and customising.

*With correct installation and suitable thermal management.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



See main catalogue for accessories
Order power supply separately



PROLED Flex Strip

Xtend RGB

IP rating: IP20

Power source: 48 VDC

Electrical connection: 2x cable to open wires; 4-pin; 30 cm

Max. power consumption per reel: 200 W

Power consumption per m: 10 W/m

Max. quantity per power input: 20 m

Average lifetime*: 50.000 h at L₈₀/B₁₀

Operating temperature range: -10°C to 45°C

Dimensions: 20000 x 14 x 2 mm (l x w x h)

Min. bending radius: 20 mm

Cutting intervals: 167 mm

No. LEDs per m: 78

Product weight: 0,53 kg



Warranty



Beam angle 120°

| L6V4800 | RGB | 490 lm/m | 49 lm/W | G |
|---------|-------|----------|---------|---|
| | red | 120 lm/m | | |
| | green | 300 lm/m | | |
| | blue | 70 lm/m | | |



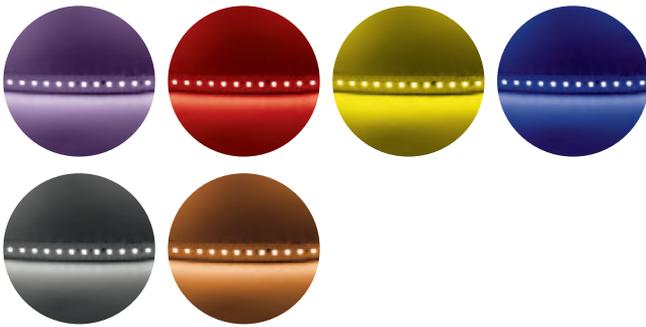
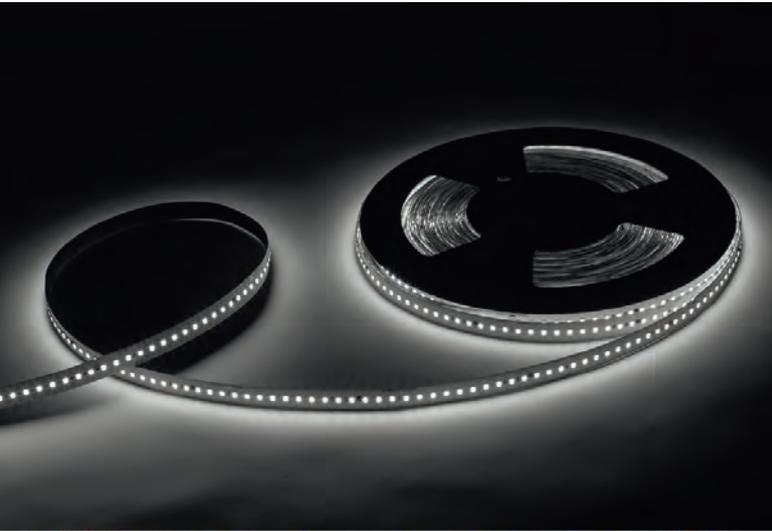
See main catalogue for accessories
Order power supply separately

L.....Z

per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

*With correct installation and suitable thermal management.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



| L6V48D826 | RGBW | 840 lm/m | 65 lm/W | G |
|-----------|-------------------------|----------|---------|---|
| | red | 120 lm/m | | |
| | green | 300 lm/m | | |
| | blue | 70 lm/m | | |
| | super warm white 2700 K | 350 lm/m | | |

PROLED Flex Strip

Xtend RGBW

IP rating: IP20

Power source: 48 VDC

Electrical connection: 2x cable to open wires; 5-pin; 30 cm

CRI: 80

Max. power consumption per reel: 260 W

Power consumption per m: 13 W/m

Max. quantity per power input: 20 m

Average lifetime*: 50.000 h at L_{80}/B_{10}

Operating temperature range: -10°C to 45°C

Dimensions: 20000 x 14 x 2 mm (l x w x h)

Min. bending radius: 20 mm

Cutting intervals: 167 mm

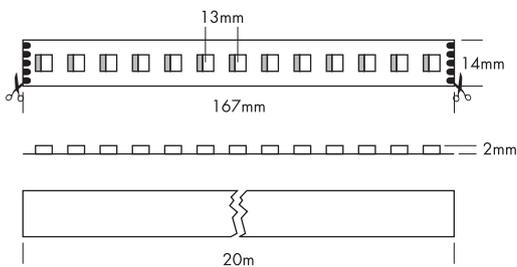
No. LEDs per m: 78

Product weight: 0,53 kg

5 YEARS Warranty

Beam angle 120°

| L6V48D808 | RGBW | 840 lm/m | 65 lm/W | G |
|-----------|----------------------|----------|---------|---|
| | red | 120 lm/m | | |
| | green | 300 lm/m | | |
| | blue | 70 lm/m | | |
| | neutral white 4000 K | 350 lm/m | | |



See main catalogue for accessories
Order power supply separately

L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

*With correct installation and suitable thermal management.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



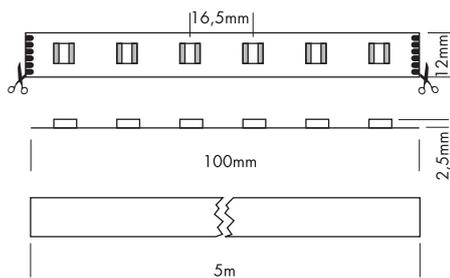
LINEAR LIGHTING | FLEX STRIPS

PROLED Flex Strips RGB/RGBW/RGB+CCT

RGB LEDs bring colour and effects into accentuated room design with linear light.

- Uniform colour mixing with three colours in one LED chip
- Dimmable with suitable PWM dimmers
- Colour change programmable with suitable controllers
- Pastel shades (in combination with white) can be produced; can also be used in true white (RGBW)
- Colour of light can be changed depending on the time of day: from warm and reddish in the morning to bluish at midday to reddish-orange in the late afternoon (RCB-CCT)

Photo: Frieder Blickle



PROLED Flex Strip

RGB+CCT 5-IN-1

IP rating: IP20

Power source: 24 VDC

Electrical connection: 2x cable to open wires; 6-pin; 30 cm

CRI: 80

Max. power consumption per reel: 120 W

Power consumption per m: 24 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L_{80}/B_{10}

Operating temperature range: -10°C to 45°C

Dimensions: 5000 x 12 x 2,5 mm (l x w x h)

Min. bending radius: 20 mm

Cutting intervals: 100 mm

No. LEDs per m: 60

Product weight: 0,15 kg



Warranty



Beam angle 120°

| L65D906 | RGB+CCT | 1600 lm/m | 67 lm/W | G |
|---------|-------------------|-----------|---------|---|
| | red | 190 lm/m | | |
| | green | 350 lm/m | | |
| | blue | 80 lm/m | | |
| | white 6500 K | 550 lm/m | | |
| | warm white 2400 K | 450 lm/m | | |

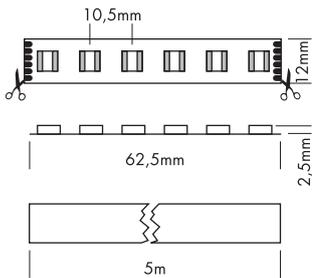
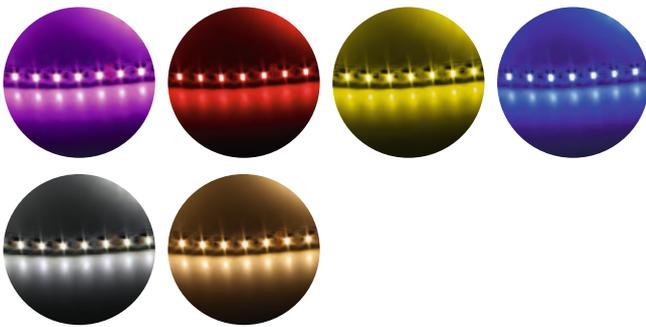
L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

*With correct installation and suitable thermal management.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



See main catalogue for accessories
Order power supply separately



PROLED Flex Strip

HD RGB+CCT 5-IN-1

IP rating: IP20

Power source: 24 VDC

Electrical connection: 2x cable to open wires; 6-pin; 30 cm

CRI: 80

Max. power consumption per reel: 190 W

Power consumption per m: 38 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L_{80}/B_{10}

Operating temperature range: -10°C to 45°C

Dimensions: 5000 x 12 x 2,5 mm (l x w x h)

Min. bending radius: 20 mm

Cutting intervals: 62,5 mm

No. LEDs per m: 96

Product weight: 0,11 kg

5
YEARS Warranty

 Beam angle 120°

| L65D906HD | RGB+CCT | 2230 lm/m | 59 lm/W | G |
|-----------|-------------------|-----------|---------|---|
| | red | 200 lm/m | | |
| | green | 530 lm/m | | |
| | blue | 100 lm/m | | |
| | white 6500 K | 750 lm/m | | |
| | warm white 2400 K | 650 lm/m | | |

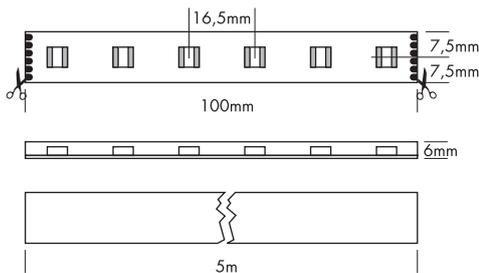
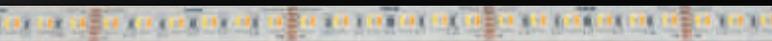
L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

*With correct installation and suitable thermal management.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



See main catalogue for accessories
Order power supply separately



PROLED Flex Strip

IP68 RGB+CCT 5-IN-1

IP rating: IP68**

Power source: 24 VDC

Electrical connection: 1x cable with male connector; 6-pin; 30 cm

CRI: 80

Max. power consumption per reel: 120 W

Power consumption per m: 24 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L_{80}/B_{10}

Operating temperature range: -10°C to 45°C

Dimensions: 5000 x 15 x 6 mm (l x w x h)

Min. bending radius: 20 mm

Cutting intervals: 100 mm

No. LEDs per m: 60

Product weight: 0,51 kg

 Beam angle 120°

| L65D5906 | RGB+CCT | 1450 lm/m | 60 lm/W | G |
|----------|-------------------|-----------|---------|---|
| | red | 130 lm/m | | |
| | green | 330 lm/m | | |
| | blue | 80 lm/m | | |
| | white 6000 K | 500 lm/m | | |
| | warm white 2400 K | 410 lm/m | | |

L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

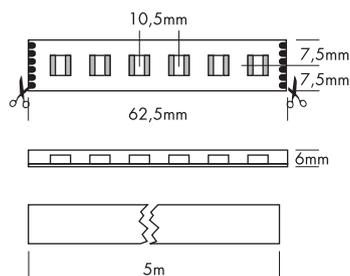
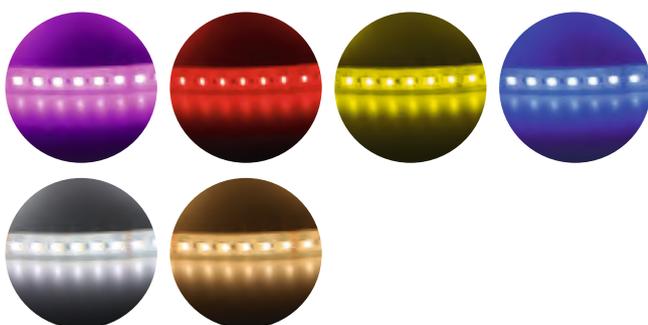
*With correct installation and suitable thermal management.

**Supply connectors/end caps IP65 if correctly sealed.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



See main catalogue for accessories
Order power supply separately



PROLED Flex Strip

IP68 HD RGB+CCT 5-IN-1

IP rating: IP68**

Power source: 24 VDC

Electrical connection: 1x cable with male connector; 6-pin; 30 cm

CRI: 80

Max. power consumption per reel: 190 W

Power consumption per m: 38 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L_{80}/B_{10}

Operating temperature range: -10°C to 45°C

Dimensions: 5000 x 15 x 6 mm (l x w x h)

Min. bending radius: 20 mm

Cutting intervals: 62,5 mm

No. LEDs per m: 96

Product weight: 0,52 kg

 Beam angle 120°

| L65D5906HD | RGB+CCT | 2100 lm/m | 55 lm/W | G |
|------------|------------|-----------|----------|---|
| | red | 200 lm/m | | |
| | green | 500 lm/m | | |
| | blue | 100 lm/m | | |
| | white | 6000 K | 700 lm/m | |
| | warm white | 2400 K | 600 lm/m | |

L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

*With correct installation and suitable thermal management.

**Supply connectors/end caps IP65 if correctly sealed.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



See main catalogue for accessories
Order power supply separately

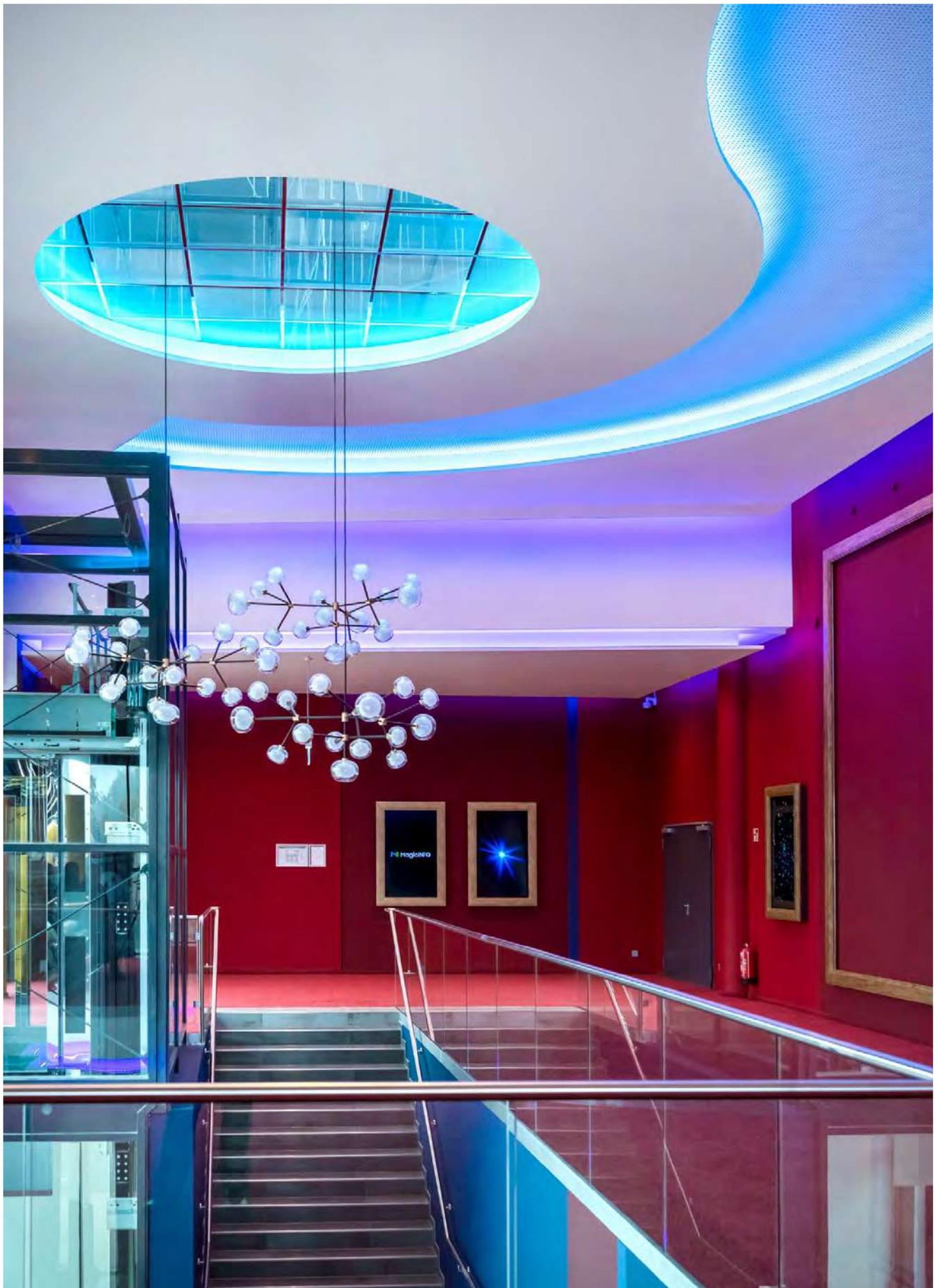


Photo: Frieder Blicke



PROLED FLEX STRIPS 900 FOOD are perfect for lighting food such as bread and pastries, cheese, meat and fish. Six different FLEX STRIP 900 FOOD versions are available. Their shallow design and individually adaptable lengths make the PROLED FLEX STRIPS 900 FOOD suitable for a wide spectrum of applications.

- High flexibility – adaptable to round shapes
- Installation with 3M adhesive tape on the back of the strip (self-adhesive)
- Dimmable with suitable PWM dimmers
- IP65 for outdoor use and humid areas (supply connectors/end caps IP65 if correctly sealed)



PROLED Flex Strip

IP65 900 Food

IP rating: IP65 (for outdoor use)**

Power source: 24 VDC

Electrical connection: 2x cable to open wires; 2-pin; 30 cm

CRI: 90

Max. power consumption per reel: 72 W

Power consumption per m: 14.4 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L_{80}/B_{10}

Operating temperature range: -10°C to 45°C

Dimensions: 5000 x 13 x 6 mm (l x w x h)

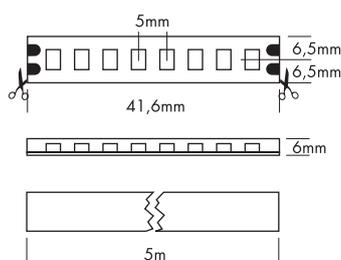
Min. bending radius: 20 mm

Cutting intervals: 41,6 mm

No. LEDs per m: 192

Product weight: 0,35 kg

 Beam angle 120°



| | | | | |
|---------|--|-----------|----------|---|
| L64F412 |  fish | 1700 lm/m | 118 lm/W | F |
| L64F415 |  cheese gold | 1600 lm/m | 111 lm/W | F |
| L64F411 |  fruit | 1700 lm/m | 118 lm/W | F |
| L64F416 |  bread | 1400 lm/m | 97 lm/W | F |
| L64F413 |  fresh meat | 2000 lm/m | 139 lm/W | E |
| L64F414 |  special meat | 1300 lm/m | 90 lm/W | G |

L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

*With correct installation and suitable thermal management.

**Supply connectors/end caps IP65 if correctly sealed.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



See main catalogue for accessories
Order power supply separately



LINEAR LIGHTING | FLEX STRIPS

PROLED Flex Strip Wellness

Proper relaxation calls for orientation and a feel-good atmosphere. We provide both.

- For all spa, pool and sauna applications
- Creates a pleasantly relaxing lighting ambience to increase well-being
- Selected materials for high temperature resistance
- Long lifetime at ambient temperatures of up to 105°C thanks to temperature-controlled current supply
- Not suitable for use underwater. We offer special products with the right IP classification for underwater use
- Dimmable to 20% with suitable PWM dimmers



PROLED Flex Strip

Wellness

IP rating: IP65**

Power source: 24 VDC

Electrical connection: 2x cable to open wires; 2-pin; 30 cm

CRI: 90

Max. power consumption per reel: 50 W

Power consumption per m: 10 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L₈₀/B₁₀

Operating temperature range: -20°C to 105°C

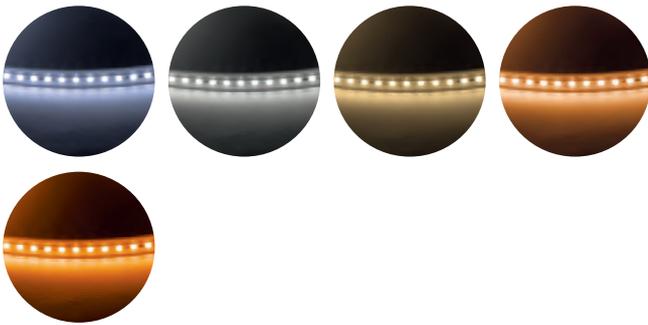
Dimensions: 5000 x 10 x 6 mm (l x w x h)

Min. bending radius: 20 mm

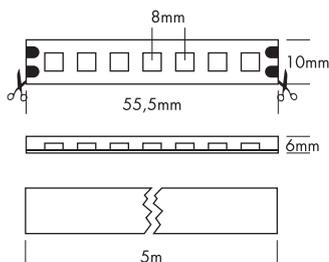
Cutting intervals: 55,5 mm

No. LEDs per m: 126

Product weight: 0,30 kg



 Beam angle 120°



| | | | | | |
|---------|--|--------|-----------|----------|---|
| L6HT804 |  white | 6000 K | 1200 lm/m | 120 lm/W | E |
| L6HT808 |  neutral white | 4000 K | 1200 lm/m | 120 lm/W | E |
| L6HT806 |  warm white | 3000 K | 1150 lm/m | 115 lm/W | F |
| L6HT826 |  super warm white | 2700 K | 1050 lm/m | 105 lm/W | F |
| L6HT836 |  ultra warm white | 2400 K | 1000 lm/m | 100 lm/W | F |

L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals.
See main catalogue for more information on special lengths and customising.



See main catalogue for accessories
Order power supply separately

*With correct installation and suitable thermal management.

**Supply connectors/end caps IP65 if correctly sealed.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.

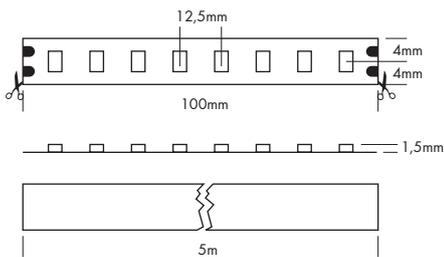
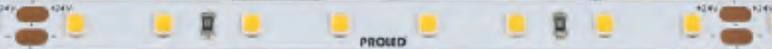
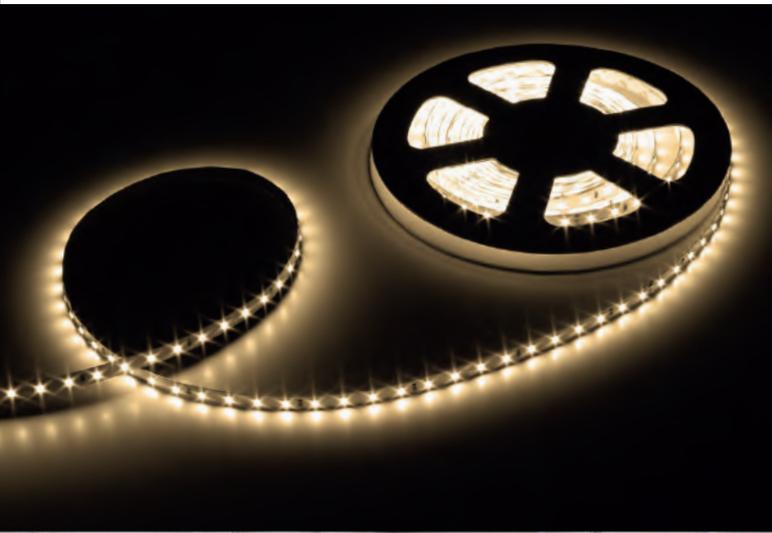


LINEAR LIGHTING | FLEX STRIPS

PROLED Flex Strips 400 and 800 series

Looking for even higher efficiency?
We recommend our 400 and 800 series.

- Higher lighting and energy efficiency
- Homogeneous band of light thanks to minimised LED spacing
- Efficient illumination with the use of smaller or lower profiles
- Dimmable with suitable PWM dimmers



PROLED Flex Strip

400 Mono

IP rating: IP20

Power source: 24 VDC

Electrical connection: 2x cable to open wires; 2-pin; 30 cm
CRI: 90

Max. power consumption per reel: 25 W

Power consumption per m: 5 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L₈₀/B₁₀

Operating temperature range: -10°C to 45°C

Dimensions: 5000 x 8 x 1,5 mm (l x w x h)

Min. bending radius: 20 mm

Cutting intervals: 100 mm

No. LEDs per m: 80

Product weight: 0,09 kg

5* YEARS Warranty

Beam angle 120°

| | | | | | |
|--------|--------------------|--------|----------|----------|---|
| L64904 | ○ white | 6000 K | 700 lm/m | 140 lm/W | E |
| L64908 | ○ neutral white | 4000 K | 700 lm/m | 140 lm/W | E |
| L64906 | ○ warm white | 3000 K | 650 lm/m | 130 lm/W | E |
| L64926 | ○ super warm white | 2700 K | 600 lm/m | 120 lm/W | E |
| L64936 | ○ ultra warm white | 2400 K | 550 lm/m | 110 lm/W | F |
| L64946 | ○ ambiance white | 2100 K | 450 lm/m | 90 lm/W | G |

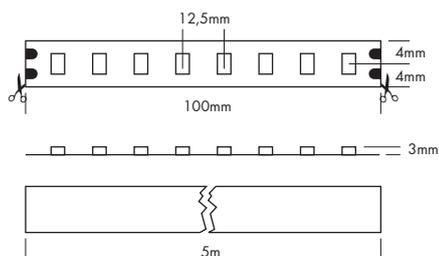
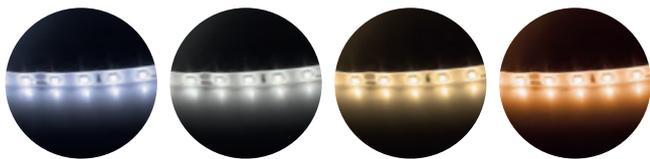
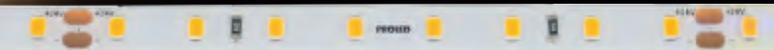
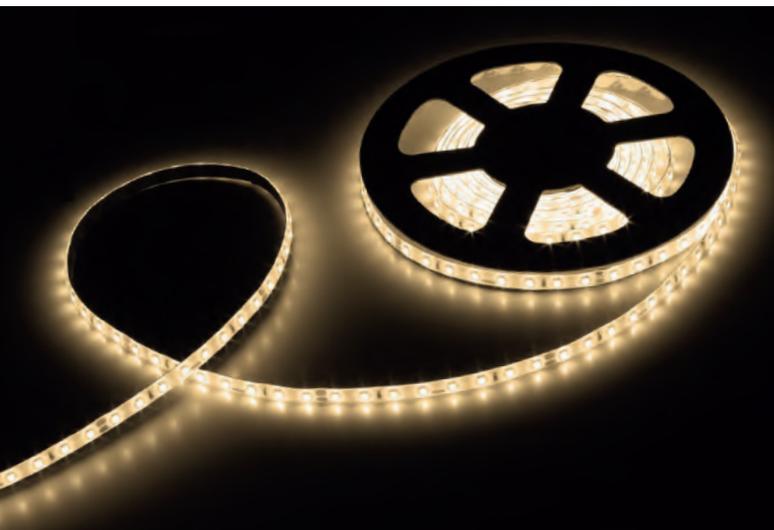
L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

*With correct installation and suitable thermal management.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



See main catalogue for accessories
Order power supply separately



PROLED Flex Strip

IP53 400 Mono

IP rating: IP53**

Power source: 24 VDC

Electrical connection: 2x cable to open wires; 2-pin; 30 cm

CRI: 90

Max. power consumption per reel: 25 W

Power consumption per m: 5 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L₈₀/B₁₀

Operating temperature range: -10°C to 45°C

Dimensions: 5000 x 8 x 3 mm (l x w x h)

Min. bending radius: 20 mm

Cutting intervals: 100 mm

No. LEDs per m: 80

Product weight: 0,15 kg



Warranty



Beam angle 120°

| | | | | | |
|---------|--------------------|--------|----------|----------|---|
| L644904 | ○ white | 6000 K | 650 lm/m | 130 lm/W | E |
| L644908 | ○ neutral white | 4000 K | 650 lm/m | 130 lm/W | E |
| L644906 | ○ warm white | 3000 K | 600 lm/m | 120 lm/W | E |
| L644926 | ○ super warm white | 2700 K | 550 lm/m | 110 lm/W | F |
| L644936 | ○ ultra warm white | 2400 K | 500 lm/m | 100 lm/W | F |

L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

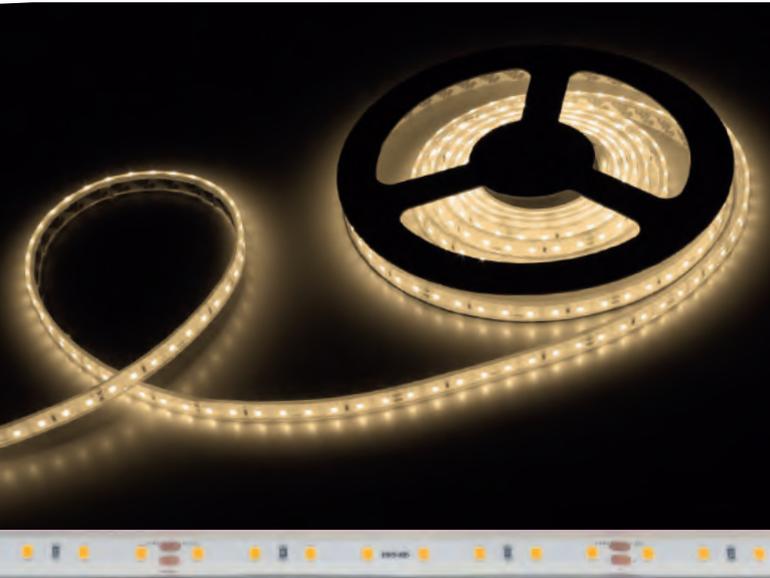
*With correct installation and suitable thermal management.

**IP53 only if correctly affixed and sides sealed with glue.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



See main catalogue for accessories
Order power supply separately



PROLED Flex Strip

IP68 400 MONO

IP rating: IP68**

Power source: 24 VDC

Electrical connection: 1x cable with male connector; 2-pin; 30 cm
CRI: 90

Max. power consumption per reel: 25 W

Power consumption per m: 5 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L₈₀/B₁₀

Operating temperature range: -10°C to 45°C

Dimensions: 5000 x 11 x 6 mm (l x w x h)

Min. bending radius: 20 mm

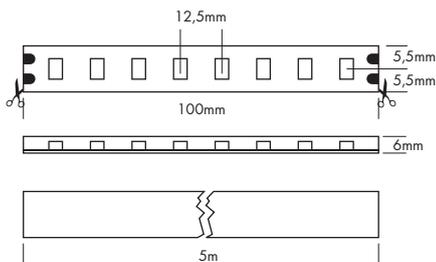
Cutting intervals: 100 mm

No. LEDs per m: 80

Product weight: 0,43 kg



 Beam angle 120°



| | | | | | |
|----------------|--|--------|----------|----------|---|
| L645904 |  white | 6000 K | 600 lm/m | 120 lm/W | E |
| L645908 |  neutral white | 4000 K | 600 lm/m | 120 lm/W | E |
| L645906 |  warm white | 3000 K | 550 lm/m | 110 lm/W | F |
| L645926 |  super warm white | 2700 K | 500 lm/m | 100 lm/W | F |
| L645936 |  ultra warm white | 2400 K | 450 lm/m | 90 lm/W | G |

L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

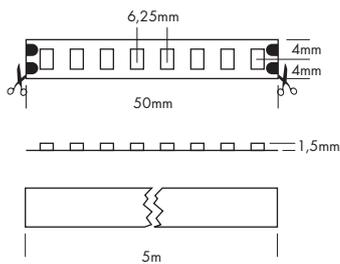
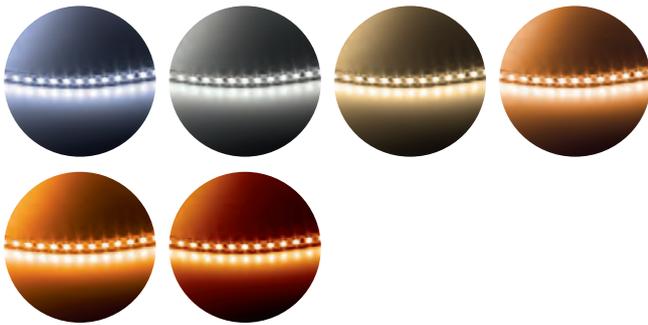
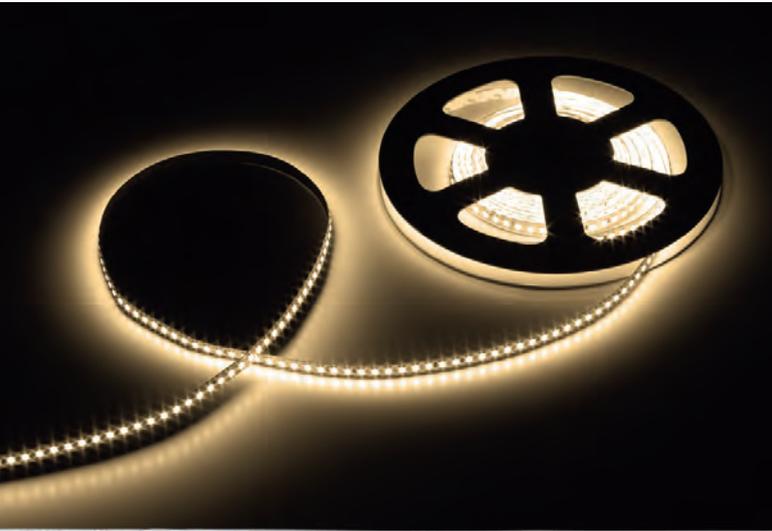
*With correct installation and suitable thermal management.

**Supply connectors/end caps IP65 if correctly sealed.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



See main catalogue for accessories
Order power supply separately



PROLED Flex Strip

800 Mono

IP rating: IP20

Power source: 24 VDC

Electrical connection: 2x cable to open wires; 2-pin; 30 cm
CRI: 90

Max. power consumption per reel: 50 W

Power consumption per m: 10 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L₈₀/B₁₀

Operating temperature range: -10°C to 45°C

Dimensions: 5000 x 8 x 1,5 mm (l x w x h)

Min. bending radius: 20 mm

Cutting intervals: 50 mm

No. LEDs per m: 160

Product weight: 0,09 kg

5* YEARS Warranty

Beam angle 120°

| | | | | | |
|---------------|--------------------|--------|-----------|----------|---|
| L68904 | ○ white | 6000 K | 1400 lm/m | 140 lm/W | E |
| L68908 | ○ neutral white | 4000 K | 1400 lm/m | 140 lm/W | E |
| L68906 | ○ warm white | 3000 K | 1300 lm/m | 130 lm/W | E |
| L68926 | ○ super warm white | 2700 K | 1200 lm/m | 120 lm/W | E |
| L68936 | ○ ultra warm white | 2400 K | 1100 lm/m | 110 lm/W | F |
| L68946 | ○ ambiance white | 2100 K | 900 lm/m | 90 lm/W | G |

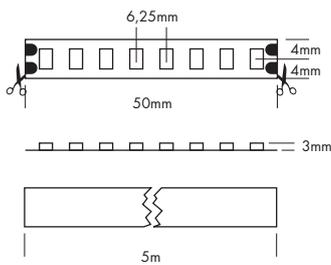
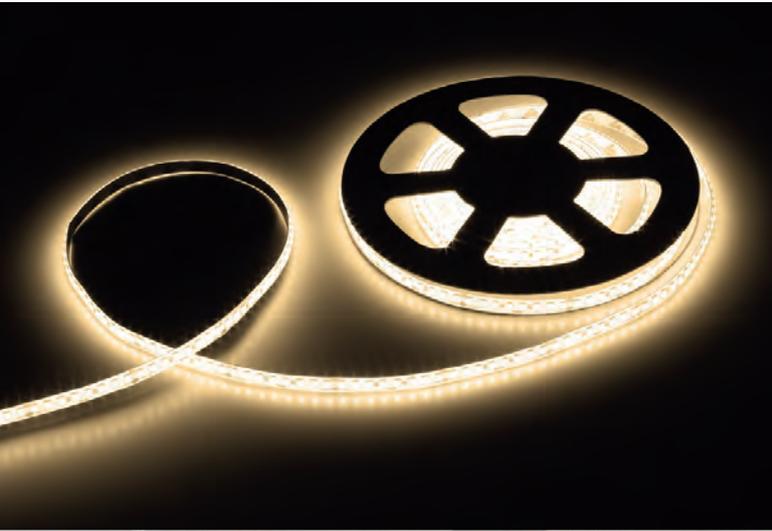
L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

*With correct installation and suitable thermal management.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



See main catalogue for accessories
Order power supply separately



PROLED Flex Strip

IP53 800 Mono

IP rating: IP53**

Power source: 24 VDC

Electrical connection: 2x cable to open wires; 2-pin; 30 cm
CRI: 90

Max. power consumption per reel: 50 W

Power consumption per m: 10 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L₈₀/B₁₀

Operating temperature range: -10°C to 45°C

Dimensions: 5000 x 8 x 3 mm (l x w x h)

Min. bending radius: 20 mm

Cutting intervals: 50 mm

No. LEDs per m: 160

Product weight: 0,16 kg



Warranty



Beam angle 120°

| | | | | | |
|----------------|--------------------|--------|-----------|----------|---|
| L684904 | ○ white | 6000 K | 1300 lm/m | 130 lm/W | E |
| L684908 | ○ neutral white | 4000 K | 1300 lm/m | 130 lm/W | E |
| L684906 | ○ warm white | 3000 K | 1200 lm/m | 120 lm/W | E |
| L684926 | ○ super warm white | 2700 K | 1100 lm/m | 110 lm/W | F |
| L684936 | ○ ultra warm white | 2400 K | 1000 lm/m | 100 lm/W | F |

L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

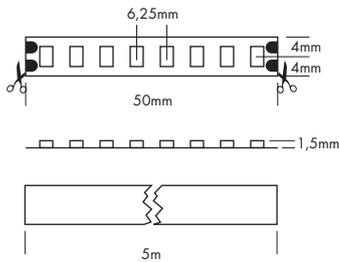
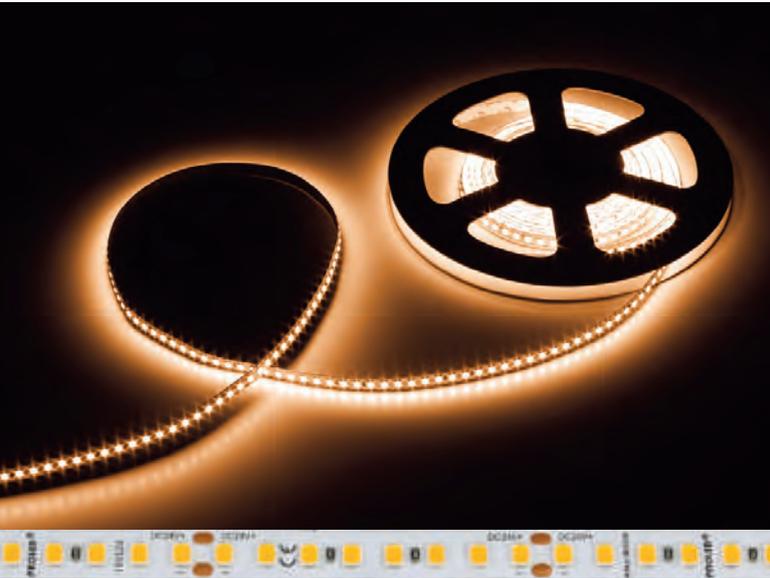
*With correct installation and suitable thermal management.

**IP53 only if correctly affixed and sides sealed with glue.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



See main catalogue for accessories
Order power supply separately



PROLED Flex Strip

IP62 800 Mono

IP rating: IP62

Power source: 24 VDC

Electrical connection: 2x cable to open wires; 2-pin; 30 cm

CRI: 90

Max. power consumption per reel: 50 W

Power consumption per m: 10 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L_{80}/B_{10}

Operating temperature range: -10°C to 45°C

Dimensions: 5000 x 8 x 1,5 mm (l x w x h)

Min. bending radius: 20 mm

Cutting intervals: 50 mm

No. LEDs per m: 160

Product weight: 0,09 kg

5* YEARS Warranty

Beam angle 120°

| | | | | | |
|----------------|--------------------|--------|-----------|----------|---|
| L682908 | ○ neutral white | 4000 K | 1400 lm/m | 140 lm/W | E |
| L682906 | ● warm white | 3000 K | 1300 lm/m | 130 lm/W | E |
| L682926 | ● super warm white | 2700 K | 1200 lm/m | 120 lm/W | E |

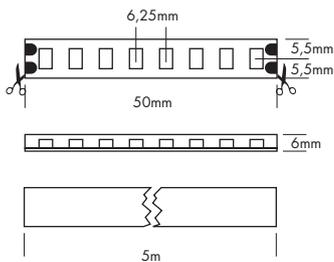
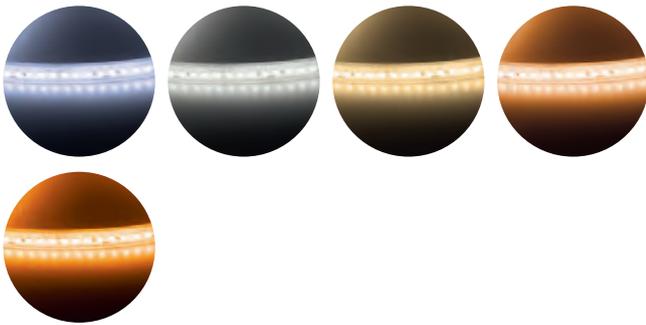
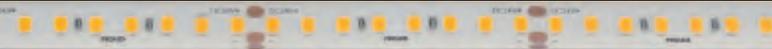
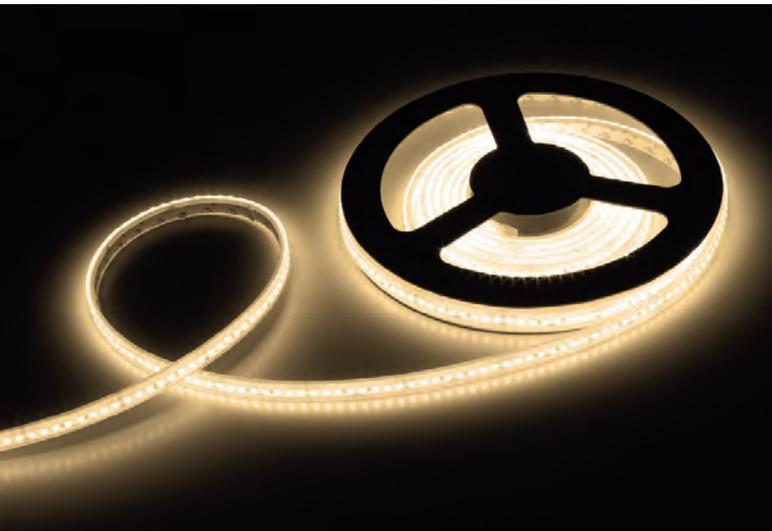
L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

*With correct installation and suitable thermal management.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



See main catalogue for accessories
Order power supply separately



PROLED Flex Strip

IP68 800 Mono

IP rating: IP68**

Power source: 24 VDC

Electrical connection: 1x cable with male connector; 2-pin; 30 cm

CRI: 90

Max. power consumption per reel: 50 W

Power consumption per m: 10 W/m

Max. quantity per power input: 5 m

Average lifetime*: 50.000 h at L_{80}/B_{10}

Operating temperature range: -10°C to 45°C

Dimensions: 5000 x 11 x 6 mm (l x w x h)

Min. bending radius: 20 mm

Cutting intervals: 50 mm

No. LEDs per m: 160

Product weight: 0,44 kg

 Beam angle 120°

| | | | | | |
|----------------|--|--------|-----------|----------|---|
| L685904 |  white | 6000 K | 1200 lm/m | 120 lm/W | E |
| L685908 |  neutral white | 4000 K | 1200 lm/m | 120 lm/W | E |
| L685906 |  warm white | 3000 K | 1050 lm/m | 105 lm/W | F |
| L685926 |  super warm white | 2700 K | 1000 lm/m | 100 lm/W | F |
| L685936 |  ultra warm white | 2400 K | 900 lm/m | 90 lm/W | G |

L.....Z per metre. For custom length, add Z to the end of the order code and state the required length. Please note reel length and cutting intervals. See main catalogue for more information on special lengths and customising.

*With correct installation and suitable thermal management.

**Supply connectors/end caps IP65 if correctly sealed.

Due to production tolerances, photometric data may vary from production batch to production batch within the EU directive.



See main catalogue for accessories
Order power supply separately





LINEAR LIGHTING | PROFILE

PROLED Aluminium Profiles

Wherever you find professional linear light, you'll find aluminium channel profiles in use. They are a design element, an important component in sophisticated thermal management, they protect the LED strips and make them easier to install and use.



- The perfect partner for our PROLED Flex Strips
- For installation and surface mounting, either suspended or affixed with mounting sets
- For visually appealing installation and cooling of strips
- Versatile project integration possibilities
- Offering aesthetics, functionality, protection and sustainability
- Larger profiles are also suitable for constructing individual light fittings. Control gear can be integrated
- Connecting elements for many profile types are available, enabling you to realise geometric shapes such as rectangles, squares, hexagons and octagons as well as combinations
- Available as standard in anodised aluminium up to 5 m long, as well as in white and black up to 3 m long

Aluminium easy to work with

The aluminium profiles are easy to cut to size and drill.



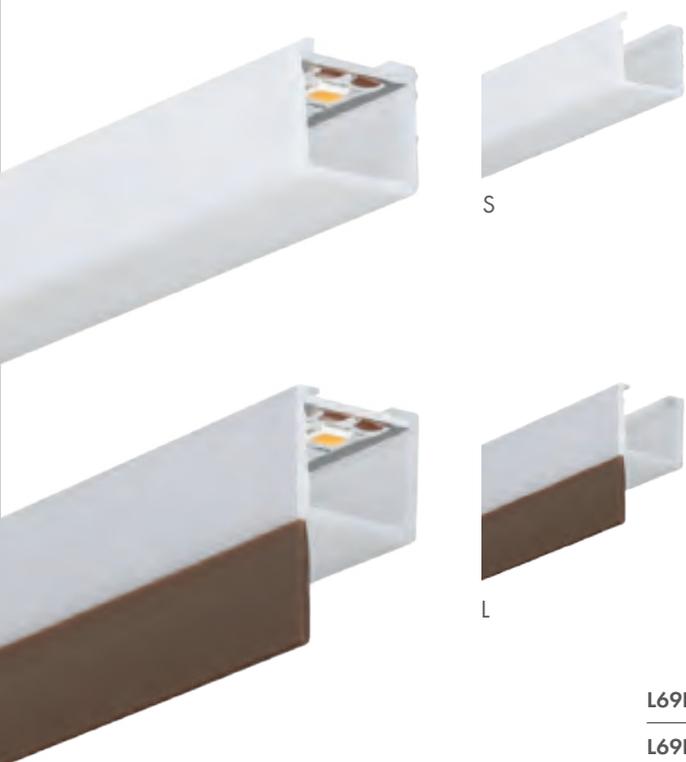
LINEAR LIGHTING | **PROFILE**

PROcover Furniture

Efficient and smart for the kitchen and furniture industry.

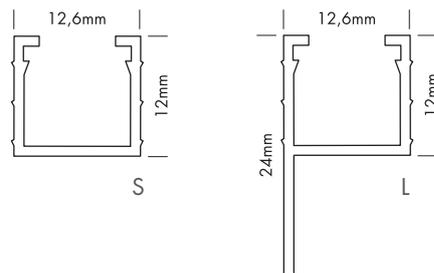
- Clever, minimalist design for efficient and easy installation
- Enables professional light installation in furniture
- No gluing necessary. Clicks into the pre-cut groove
- Large quantities can be installed in a short time
- Enables elegant, purist integration of LED strips
- L-type model prevents glare





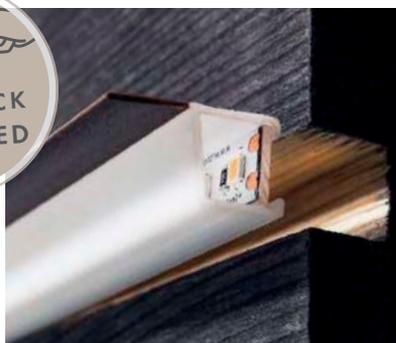
PROFILE

PROcover Furniture



5
YEARS Warranty

| | | | | |
|----------------|----------------------|-------------------------|-------|---------|
| L69ROSM | PROcover Furniture S | 12,6 mm x 12 mm (w x h) | L 2 m | 0,09 kg |
| L69ROSL | PROcover Furniture L | 12,6 mm x 24 mm (w x h) | L 2 m | 0,15 kg |



PROFILE

ALUMINIUM SLIDING BASE PROcover Furniture

SLIDING BASE



5
YEARS Warranty

| | | | | |
|----------------|---------------------------|-------|--------|---------|
| L69RSBS | 10,5 mm x 1,25 mm (w x h) | L 2 m | silver | 0,09 kg |
|----------------|---------------------------|-------|--------|---------|





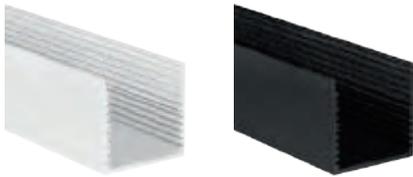
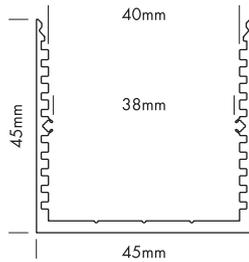
LINEAR LIGHTING | PROFILE

Aluminium Profiles

PS-LINE

The profile that can take a lot.

- Spacious design to accommodate several power supplies of selected types
- Allows a wider choice of power supplies
- Stays discreetly in the background of the architecture and structure despite its spacious volume
- Increased light output with the use of multiple Flex Strips
- Enables uniform luminance in the cover even with the sliding base in the uppermost position (when using the square cover)



ALUMINIUM PROFILE

PS-LINE Standard

| | | |
|-----------|------------|-----------------------|
| L69P00S | ● silver | 2 m |
| L69P00SX | ● silver | 3 m |
| L69P00SY | ● silver | 5 m |
| L69P00SZ | ● silver | per metre (max. 5 m)* |
| L69P00SW | ○ white** | 2 m |
| L69P00SWX | ○ white** | 3 m |
| L69P00SWZ | ○ white** | per metre (max. 3 m)* |
| L69P00SB | ● black*** | 2 m |
| L69P00SBX | ● black*** | 3 m |
| L69P00SBZ | ● black*** | per metre (max. 3 m)* |

ALUMINIUM END CAP FLAT

PS-LINE Standard

| | |
|----------|------------|
| L69PS3E | ● silver |
| L69PS3EW | ○ white** |
| L69PS3EB | ● black*** |



ALUMINIUM SLIDING BASE

PS-LINE HSB

| | | |
|-----------|-----------|-----------------------|
| L69PSBS | ● silver | 2 m |
| L69PSBSZ | ● silver | per metre (max. 2 m)* |
| L69PSBSW | ○ white** | 2 m |
| L69PSBSWZ | ○ white** | per metre (max. 2 m)* |

ALUMINIUM END CAP SQUARE

PS-LINE Standard

| | |
|----------|------------|
| L69PS1E | ● silver |
| L69PS1EW | ○ white** |
| L69PS1EB | ● black*** |



ALUMINIUM SLIDING BASE

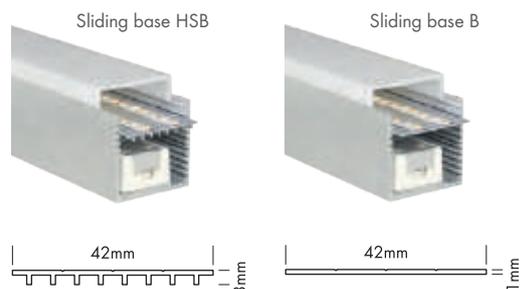
PS-LINE B

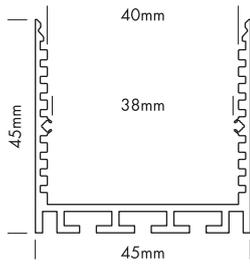
| | | |
|-----------|-----------|-----------------------|
| L69PSBB | ● silver | 2 m |
| L69PSBBZ | ● silver | per metre (max. 2 m)* |
| L69PSBBW | ○ white** | 2 m |
| L69PSBBWZ | ○ white** | per metre (max. 2 m)* |

5* YEARS Warranty

See main catalogue for an overview of which PROFILES are compatible with which STRIPS.

*Custom length **white RAL 9016 ***black similar to RAL 9005





ALUMINIUM PROFILE

PS-LINE Standard 24

| | | |
|-----------|------------|-----------------------|
| L69P02S | ● silver | 2 m |
| L69P02SX | ● silver | 3 m |
| L69P02SY | ● silver | 5 m |
| L69P02SZ | ● silver | per metre (max. 5 m)* |
| L69P02SW | ○ white** | 2 m |
| L69P02SWX | ○ white** | 3 m |
| L69P02SWZ | ○ white** | per metre (max. 3 m)* |
| L69P02SB | ● black*** | 2 m |
| L69P02SBX | ● black*** | 3 m |
| L69P02SBZ | ● black*** | per metre (max. 3 m)* |

ALUMINIUM END CAP FLAT

PS-LINE Standard

| | |
|----------|------------|
| L69PS3E | ● silver |
| L69PS3EW | ○ white** |
| L69PS3EB | ● black*** |



ALUMINIUM SLIDING BASE

PS-LINE HSB

| | | |
|-----------|-----------|-----------------------|
| L69PSBS | ● silver | 2 m |
| L69PSBSZ | ● silver | per metre (max. 2 m)* |
| L69PSBSW | ○ white** | 2 m |
| L69PSBSWZ | ○ white** | per metre (max. 2 m)* |

ALUMINIUM END CAP SQUARE

PS-LINE Standard

| | |
|----------|------------|
| L69PS1E | ● silver |
| L69PS1EW | ○ white** |
| L69PS1EB | ● black*** |



ALUMINIUM SLIDING BASE

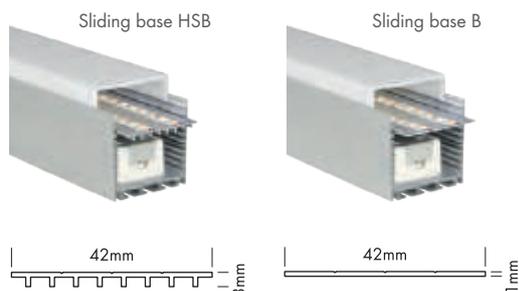
PS-LINE B

| | | |
|-----------|-----------|-----------------------|
| L69PSBB | ● silver | 2 m |
| L69PSBBZ | ● silver | per metre (max. 2 m)* |
| L69PSBBW | ○ white** | 2 m |
| L69PSBBWZ | ○ white** | per metre (max. 2 m)* |

5* YEARS Warranty

See main catalogue for an overview of which PROFILES are compatible with which STRIPS.

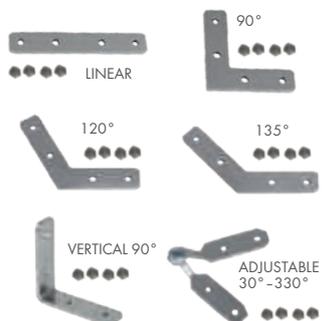
*Custom length **white RAL 9016 ***black similar to RAL 9005





Connector 24

| | |
|---------|--------------|
| L690007 | Linear |
| L690008 | 90° |
| L690010 | 120° |
| L690011 | 135° |
| L690012 | Vertical 90° |
| L690017 | Adjustable |

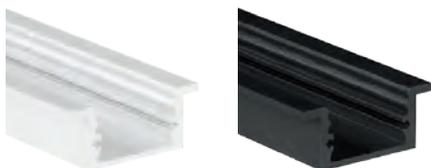
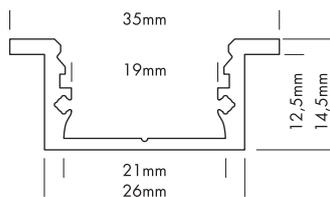


Suspension cable kit G



L690015 Suspension cable kit G





ALUMINIUM PROFILE

M-LINE REC 12 ST

| | | |
|-----------|------------|-----------------------|
| L69C212 | ● silver | 2 m |
| L69C212X | ● silver | 3 m |
| L69C212Y | ● silver | 5 m |
| L69C212Z | ● silver | per metre (max. 5 m)* |
| L69C212W | ○ white** | 2 m |
| L69C212WX | ○ white** | 3 m |
| L69C212WZ | ○ white** | per metre (max. 3 m)* |
| L69C212B | ● black*** | 2 m |
| L69C212BX | ● black*** | 3 m |
| L69C212BZ | ● black*** | per metre (max. 3 m)* |



With fire cover



Without fire cover

ALUMINIUM END CAP FLAT

M-LINE REC 12 ST

| | |
|-----------|------------|
| L69C2S3E | ● silver |
| L69C2S3EW | ○ white** |
| L69C2S3EB | ● black*** |



ALUMINIUM END CAP ARM

M-LINE REC 12 ST

| | |
|------------|------------|
| L69C2S3EA | ● silver |
| L69C2S3EAW | ○ white** |
| L69C2S3EAB | ● black*** |



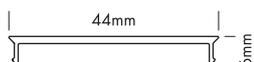
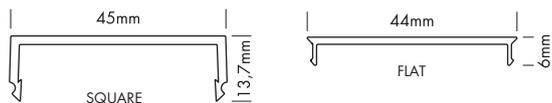
5
YEARS Warranty

See main catalogue for an overview of which PROFILES are compatible with which STRIPS.

*Custom length **white RAL 9016 ***black similar to RAL 9005



SQUARE COVER FLAT COVER MICROPRISM COVER



PLASTIC COVERS

PS-LINE

| | | |
|----------|---------------------|-----------------------|
| L69PS3F | Flat frost | 2 m |
| L69PS3FX | Flat frost | 3 m |
| L69PS3FY | Flat frost | 5 m |
| L69PS3FZ | Flat frost | per metre (max. 5 m)* |
| L69PS3M | Flat milky (opal) | 2 m |
| L69PS3MX | Flat milky (opal) | 3 m |
| L69PS3MY | Flat milky (opal) | 5 m |
| L69PS3MZ | Flat milky (opal) | per metre (max. 5 m)* |
| L69PS3P | Flat microprism | 2 m |
| L69PS3PX | Flat microprism | 3 m |
| L69PS3PZ | Flat microprism | per metre (max. 3 m)* |
| L69PS1F | Square frost | 2 m |
| L69PS1FX | Square frost | 3 m |
| L69PS1FZ | Square frost | per metre (max. 3 m)* |
| L69PS1M | Square milky (opal) | 2 m |
| L69PS1MX | Square milky (opal) | 3 m |
| L69PS1MZ | Square milky (opal) | per metre (max. 3 m)* |

5
YEARS Warranty

PLASTIC COVERS

PS-LINE Black

| | | |
|----------|------------|-----------------------|
| L69PS3B | Flat black | 2 m |
| L69PS3BX | Flat black | 3 m |
| L69PS3BZ | Flat black | per metre (max. 3 m)* |

5
YEARS Warranty

*Custom length



POWER SUPPLIES & CONTROLS

Power supplies, dimmers & controls

With our lighting prowess, control expertise in architectural lighting and many years of experience in the lighting of events and stage shows, we have comprehensive knowledge of all modern lighting management systems.

- Outstanding expertise in controlling light and luminaires meets maximum product quality
- Open systems that can be integrated into industry-standard control architectures, including building services and media control systems
- Extremely user friendly
- All industry-standard dimming and control systems such as DMX, DALI, KNX, 1-10V, CASAMBI, RF, etc.
- RF remote controllers or smartphone and tablet controlled solutions are possible

Mean Well Switching Power Supply PRO IP67

Power supplies with IP rating IP67. For indoor and outdoor use. Noiseless – without fan. Three versions available.



| | Mean Well Switching Power Supply IP67 24-120 | Mean Well Switching Power Supply PRO IP67 48-320 | Mean Well Switching Power Supply PRO IP67 48-480 |
|-----------------|--|--|--|
| Order code: | L502412W | L504832W | L504848W |
| Output voltage: | 24 VDC | 48 VDC | 48 VDC |
| Power rating: | 120 W | 320 W | 480 W |
| MM symbol: | ⚠⚠ | ⚠⚠ | - |
| Power source: | 90-300 VAC; 47-63 Hz 130-400 VDC | 90-300 VAC; 47-63 Hz 130-400 VDC | 90-300 VAC; 47-63 Hz 130-400 VDC |
| Dimensions: | 220 x 68 x 39 mm (l x w x h) | 252 x 90 x 44 mm (l x w x h) | 262 x 125 x 44 mm (l x w x h) |
| Product weight: | 1,20 kg | 1,90 kg | 2,80 kg |

5
YEARS Warranty

OSRAM Switching Power Supply 24-90

OSRAM power supply with MM furniture symbol. Suitable for mounting on flammable surfaces. Noiseless – without fan.



| | |
|-----------------|-------------------------------|
| Order code: | L502490 |
| Output voltage: | 24 VDC |
| Power rating: | 90 W |
| MM symbol: | ⚠⚠ |
| Power source: | 220-240 VAC; 50-60 Hz; 0.55 A |
| Dimensions: | 230 x 60 x 35 mm (l x w x h) |
| Product weight: | 0,57 kg |

CASAMBI CBU-PWM4

4-channel LED dimmer (single channels/dynamic white/RGB/RGBA/RGBW). Can be controlled with the CASAMBI app (iOS and Android) or other CASAMBI controllers. The output voltage corresponds to the supply voltage of 12-24 VDC. The maximum combined output current of 6 A can be freely divided among the four channels.

5*
YEARS Warranty

RF PWM Dimmer 1-Channel 12A

The PROLED RF PWM DIMMER is the receiver for the RF remote controllers and RF push buttons (see main catalogue for RF MONO REMOTE CONTROLLER). The RF PWM DIMMER can be used to control monochrome LED luminaires. The output voltage corresponds to the supply voltage of 12-48 V. CA (common anode - common plus).

5*
YEARS Warranty

RF PWM Dimmer 5-Channel

The PROLED RF PWM DIMMER is the receiver for the 5-channel RF remote controllers (RF RGB+CCT Remote Controller B and RF RGB+CCT Remote Controller Wall - pictured right). The RF PWM DIMMER can be used to control RGB+CCT applications. The output voltage corresponds to the supply voltage of 12-36 V. CA (common anode - common plus).

5*
YEARS Warranty

CASAMBI

Order code: **L5137PWM4**
Power source: 12-24 VDC
Output: 12-24 VDC; 72-144 W
Control channels: 4
Operating temp. range: -10°C to 45°C
PWM frequency: 400 Hz
Dimensions: 73 x 30 x 18 mm (l x w x h)
Product weight: 0,02 kg



Order code: **L513186**
Power source: 12-48 VDC
Output: 12-48 VDC; 1x 12 A (48V: 6A); 144-432 W
RF frequency: 868 MHz
Control channels: 1
Operating temperature range: -10°C to 45°C
PWM frequency: 750 Hz
Dimensions: 170 x 54 x 28 mm (l x w x h)
Product weight: 0,12 kg



Order code: **L513189**
Power source: 12-36 VDC
Output: 12-36 VDC; 5x 5 A; 60-180 W per channel
RF frequency: 868 MHz
Control channels: 5
Operating temperature range: -20°C to 50°C
PWM frequency: 750 Hz
Dimensions: 170 x 60 x 29 mm (l x w x h)
Product weight: 0,14 kg

RF RGB+CCT Remote Controller B

The PROLED RF RGB+CCT Remote Controller in combination with the RF PWM DIMMER 5-CHANNEL (pictured left) can be used to control RGB-CCT luminaires without extensive installation work.

- 5-channel control via RF (RGB+CCT)
- Select your desired colour with the colour wheel
- Control white with the slider
- Choice of preprogrammed colour gradients (10 programs)
- Program your own colour gradient (max. 5 colours)
- Dim your desired colour or colour gradient
- Adjustable speed settings
- Dim each of the 5 channels separately
- Control 4 separate zones
- Save 4 different lighting scenes per zone
- Each zone can be connected to any number of RF PWM DIMMERS

5
YEARS Warranty



Order code: **L513187**

Power source: 3x AAA batteries

RF frequency: 868 MHz

Control channels: 5

Operating temperature range: -10°C to 45°C

Dimensions: 153 x 52 x 20 mm (l x w x h)

Product weight: 0,10 kg

RF RGB+CCT Remote Controller Wall

The PROLED RF RGB+CCT Remote Controller Wall is an RGB+CCT touch controller designed to be wall mounted. In combination with the RF PWM DIMMER 5-CHANNEL (pictured left) it can be used to control RGB-CCT luminaires without extensive installation work.

- 5-channel control via RF (RGB+CCT)
- Select your desired colour with the colour slider
- Choice of preprogrammed colour gradients (10 programs)
- Dim your desired colour or colour gradient
- Adjustable speed settings
- Dim each of the 5 channels separately
- Each RF PWM DIMMER can be controlled by up to 8 RF remote controllers.

5
YEARS Warranty



Order code: **L513188**

Power source: 100-240 VAC; 50-60 Hz

RF frequency: 868 MHz

Control channels: 5

Operating temperature range: -10°C to 45°C

Dimensions: 86 x 86 x 31 mm (l x w x h)

Product weight: 0,13 kg

SERVICE

We are the advisers on your lighting project

Share with us a passion for good light. We'll share with you everything you need to turn your lighting project into a shining example.



Wide product range

As a full-service provider, we cover the full spectrum of functional and atmospheric light.



Customer service

When customers are happy, our goal has been met. That is why excellent customer service is important to us.

Benefits for you as ...

Lighting and technical designers

We support all lighting designers with precise photometric data for your designs, effective recommendations and ready-to-use lighting tools and luminaires. With our one-stop shop, we provide everything you need.



Architects

As specialists in architectural lighting and linear light, we create even more functionality, emotionality and aesthetics in indoor and outdoor settings.





Configurator

Our photometry configurator provides lighting professionals with exact photometric data for their lighting designs.



Consultancy

Our strength lies in our project expertise. We advise customers all the way from the brief to the solution.



Testing laboratory

This is where we ensure that our promise of quality is based on facts, not assumptions.



Project managers in the field

Our project managers are the ones who take care of things. The ones who make everything right for the customer on site, where it counts.



Retail and wholesale

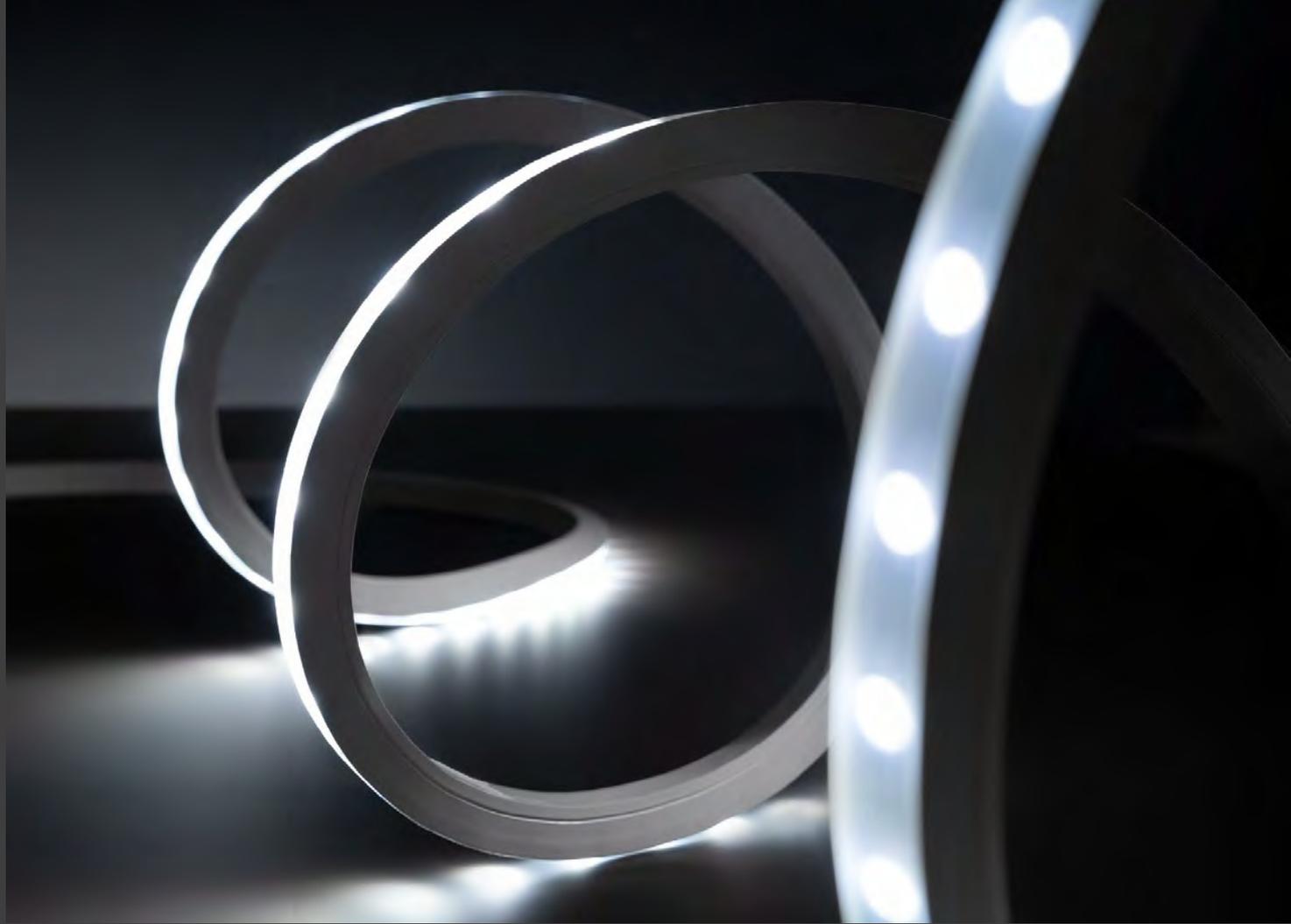
Here too, we are your reliable partner providing delivery you can rely on and quality in the project context. We can also help you specify the requirements.



Electrical contractors

The electrical experts and our customer service are pretty much best buddies. Electricians and installers call us when they want information, advice or need a solution fast - knowing we won't let up until everyone's eyes light up.



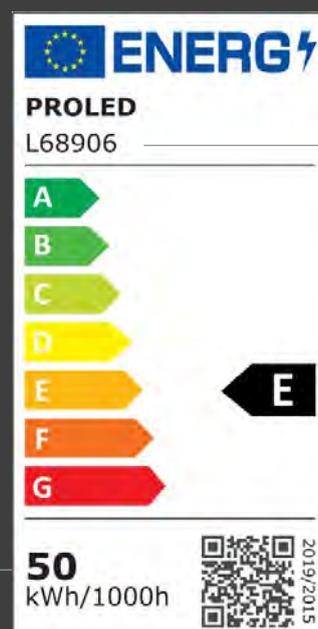


New energy efficiency guidelines

A new EU Directive came into force in September 2021. Its aim is to increase energy efficiency and improve transparency for users and consumers.

The new guidelines set higher requirements for the minimum efficiency of light sources. Efficiency is calculated based on several specific parameters of the light source, including the type, directionality and total luminous flux. The energy classes have also been redefined. A QR code takes you to the EU database where you can read all the information. The old energy label is still valid until 3/2023. Fixtures with a light source that can be removed without destruction no longer require a separate energy label.

Light source energy consumption: The size or length and the resulting total luminous flux the consumption relates to can be found in the data sheet accessible through the QR code.



Light source number

Energy class

QR code leading to the product page in the EU database. This is where you can view technical data such as the dimensions and luminous flux of the light source.

How do you find it? You'll find everything very well.

Our product range is very extensive. So it's all the more important that you can access it easily. That's why we offer you different ways to get as much help as possible from us: www.proled.com



- In the products section you will now find all key product data along with manuals, warranty information and suitable applications.
- You can bookmark your product favourites so you have them all to hand when requesting information and advice from us.
- The photometry configurator gives you all the data you need for your lighting calculations.

- We will also tell you about exciting innovations that will benefit you in your project.
- You will very easily find competent advisers with project experience to help you online.

Besides being able to view them on the website, you will also find the rest of PROLED's huge range of products in our latest main catalogue.

“ We asked our team: What does PROLED mean to you?

○ If you're thinking about linear light, you'll find it at PROLED.

○ *PROLED offers technical quality in an extremely large product portfolio – plus solution expertise.*

○ It's not products we want to sell, it's the result: good light!

○ In the past, we were all about the products and their technical development. That enabled us to reach our high-end level. In the future, we are going to be more about light and emotion.

○ *All the fantastic things we can test and measure in our lab is something only we care about. What our customers care about is what they get out of it.*

○ Our customers want to buy function and emotion. We offer them both.

○ *There are good reasons why the pros go to PROLED and not to the DIY store: We make good outcomes reliable and achievable every time. In every application.*

New brand identity with added value



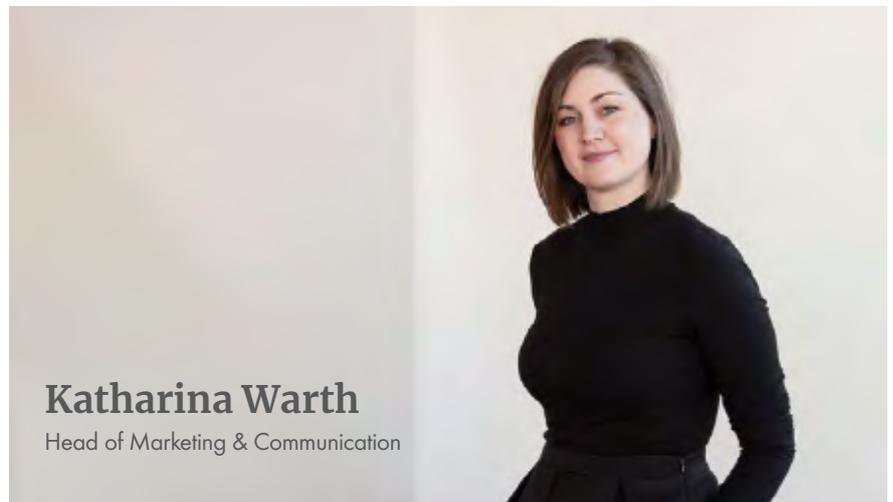
Down-to-earth and reliable is what we remain.
Progressive and modern is what we've become.
The result is a brand that is radiant and authentic.

Our brand has changed.

The PROLED Group has repositioned its business with the aim of offering you even greater added value. We have hired new staff and professionalised our operations even further. And we have extended the breadth of our product range and modernised our corporate communications. So our brand identity matches the quality of our products.

The optics of our relaunch are thus only a side effect. Much more important to us is the added value it gives to our customers.

To that end, we are consistently continuing our approach of advising customers, intensifying our on-site project support and offering effective tools to meet the needs of lighting designers, architects,



Katharina Warth
Head of Marketing & Communication

interior designers and electrical specialists. We have given them all more individual ways to access our products. Simplifying everyday business for our customers is very important to us and is something we will keep on our agenda.

And last but not least, new communication media will in future help

our users to make their services, concepts and projects look as impressive as they are.

With these steps, we will reach the next level with our lighting mission. But what is even more important is that we will reach it in cooperation with our customers and partners. With you.

PATENT LICENSE AGREEMENT

MBN-PROLED and Signify (formerly Philips) have concluded a license agreement for the use of Signify (Philips) patents under Signify (Philips) LED-based luminaire license program. Therefore, MBN has access to the great patent portfolio of Signify (Philips) for development of LED products, also covering patents of Color Kinetics and TIR Systems acquired by Philips. Due to the possible use of patents the efficiency of our product development is increased, as there is a multitude of possible innovatively useable technologies available for us now. Additionally our customers are exempted from any claim to license fees by Signify N.V. (formerly Royal Philips Electronics) in relation to the license program when purchasing, reselling and using PROLED products. A possible conflict with Signify (Philips) patents of the licensing program is avoided herewith. The agreement covers all regions of the world and existing patents as well as still pending patent applications.

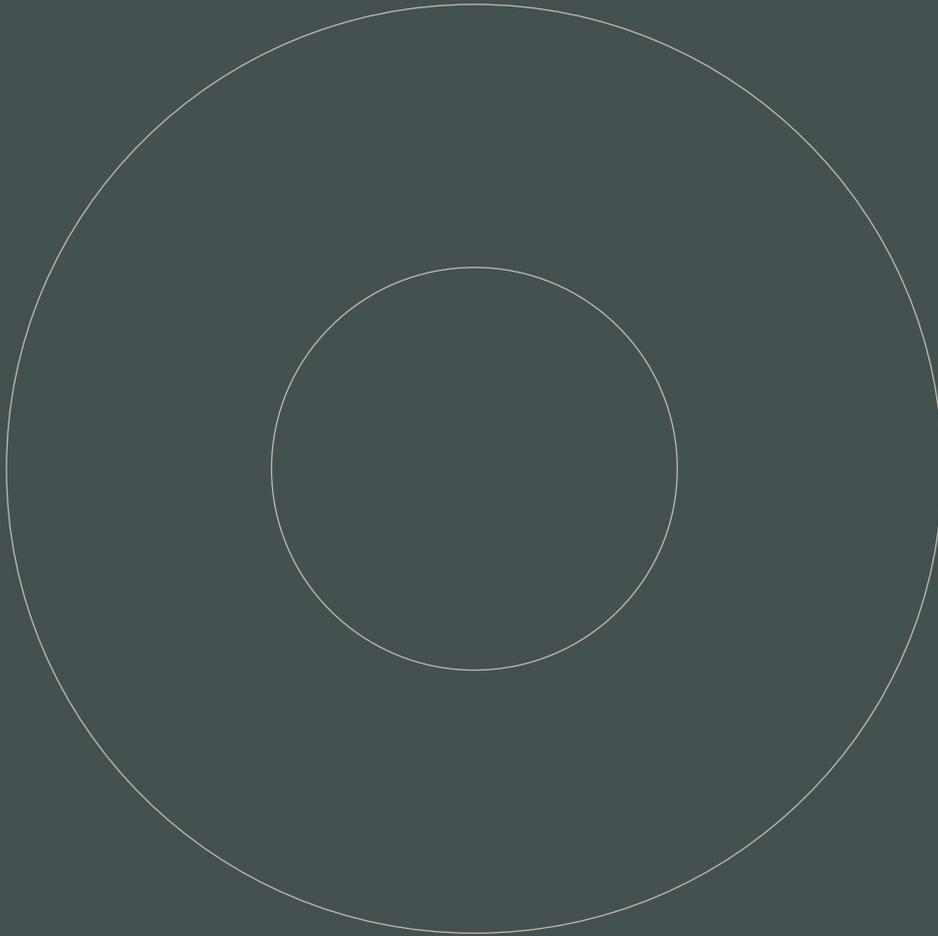
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JANDA+ROSCHER, Die WerbeBotschafter

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