PRODUCTS CATALOGUE 2016

LEDlink

www.ledlink.de

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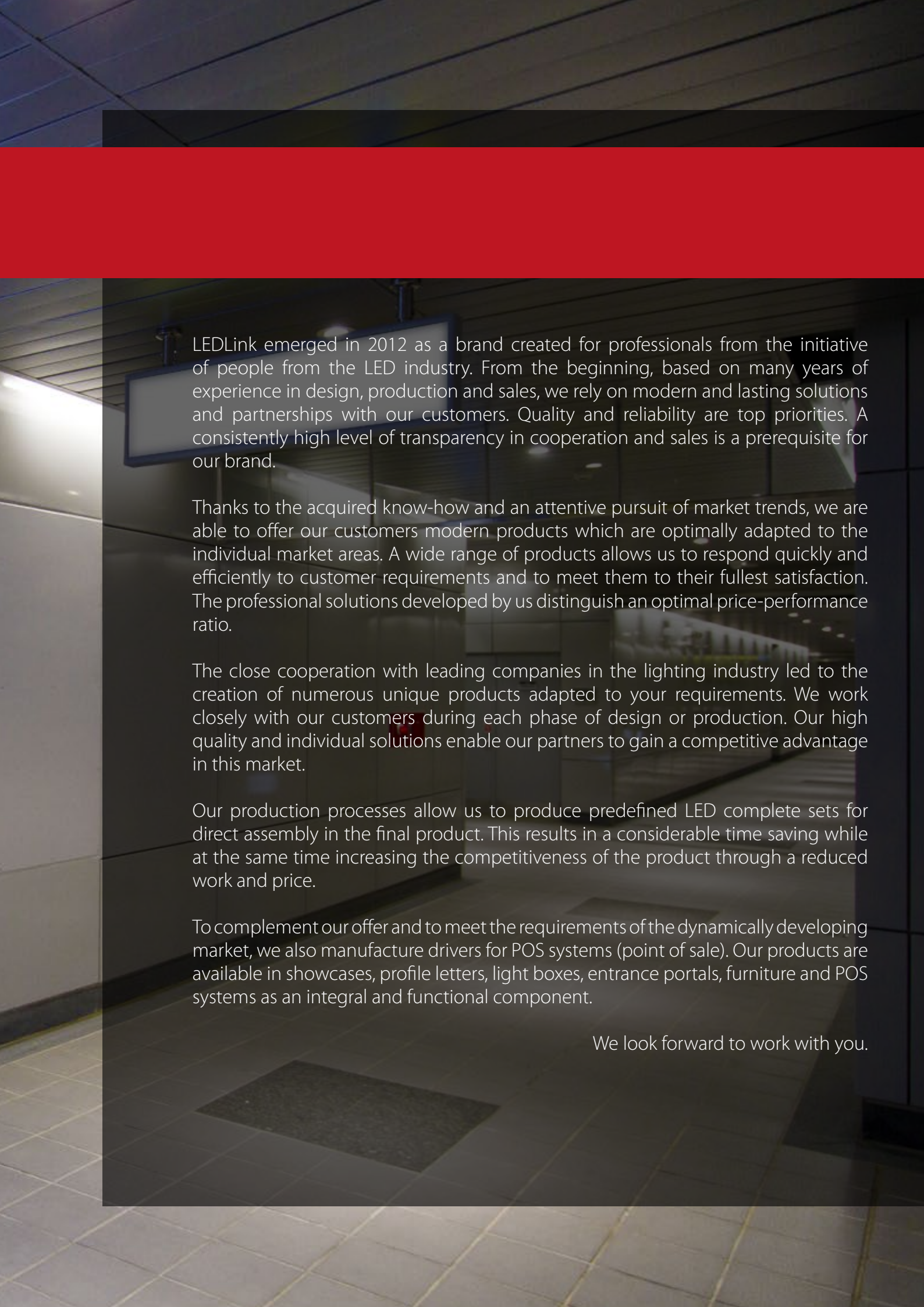


LEDLink emerged in 2012 as a brand created for professionals from the initiative of people from the LED industry. From the beginning, based on many years of experience in design, production and sales, we rely on modern and lasting solutions and partnerships with our customers. Quality and reliability are top priorities. A consistently high level of transparency in cooperation and sales is a prerequisite for our brand.

Thanks to the acquired know-how and an attentive pursuit of market trends, we are able to offer our customers modern products which are optimally adapted to the individual market areas. A wide range of products allows us to respond quickly and efficiently to customer requirements and to meet them to their fullest satisfaction. The professional solutions developed by us distinguish an optimal price-performance ratio.

The close cooperation with leading companies in the lighting industry led to the creation of numerous unique products adapted to your requirements. We work closely with our customers during each phase of design or production. Our high quality and individual solutions enable our partners to gain a competitive advantage in this market.

Our production processes allow us to produce predefined LED complete sets for direct assembly in the final product. This results in a considerable time saving while at the same time increasing the competitiveness of the product through a reduced work and price.

To complement our offer and to meet the requirements of the dynamically developing market, we also manufacture drivers for POS systems (point of sale). Our products are available in showcases, profile letters, light boxes, entrance portals, furniture and POS systems as an integral and functional component.

We look forward to work with you.

LED MODULES

S-SERIES — 3 Years Warranty

1.01 - 1.02 **ves$_3$**

Economical LED module with a wide beam angle for use in flat profile letters or transparent billboards.

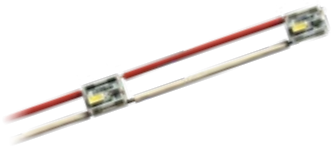
1.03 - 1.04 **mini$_3$**

Very compact LED module with high light output. Perfect for use in narrow, small, flat and angular illuminated billboards.

1.05 - 1.06 **mini$_{4D}$**

Compact size LED module perfect for indoor use.

1.07 - 1.08 **micron$_{5V}$**



Micro LED module with minimal dimensions and the possibility to solder it on both sides. Micron5V modules are ideal for very shallow transparent letters.

1.09 - 1.10 **unix$_3$RGB**

RGB LED module for installation depth ranged from 100 mm up to 200 mm. The color of the module can be changed as desired using a controller.

1.11 - 1.12 **vidia$_3$RGB**

RGB LED module with a beam angle of 140 °. For installation depth ranged from 80 up to 200 mm. The color of the module can be changed as desired using a controller.

L-SERIES — 5 Years Warranty

2.01 - 2.02 **dEUS$_3$**

Extremely powerful LED module with a wide beam angle. Ideal for large area advertising. Optimum installation depth is 100 mm to 250 mm.

2.03 - 2.04 **vidia$_3$**

Powerful LED module with a wide beam angle for use in flat banners or profile letters.

2.05 - 2.06 **unix$_3$**

Highly reliable LED module for medium depth to deep advertising systems.

2.07 - 2.08 **dEUS$_2$**

Extremely powerful LED module with a wide beam angle. Ideal for large area advertising. Optimum installation depth is 60 mm to 140 mm.

2.09 - 2.10 **vidia$_2$**

Efficient 2-diode LED module with a wide beam angle for use in shallow banners and profile letters.

2.11 - 2.12 **miniBOX**

LED module for use in double-sided light boxes.

TABLE OF CONTENTS

X-SERIES 7 Years Warranty

3.01 - 3.02

dEUS 3X

Extremely powerful LED module with 7-year warranty and a wide beam angle. Ideal for large area advertising. The optimal installation depth is 100mm to 250mm.

3.03 - 3.04

vidia 3X

Powerful LED module with 7-year warranty and a wide beam angle for use in shallow advertising systems.

3.05 - 3.06

BOXlight

Reliable module with 7-year warranty for use in double-sided transparent billboards.

LinkS SERIES

4.01 - 4.02

LinkS 150

LED stripe with 150 diodes per 5m roll. Can be divided into 100mm sections.

4.05 - 4.06

LinkS 300

LED stripe with 300 diodes per 5m roll. Can be divided into 50mm sections.

4.09 -4.10

LinkS 600

LED stripe with 300 diodes per 5m roll. Can be divided into 25mm sections.

LinkS$_P$ IP65 SERIES

4.03-4.04

LinkS 150P

LED stripe with 150 diodes per 5m roll and IP65 protection. Can be split into 100mm sections.

4.07-4.08

LinkS 300P

LED stripe with 150 diodes per 5m roll and IP65 protection. Can be split into 50mm sections.

4.11-4.12

LinkS 600P

LED stripe with 150 diodes per 5m roll and IP65 protection. Can be split into 25mm sections.

SERIE LinkH

4.13 - 4.14

LinkH 300

Extremely powerful LED stripe with 300 diodes per 5m reel. Can be divided into 50mm sections.

LinkRGB SERIES

4.15 - 4.16

LinkS RGB$_{150}$

RGB LED stripe with 150 diodes per 5m-roll. Can be divided into 100mm sections.

4.19 - 4.20

LinkS RGB$_{300}$

RGB LED stripe with 150 diodes per 5m-roll. Can be divided into 50mm sections.

LinkRGB$_P$ IP65 SERIES

4.17-4.18

LinkS RGB$_{150P}$

RGB LED stripe with 150 diodes per 5m roll and IP65 protection. Can be divided into 100mm sections.

4.21-4.22

LinkS RGB$_{300P}$

RGB LED stripe with 150 diodes per 5m roll and IP65 protection. Can be divided into 50mm sections.

SERIES

LED MODULES
WITH
YEARS WARRANTY 3

LEDlink

ves$_3$

Economical LED module with a wide beam angle for use in flat profile letters or transparent billboards.

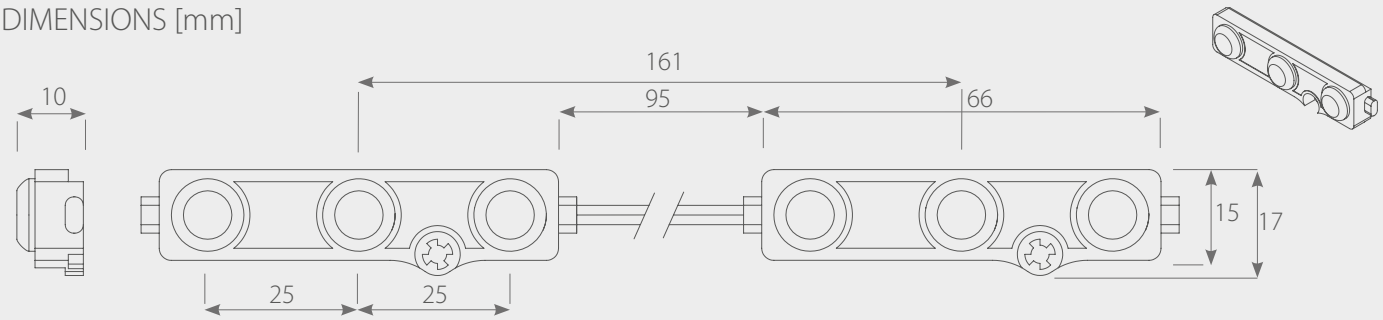
CE | 140° | IP68 | DC 12V | 50 000h

Ves$_3$ is an economical solution with a wide beam angle (140 °) and good light output. This makes it ideal for flat banners or profile letters. Thanks to high protection degree IP68 this module can be used in the wet outdoor area. The assembly is very simple thanks to the double-sided 3M™ industrial adhesive tape and fixing hole. It is possible to connect up to 50 modules in series.

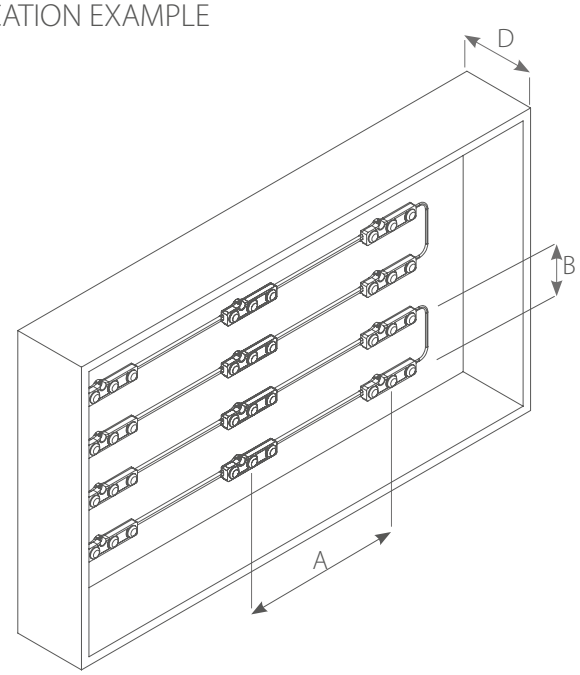
TECHNICAL DATA

Type	ves$_3$ W8K	ves$_3$ W6,5K	ves$_3$ W3K
Color	white	white	white
Voltage [V DC]	12	12	12
Current [mA]	60	60	60
Power consumption [W]	0,72	0,72	0,72
Luminous flux [lm]	60	60	60
Light output [lm / W]	83	83	83
Beam angle [°]	140	140	140
Protection degree	IP68	IP68	IP68
Color temperature [K]	8000*	6500*	3000*
Operating temperature [° C]	-20 - +50	-20 - +50	-20 - +50
LEDs	SMD2835	SMD2835	SMD2835
Max. Number of modules in series [pcs.]	50	50	50
Lifetime [h]	50.000	50.000	50.000
Warranty [months]	36	36	36
Packing [pcs.]	50	50	50

DIMENSIONS [mm]



APPLICATION EXAMPLE



D - Depth

MOUNTING EXAMPLE

D [mm]	A [mm]	B [mm]	Brightness [cd/m²]
80	140	90	1005
100	150	100	783
140	160	140	548
160	160	150	469
180	160	180	391

* The grid can change depending on the illuminated material

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mini$_3$

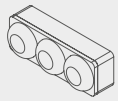
Very compact LED module with high light output. Perfect for use in narrow, small, flat and angular illuminated billboards.

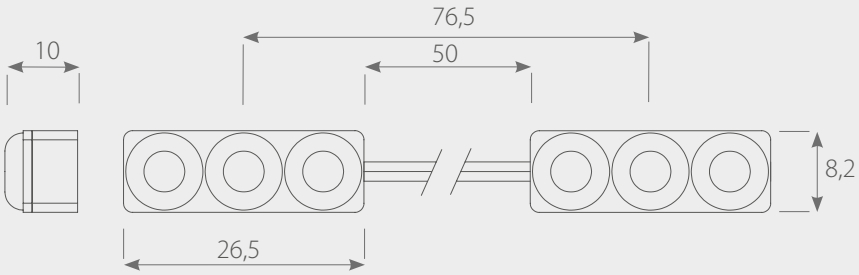
Mini$_3$ module has a beam angle of 160°. This makes it possible to achieve uniform illumination even in shallow installations. Very small dimensions allow to use it in extremely small, flat and narrow profile letters. Thanks to double-sided 3M™ industrial adhesive tape installation is very simple. Because of IP68 protection degree mini$_3$ can be used in the wet outdoor areas. The module is also protected against mechanical damage by the optimized plastic housing. It is possible to connect up to 50 modules in series.

TECHNICAL DATA

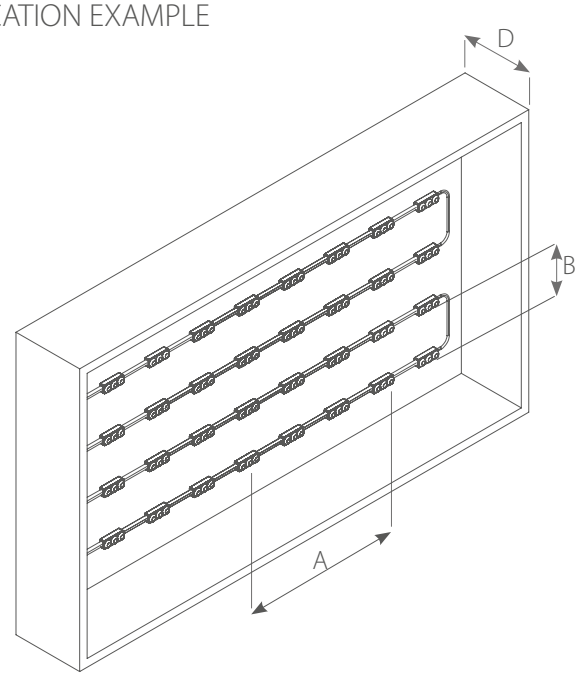
Type	mini$_3$ W12K	mini$_3$ W10K	mini$_3$ W8K
Color	white	white	white
Voltage [V DC]	12	12	12
Current [mA]	40	40	40
Power consumption [W]	0,48	0,48	0,48
Luminous flux [lm]	40	40	40
Light output [lm / W]	83	83	83
Beam angle [°]	160	160	160
Protection degree	IP68	IP68	IP68
Color temperature [K]	12000	10000	8000
Operating temperature [° C]	-40 - +65	-40 - +65	-40 - +65
LEDs	SMD2835	SMD2835	SMD2835
Max. Number of modules in series [pcs.]	50	50	50
Lifetime [h]	50.000	50.000	50.000
Warranty [months]	36	36	36
Packing [pcs.]	200	200	200

DIMENSIONS [mm]





APPLICATION EXAMPLE



D - Depth

MOUNTING EXAMPLE

D [mm]	A [mm]	B [mm]	Brightness [cd/m²]
50	50	50	3091
60	60	60	1978
70	70	70	1514
80	76,5	80	1205
100	76,5	100	1004

* The grid can change depending on the illuminated material

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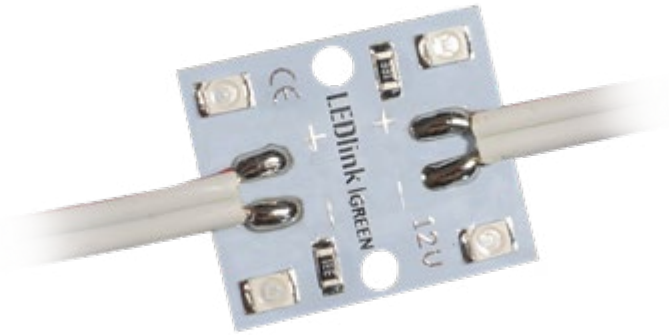
mini$_{4D}$

Compact size LED module perfect for indoor use.



CE | DC 12V | 50 000h

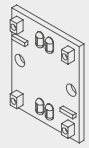
Mini4D module is an excellent choice for indoor advertising, and POS systems. Compact dimensions are it's main advantage. The length of the cables between the modules can be adapted according to customer requirements. Mounting holes facilitate assembly. It is possible to connect up to 70 modules in series.

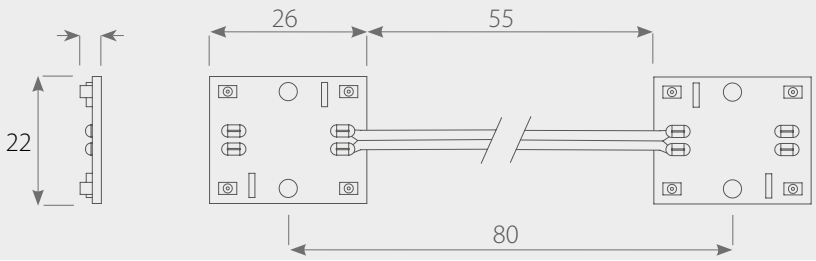
TECHNICAL DATA

Type	mini$_{4D}$ W8K	mini$_{4D}$ W6K	mini$_{4D}$ W3K	mini$_{4D}$ R	mini$_{4D}$ G	mini$_{4D}$ B
Color	white	white	white	Red	Green	Blue
Voltage [V DC]	12	12	12	12	12	12
Current [mA]	40	40	40	40	40	40
Power consumption [W]	0,48	0,48	0,48	0,48	0,48	0,48
Luminous flux [lm]	28	28	28	9	15	3
Light output [lm / W]	58	58	58	19	31	6
Beam angle [°]	120	120	120	120	120	120
Degree of protection	-	-	-	-	-	-
Color temperature [K]	8000*	6000*	3000*	-	-	-
Wavelength [µm]	-	-	-	625	525	460
Operating temperature [° C]	-20 - +60	-20 - +60	-20 - +60	-20 - +60	-20 - +60	-20 - +60
LEDs	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528
Max. Number of modules in series [pcs.]	70	70	70	70	70	70
Lifetime [h]	50.000	50.000	50.000	50.000	50.000	50.000
Warranty [months]	36	36	36	36	36	36
Packing [Stk.]	70	70	70	70	70	70

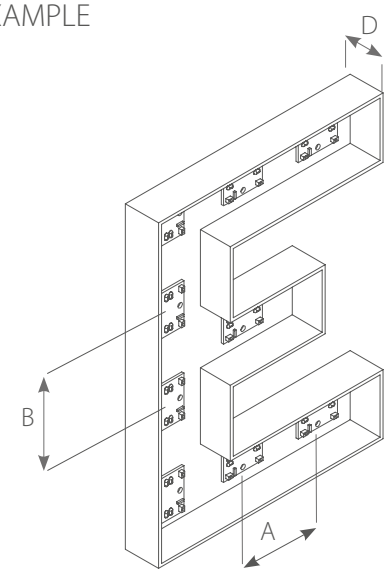
* other color temperatures are available upon request: mini$_{4D}$ W5K (5000K)

DIMENSIONS [mm]





APPLICATION EXAMPLE



D - Depth

MOUNTING EXAMPLE

D [mm]	A [mm]	B [mm]	Brightness [cd/m²]
50	50	50	3208
60	60	60	2052
80	70	70	1571
100	80	80	1154
120	80	100	962

* The grid can change depending on the illuminated material

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micron$_{5V}$

Micro LED module with minimal dimensions and the possibility to solder it on both sides. Micron5V modules are ideal for very shallow transparent letters.

Micron5V modules have been specially designed for transparent and small projects. They can be placed in milled grooves and illuminate the front of the letter from behind. The modules can be mounted on a back wall as shown in the drawing. Thanks to the beam angle of 120 ° or 175 °, even very shallow systems can be illuminated homogeneously from approx. 30 mm. The modules can be soldered from both sides thanks to their special design. Cable length can be adjusted according to customer needs. It is possible to connect up to 50 modules in series.

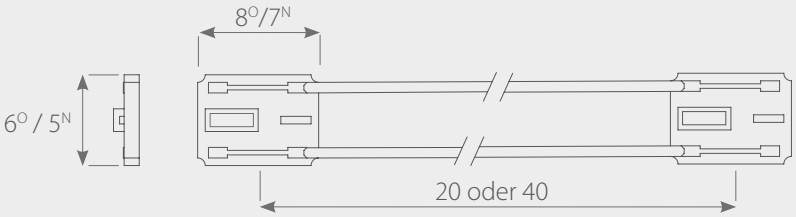
TECHNICAL DATA

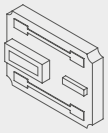
Type	micron$_{5V}$ O W4K	micron$_{5V}$ O W5K	micron$_{5V}$ O W6,5K	micron$_{5V}$ N W7K
Color	white	white	white	white
Voltage [V DC]	5	5	5	5
Current [mA]	28	28	28	40
Power consumption [W]	0,14	0,14	0,14	0,2
Luminous flux [lm]	13	13	13	20
Light output [lm / W]	92	92	92	100
Beam angle [°]	120	120	120	175
Degree of protection	-	-	-	-
Color temperature [K]	4000	5000	6500	7000
Operating temperature [° C]	-20 - +60	-20 - +60	-20 - +60	-20 - +60
LEDs	OSRAM	OSRAM	OSRAM	NICHIA
Max. Number of modules in series [pcs.]	50	50	50	50
Lifetime [h]	50.000	50.000	50.000	50.000
Warranty [months]	36	36	36	36

DIMENSIONS

^{O} - micron$_{5V}$ O

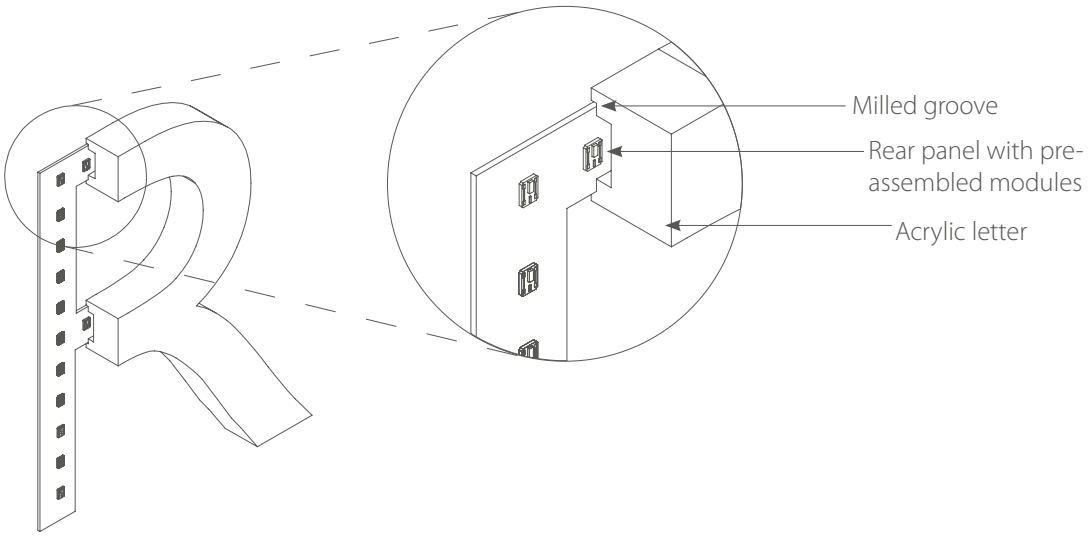
^{N} - micron$_{5V}$ N





APPLICATION EXAMPLE

Illumination of acrylic letters



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unix$_3$RGB

RGB LED module for installation depth ranged from 100 mm up to 200 mm. The color of the module can be changed as desired using a controller.

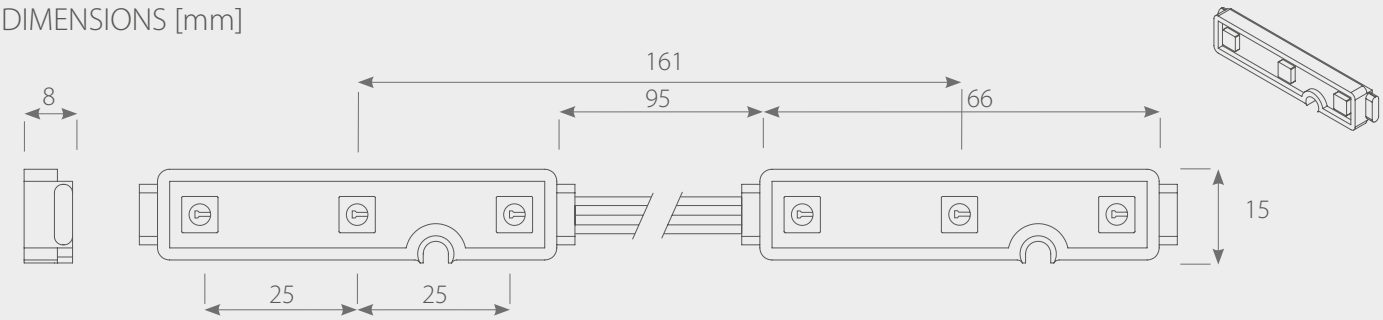
RGB | CE | IP68 | DC 12V | 40 000h

Unix$_3$ RGB module is suitable for lighting projects with changing colors. For proper operation, a separate RGB controller is required. In the case of a larger number of modules, an RGB amplifier must be added. Thanks to the IP68 protection degree is also possible to use it in the wet outdoor area.

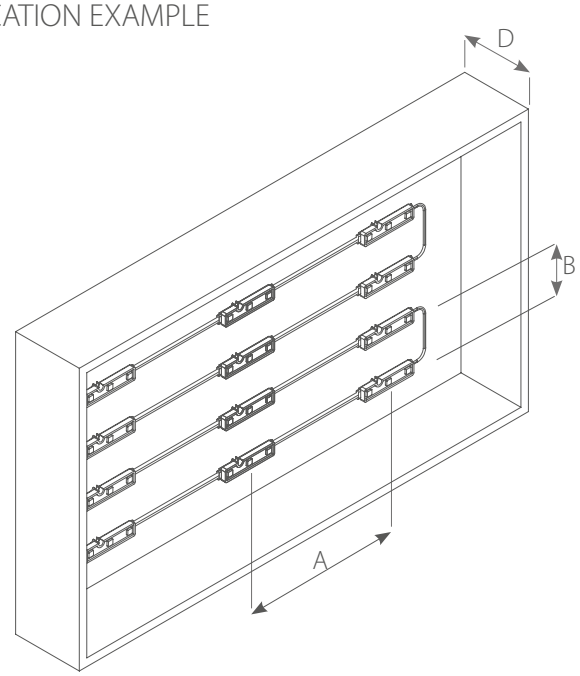
TECHNICAL DATA

Type	unix$_3$ RGB
Color	multicolor RGB
Voltage [V DC]	12
Current [mA]	60mA
Power consumption [W]	0,72
Luminous flux [lm]	-
Light output [lm / W]	-
Beam angle [°]	120
Degree of protection	IP68
Color temperature [K]	-
Wavelength [µm]	R: 620 / G: 520 / B: 460
Operating temperature [° C]	-20 - +50
LEDs	SMD5060
Max. Number of modules in series [pcs.]	50
Lifetime [h]	40.000
Warranty [months]	36

DIMENSIONS [mm]



APPLICATION EXAMPLE



D - Depth

MOUNTING EXAMPLE

D [mm]	A [mm]	B [mm]
100	140	90
120	150	100
140	150	120
160	160	150
180	160	160

* The grid can change depending on the illuminated material

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vidia$_3$RGB

RGB LED module with a beam angle of 140 °. For installation depth ranged from 80 up to 200 mm. The color of the module can be changed as desired using a controller.

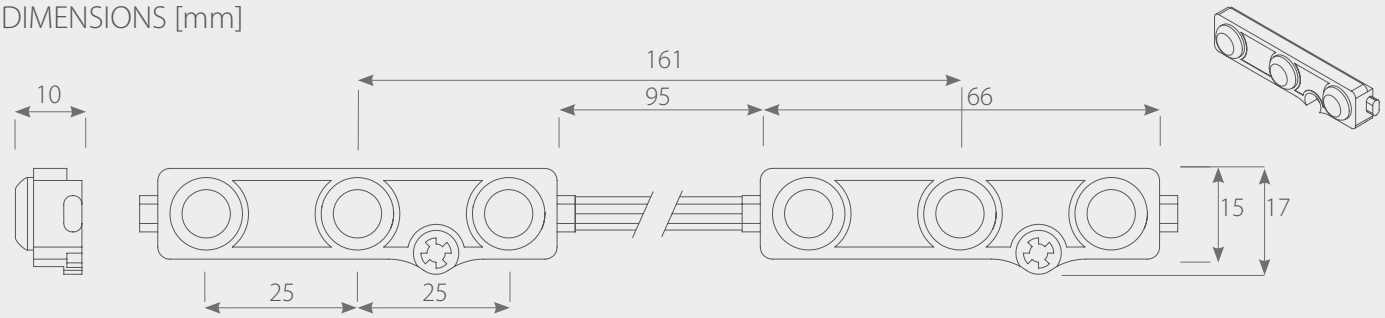
RGB | CE | 140° | IP68 | DC 12V | 40 000h

Vidia$_3$ RGB module is ideally suited for projects with changing colors and an installation depth of 80 mm, thanks to the integrated lens. A separate RGB controller is required for proper operation. For a larger number of modules an RGB amplifier must is added. Thanks to the IP68 protection degree is also possible to use it in the wet outdoor area.

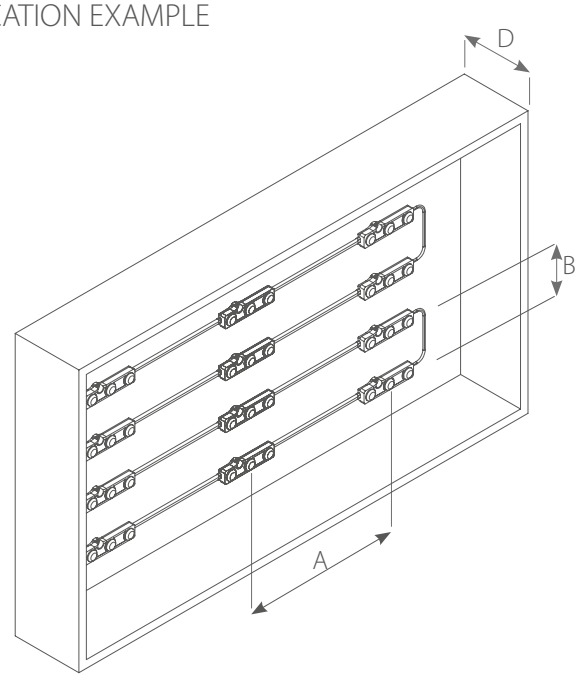
TECHNICAL DATA

Type	vidia$_3$ RGB
Color	multicolor RGB
Voltage [V DC]	12
Current [mA]	60mA
Power consumption [W]	0,72
Luminous flux [lm]	-
Light output [lm / W]	-
Beam angle [°]	140
Degree of protection	IP68
Color temperature [K]	-
Wavelength [µm]	R: 620 / G: 520 / B: 460
Operating temperature [° C]	-20 - +50
LEDs	SMD5060
Max. Number of modules in series [pcs.]	50
Lifetime [h]	40.000
Warranty [months]	36

DIMENSIONS [mm]



APPLICATION EXAMPLE



D - Depth

MOUNTING EXAMPLE

D [mm]	A [mm]	B [mm]
100	140	90
120	150	100
140	150	120
160	160	150
180	160	160

* The grid can change depending on the illuminated material

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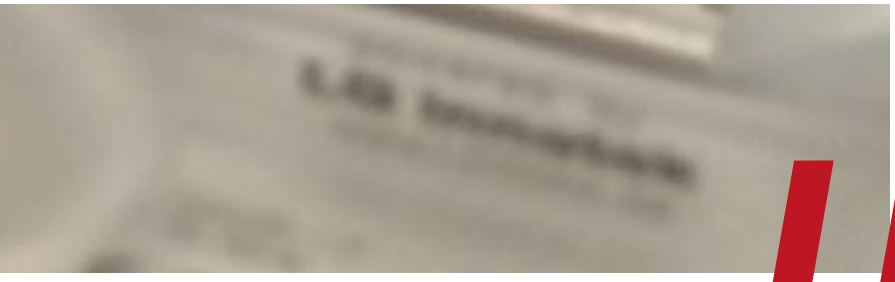
LED MODULES WITH
YEARS WARRANTY 5



LEDlink

TYP:

dEUS$_3$

LED MODULE
2.01

Extremely powerful LED module with a wide beam angle. Ideal for large area advertising. Optimum installation depth is 100 mm to 250 mm.

5 Years Warranty | CE | 160° | IP68 | DC 12V | 40 000h

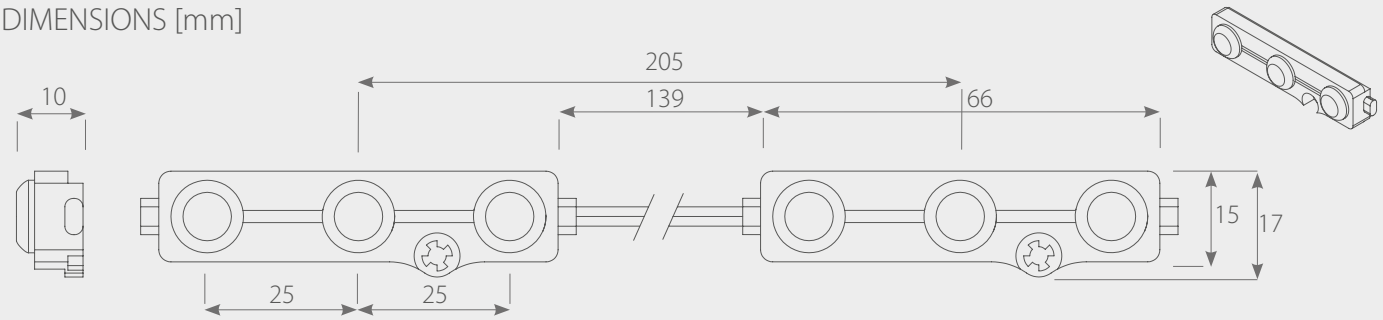
With the enormous value of 120 lm per module (100 lm / W), dEUS$_3$ stands out thanks to its very high light output and wide beam angle (160 °). Because of that very homogeneous light can be acheived. The installation is very easy with use of the double-sided 3M™ adhesive tape and fixing hole. The dEUS$_3$ is protected against mechanical damage by a robust plastic housing. Thanks to the IP68 protection it is suitable to use in the wet outdoor area. It is possible to connect up to 30 modules in series.

TECHNICAL DATA

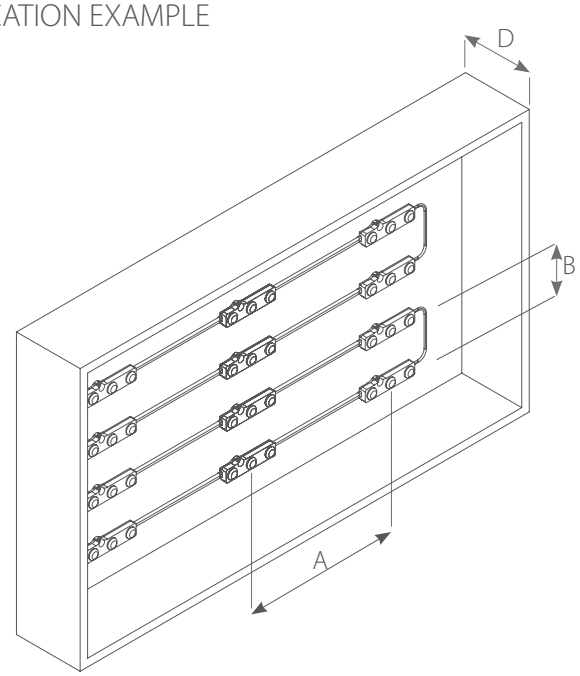
Type	dEUS$_3$ W6,5K	dEUS$_3$ W4K	dEUS$_3$ 3K
Color	white	white	white
Voltage [V DC]	12	12	12
Current [mA]	100	100	100
Power consumption [W]	1,2	1,2	1,2
Luminous flux [lm]	120	120	120
Light output [lm / W]	100	100	100
Beam angle [°]	160	160	160
Degree of protection	IP68	IP68	IP68
Color temperature [K]	6500*	4000*	3000*
Operating temperature [° C]	-20 - +50	-20 - +50	-20 - +50
LEDs	Samsung	Samsung	Samsung
Max. Number of modules in series [pcs.]	30	30	30
Lifetime [h]	40.000	40.000	40.000
Warranty [months]	60	60	60
Packing [pcs.]	50	50	50

* other color temperatures are available upon request: dEUS$_3$ 12K (12000K), dEUS$_3$ 9,5K (9500K)

DIMENSIONS [mm]



APPLICATION EXAMPLE



D - Depth

MOUNTING EXAMPLE

D [mm]	A [mm]	B [mm]	Brightness [cd/m²]
100	160	110	1251
120	170	130	1112
140	180	150	834
160	190	180	695
200	200	200	579

* The grid can change depending on the illuminated material

TABLE OF CONTENTS

TYP:

vidia$_3$

LED MODULE
2.03

Powerful LED module with a wide beam angle for use in flat banners or profile letters.

5 Years Warranty | CE | 160° | IP68 | DC 12V | 50 000h

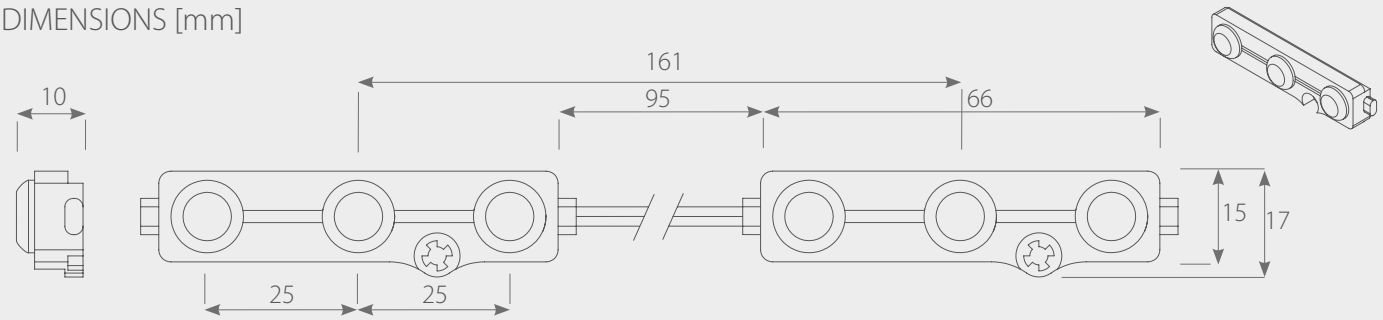
Vidia$_3$ is distinguished by a wide beam angle (160 °) and high light output (up to 89 lm / W). This makes it an ideal solution for shallow transparent billboards or profile letters. The assembly is very simple thanks to the double-sided 3M™ adhesive tape and mounting hole. The vidia$_3$ is protected against mechanical damage by an optimized plastic housing. IP68 protection degree allows the module to be used in wet outdoor areas. Up to 50 modules can be connected in series.

TECHNICAL DATA

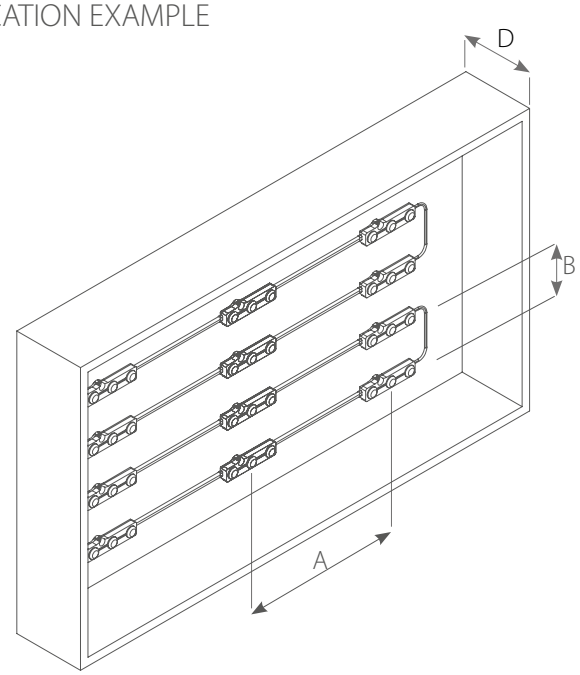
Type	vidia$_3$ W8K	vidia$_3$ W4K	vidia$_3$ R	vidia$_3$ G	vidia$_3$ B
Color	white	white	Red	Green	Blue
Voltage [V DC]	12	12	12	12	12
Current [mA]	60	60	60	60	60
Power consumption [W]	0,72	0,72	0,72	0,72	0,72
Luminous flux [lm]	64	64	18	30,5	6,8
Light output [lm / W]	89	89	25	42	9,5
Beam angle [°]	160	160	160	160	160
Degree of protection	IP68	IP68	IP68	IP68	IP68
Color temperature [K]	8000*	4000*	-	-	-
Wavelength [µm]	-	-	625	525	460
Operating temperature [° C]	-20 - +50	-20 - +50	-20 - +50	-20 - +50	-20 - +50
LEDs	LG Innotek	LG Innotek	SMD2835	SMD2835	SMD2835
Max. Number of modules in series [pcs.]	50	50	50	50	50
Lifetime [h]	50.000	50.000	50.000	50.000	50.000
Warranty [months]	60	60	60	60	60
Packing [pcs.]	50	50	50	50	50

* other color temperatures are available upon request: vidia$_3$ W6,5K (6500K), vidia$_3$ W2,8K (2800K)

DIMENSIONS [mm]



APPLICATION EXAMPLE



D - Depth

MOUNTING EXAMPLE

D [mm]	A [mm]	B [mm]	Brightness [cd/m²]
80	140	100	
100	150	110	864
140	160	150	778
160	160	160	519
180	160	180	444
			370

* The grid can change depending on the illuminated material

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unix$_3$

Highly reliable LED module for medium depth to deep advertising systems.

5 Years Warranty | CE | IP68 | DC 12V | 50 000h

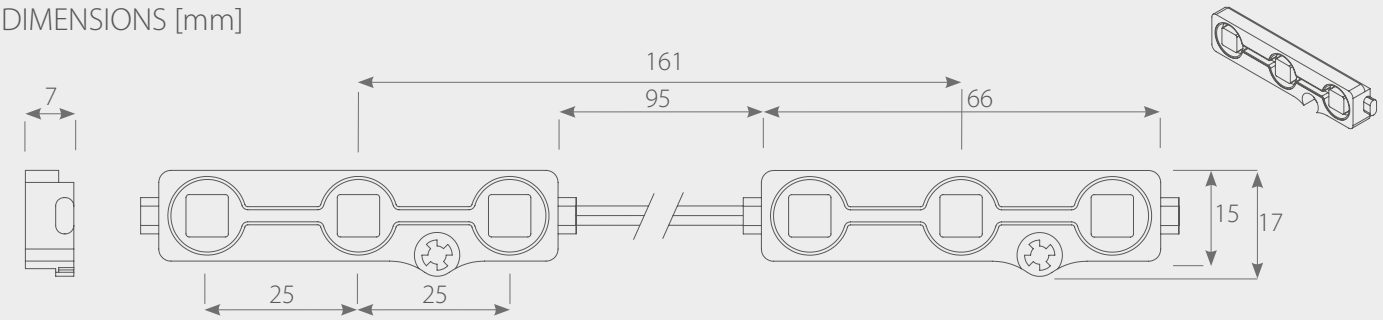
Unix3 is characterized by its high light output (89 lm / W) and reliability. The IP68 protection degree allows to use the module in wet outdoor areas. Unix3 is also protected against mechanical damage by the optimized plastic housing. Installation with a double-sided 3M ™ adhesive tape and mounting holes is very easy. Up to 50 modules can be connected in series.

TECHNICAL DATA

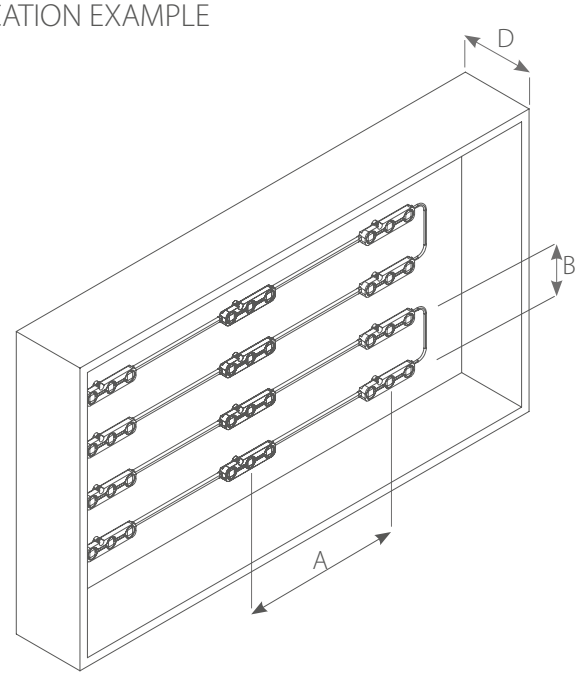
Type	unix$_3$ W8K	unix$_3$ W4K	unix$_3$ R	unix$_3$ G	unix$_3$ B
Color	white	white	Red	Green	Blue
Voltage [V DC]	12	12	12	12	12
Current [mA]	60	60	60	60	60
Power consumption [W]	0,72	0,72	0,72	0,72	0,72
Luminous flux [lm]	64	64	18	30,5	6,8
Light output [lm / W]	89	89	25	42	9,5
Beam angle [°]	120	120	120	120	120
Degree of protection	IP68	IP68	IP68	IP68	IP68
Color temperature [K]	8000*	4000*	-	-	-
Wavelength [µm]	-	-	625	525	460
Operating temperature [° C]	-20 - +60	-20 - +60	-20 - +60	-20 - +60	-20 - +60
LEDs	LG Innotek	LG Innotek	SMD2835	SMD2835	SMD2835
Max. Number of modules in series [pcs.]	50	50	50	50	50
Lifetime [h]	50.000	50.000	50.000	50.000	50.000
Warranty [months]	60	60	60	60	60
Packing [pcs.]	50	50	50	50	50

* other color temperatures are available upon request:unix$_3$ W6,5K (6500K), unix$_3$ W2,8K (2800K)

DIMENSIONS [mm]



APPLICATION EXAMPLE



D - Depth

MOUNTING EXAMPLE

D [mm]	A [mm]	B [mm]	Brightness [cd/m²]
100	140	90	1411
120	150	100	1283
140	150	120	1026
160	160	150	769
180	160	160	659

* The grid can change depending on the illuminated material

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TYP:

dEUS$_2$

LED MODULE
2.07

Extremely powerful LED module with a wide beam angle. Ideal for large area advertising. Optimum installation depth is 60 mm to 140 mm.

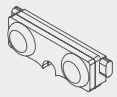
5 Years Warranty | CE | 160° | IP68 | DC 12V | 50 000h

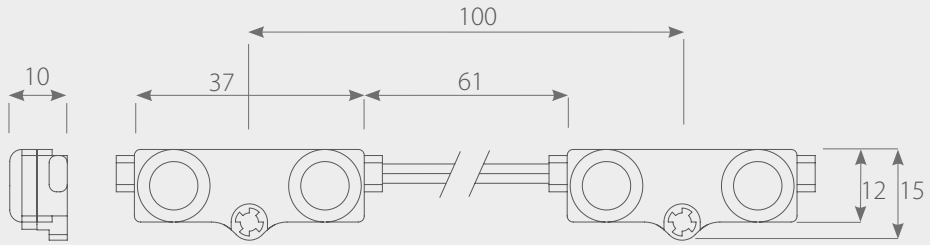
With the enormous value of 80 lm per module (89 lm / W), dEUS$_2$ stands out thanks to its very high light output and wide beam angle (160 °). Because of that very homogeneous light can be acheived. The installation is very easy with use of the double-sided 3M™ adhesive tape and fixing hole. The dEUS$_2$ is protected against mechanical damage by a robust plastic housing. Thanks to the IP68 protection it is suitable to use in the wet outdoor area. It is possible to connect up to 30 modules in series.

TECHNICAL DATA

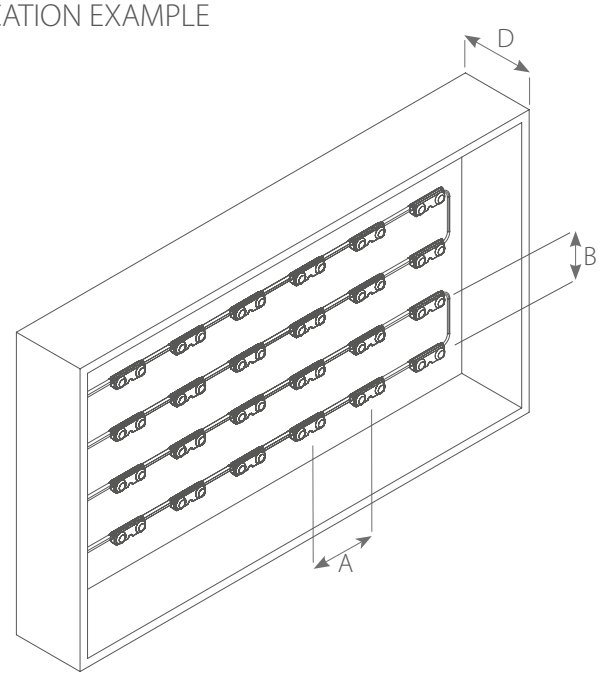
Type	dEUS$_2$ W6,5K	dEUS$_2$ W4K	dEUS$_2$ W3K
Color	white	white	white
Voltage [V DC]	12	12	12
Current [mA]	75	75	75
Power consumption [W]	0,9	0,9	0,9
Luminous flux [lm]	80	80	80
Light output [lm / W]	89	89	89
Beam angle [°]	160	160	160
Degree of protection	IP68	IP68	IP68
Color temperature [K]	6500	4000	3000
Wavelength [µm]	-	-	-
Operating temperature [° C]	-20 - +50	-20 - +50	-20 - +50
LEDs	Samsung	Samsung	Samsung
Max. Number of modules in series [pcs.]	50	50	50
Lifetime [h]	50.000	50.000	50.000
Warranty [months]	60	60	60
Packing [pcs.]	100	100	100

DIMENSIONS [mm]





APPLICATION EXAMPLE



D - Depth

MOUNTING EXAMPLE

D [mm]	A [mm]	B [mm]	Brightness [cd/m²]
60	80	80	2372
80	90	90	2010
100	100	100	1660
120	100	120	1328
140	100	140	1162

* The grid can change depending on the illuminated material

TABLE OF CONTENTS

vidia$_2$

Efficient 2-diode LED module with a wide beam angle for use in shallow banners and profile letters.

5 Years Warranty | CE | 160° | IP68 | DC 12V | 50 000h

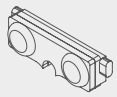
Vidia$_2$ is distinguished by a wide beam angle (160 °) and high light output. Thanks to the small dimensions it is a very good addition to the vidia$_3$ and perfect solution for small, shallow and narrow profile letters. Assembly is very simple thanks to the double-sided 3M™ industrial adhesive tape and fixing hole. Vidia$_2$ is protected against mechanical damage by an optimized plastic housing. IP68. allows to use the module in wet outdoor areas. Up to 50 modules can be connected in series.

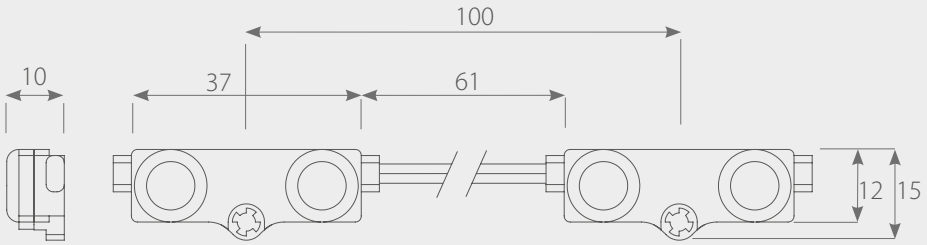
TECHNICAL DATA

Type	vidia$_2$ W8K	vidia$_2$ W4K	vidia$_2$ R	vidia$_2$ G	vidia$_2$ B
Color	white	white	Red	Green	Blue
Voltage [V DC]	12	12	12	12	12
Current [mA]	60	60	40	40	40
Power consumption [W]	0,72	0,72	0,48	0,48	0,48
Luminous flux [lm]	50	50	12	20,3	6,8
Light output [lm / W]	70	70	25	28	6,2
Beam angle [°]	160	160	160	160	160
Degree of protection	IP68	IP68	IP68	IP68	IP68
Color temperature [K]	8000	4000	-	-	-
Wavelength [µm]	-	-	625	525	460
Operating temperature [° C]	-20 - +50	-20 - +50	-20 - +50	-20 - +50	-20 - +50
LEDs	LG Innotek	LG Innotek	SMD2835	SMD2835	SMD2835
Max. Number of modules in series [pcs.]	50	50	50	50	50
Lifetime [h]	50.000	50.000	50.000	50.000	50.000
Warranty [months]	60	60	60	60	60
Packing [pcs.]	100	100	100	100	100

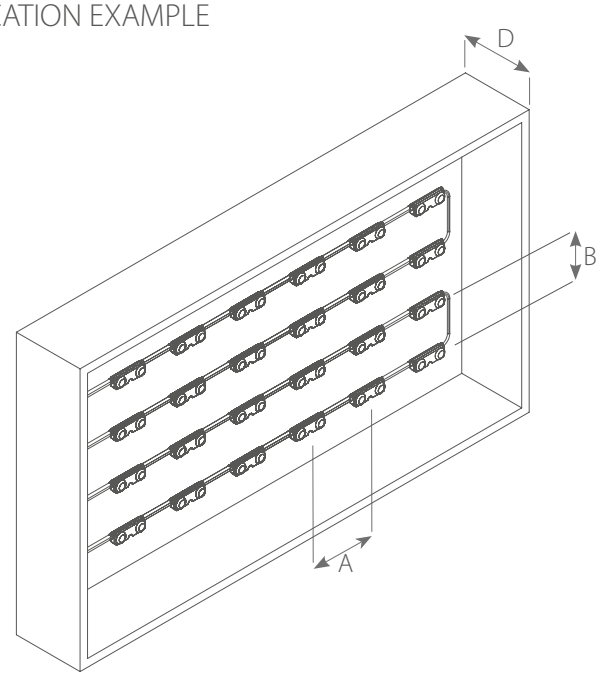
* other color temperatures are available upon request: vidia$_2$ W6,5K (6500K), vidia$_2$ W2,8K (2800K)

DIMENSIONS [mm]





APPLICATION EXAMPLE



D - Depth

MOUNTING EXAMPLE

D [mm]	A [mm]	B [mm]	Brightness [cd/m²]
60	80	80	1196
80	90	90	1005
100	100	100	830
120	100	120	664
140	100	140	581

* The grid can change depending on the illuminated material

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miniBOX

LED module for use in double-sided light boxes.

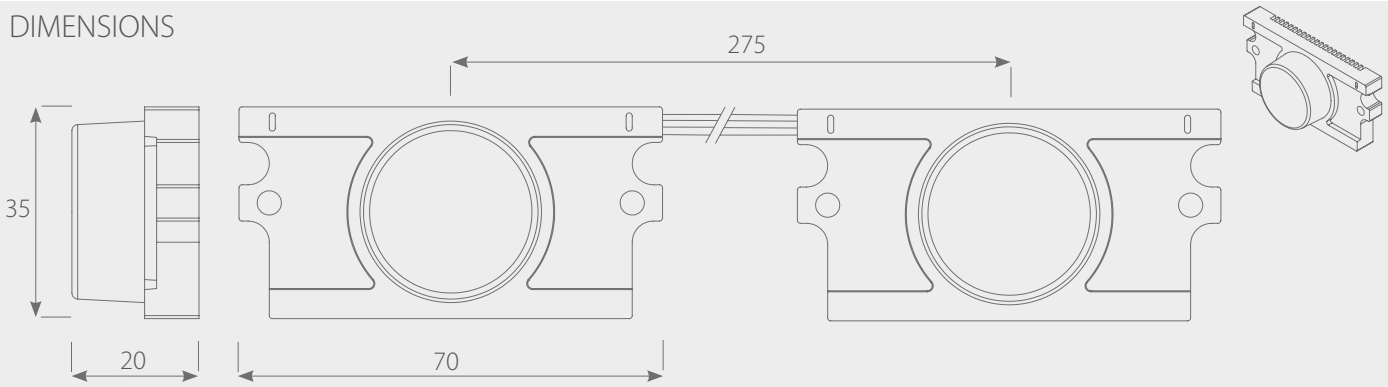
5 Years Warranty | CE | IP67 | DC 12V | 50 000h

MiniBOX module is a frame module with lens for illuminating double-sided light boxes from approx. 100 mm depth. It creates a uniform illumination of the transparent billboards. The installation is very easy with the double-sided 3M ™ adhesive tape and fixing holes. The miniBOX module is protected against mechanical damage by a robust and optimized plastic housing. Thanks to the IP67 protection degree it can be used in wet outdoor area. It is possible to connect up to 21 modules in series. The miniBOX modules can be separated after each third module. The place of separation is marked.

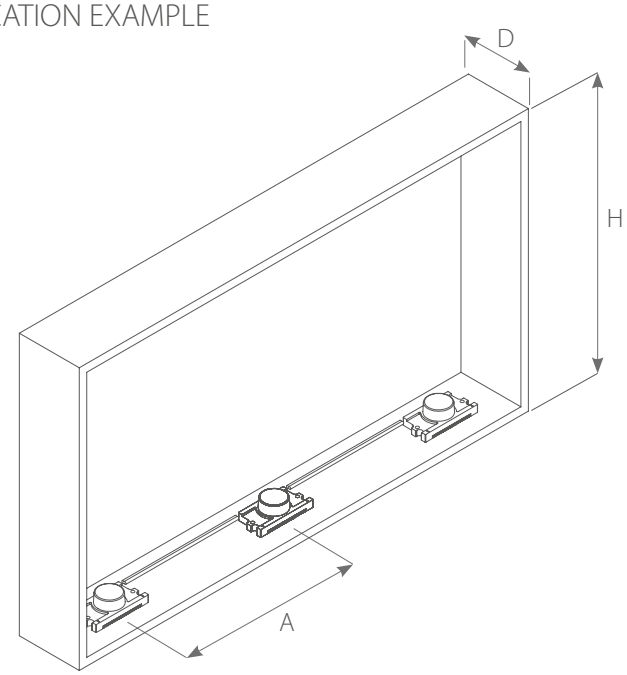
TECHNICAL DATA

Type	miniBOX W6,5K
Color	white
Voltage [V DC]	12
Current [mA]	225
Power consumption [W]	2,7
Luminous flux [lm]	230-240
Light output [lm / W]	85
Beam angle [°]	20 x 70
Degree of protection	IP67
Color temperature [K]	6500
Operating temperature [° C]	-40 - +55
LEDs	Samsung
Modules in series [Stk.]	21
Divisible	3 modules each
Lifetime [h]	50.000
Warranty [months]	60
Packing [pcs.]	21

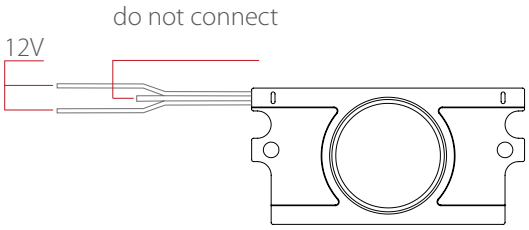
DIMENSIONS



APPLICATION EXAMPLE



D - Depth



Separation is possible after every 3rd module.

There is a marking on the cable (line or scissors symbol) at the intended location.

MOUNTING EXAMPLE

H [mm]	D [mm]	A [mm] *	Arrangement of modules
H<800	min. 100	150	one-sided
800<H<2000	min. 100	150	double-sided

* The module distances (A) can change depending on the requirements of the project.

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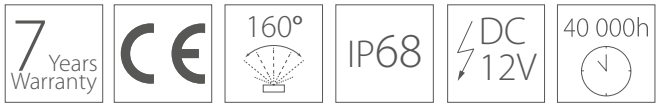
SERIES

LED MODULES WITH 7 YEARS WARRANTY

LEDlink

dEUS$_{3X}$

Extremely powerful LED module with 7-year warranty and a wide beam angle. Ideal for large area advertising.



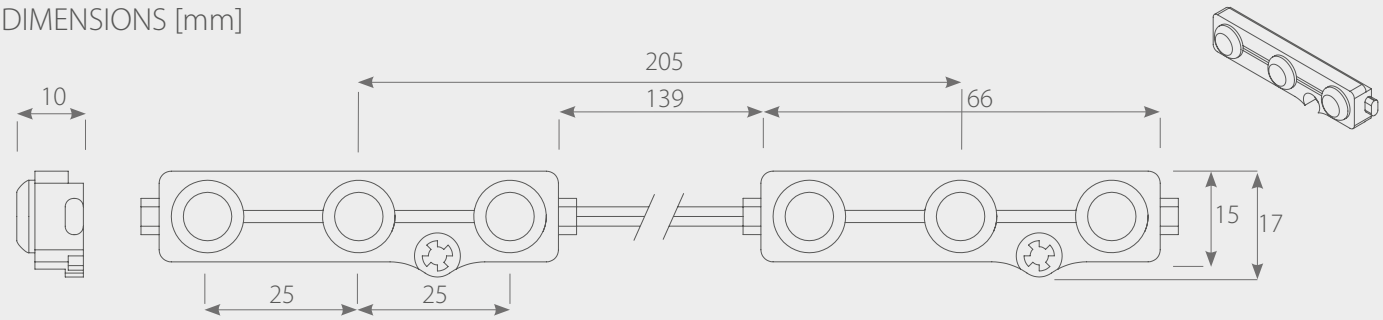
With the enormous value of 120 lm per module (100 lm/W), dEUS$_{3X}$ stands out thanks to its very high light output and wide beam angle (160 °). Because of that very homogeneous light can be achieved. Thanks to the constant current system, dEUS$_{3X}$ has a 7-year warranty. The installation is very easy with the double-sided 3M™ adhesive tape and fixing hole. dEUS$_{3X}$ is protected against mechanical damage by a robust and optimized plastic housing. Thanks to the IP68 protection degree it can be used in the wet outdoor areas. It is possible to connect up to 30 modules in series.

TECHNICAL DATA

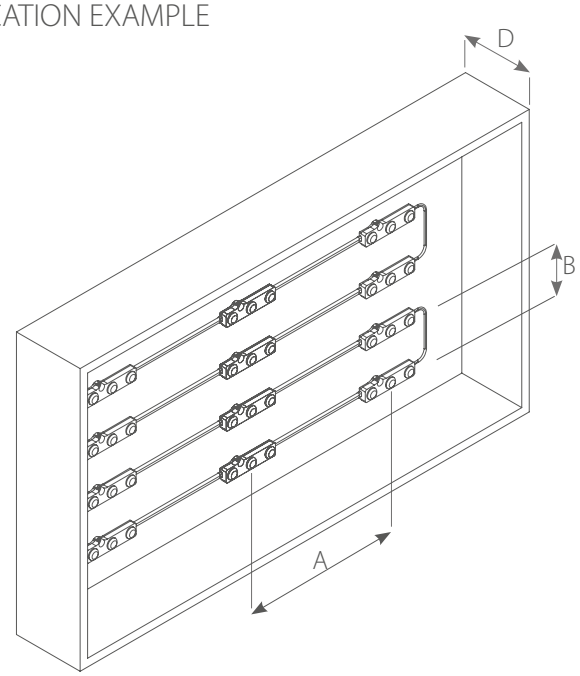
Type	dEUS$_3$ W6,5K	dEUS$_3$ W4K	dEUS$_3$ 3K
Color	white	white	white
Voltage [V DC]	12	12	12
Current [mA]	100	100	100
Power consumption [W]	1,2	1,2	1,2
Luminous flux [lm]	120	120	120
Light output [lm / W]	100	100	100
Beam angle [°]	160	160	160
Degree of protection	IP68	IP68	IP68
Color temperature [K]	6500*	4000*	3000*
Operating temperature [° C]	-20 - +50	-20 - +50	-20 - +50
LEDs	Samsung	Samsung	Samsung
Max. Number of modules in series [pcs.]	30	30	30
Lifetime [h]	40.000	40.000	40.000
Warranty [months]	84	84	84
Packing [pcs.]	50	50	50

* other color temperatures are available upon request: dEUS$_3$ W12k (12000K), dEUS$_3$ W9,5k (9500K)

DIMENSIONS [mm]



APPLICATION EXAMPLE



D - Depth

MOUNTING EXAMPLE

D [mm]	A [mm]	B [mm]	Brightness [cd/m²]
100	160	110	
120	170	130	1251
140	180	150	1112
160	190	180	834
200	200	200	695
			579

* The grid can change depending on the illuminated material

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vidia$_{3X}$

Powerful LED module with 7-year warranty and a wide beam angle for use in shallow advertising systems.

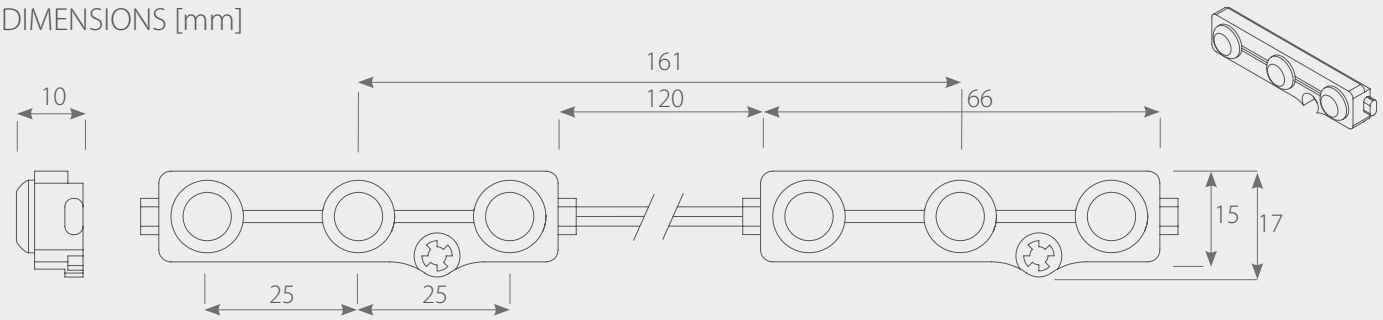
7 Years Warranty | CE | 160° | IP68 | DC 12V | 50 000h

Vidia3X module has a 7-year warranty, a wide beam angle (160 °) and a high light output (up to 89 lm / W). Vidia$_{3X}$ modules have a constant current Ssystem. Thus it is an ideal solution for shallow banners or profile letters. The assembly is kept very simple by double-sided 3M ™ industrial adhesive tape and fixing holes. Vidia$_{3X}$ is protected against mechanical damage by an optimized plastic housing. Thanks to the IP68 protection degree it can be used in the wet outdoor areas. It is possible to connect up to 50 modules in series.

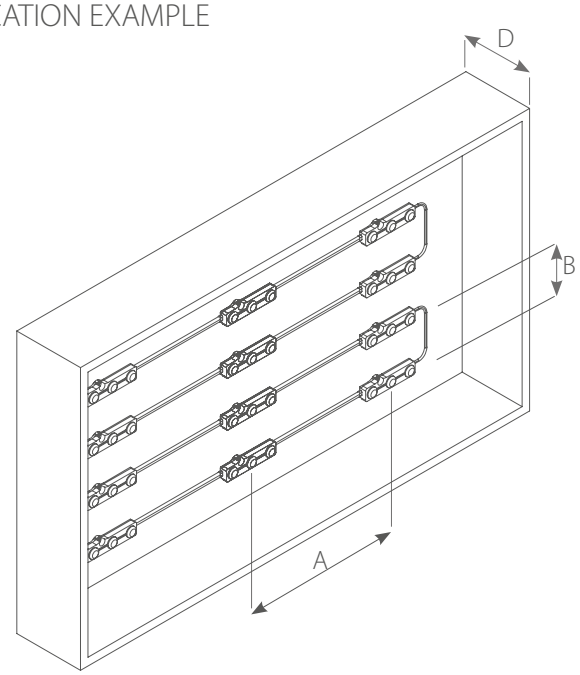
TECHNICAL DATA

Type	vidia$_{3X}$ W8K	vidia$_{3X}$ W6,5K	vidia$_{3X}$ W4K	vidia$_{3X}$ W2,8K
Color	white	white	white	white
Voltage [V DC]	12	12	12	12
Current [mA]	60	60	60	60
Power consumption [W]	0,72	0,72	0,72	0,72
Luminous flux [lm]	64	64	64	64
Light output [lm / W]	89	89	89	89
Beam angle [°]	160	160	160	160
Degree of protection	IP68	IP68	IP68	IP68
Color temperature [K]	8000	6500	4000	2800
Operating temperature [° C]	-20 - +50	-20 - +50	-20 - +50	-20 - +50
LEDs	LG Innotek	LG Innotek	LG Innotek	LG Innotek
Max. Number of modules in series [pcs.]	50	50	50	50
Lifetime [h]	50.000	50.000	50.000	50.000
Warranty [months]	84	84	84	84
Packing [pcs.]	50	50	50	50

DIMENSIONS [mm]



APPLICATION EXAMPLE



D - Depth

MOUNTING EXAMPLE

D [mm]	A [mm]	B [mm]	Brightness [cd/m²]
80	140	100	864
100	150	110	778
140	160	150	519
160	160	160	444
180	160	180	370

* The grid can change depending on the illuminated material

TABLE OF CONTENTS

BOXlight

Reliable module with 7-year warranty for use in double-sided transparent billboards.

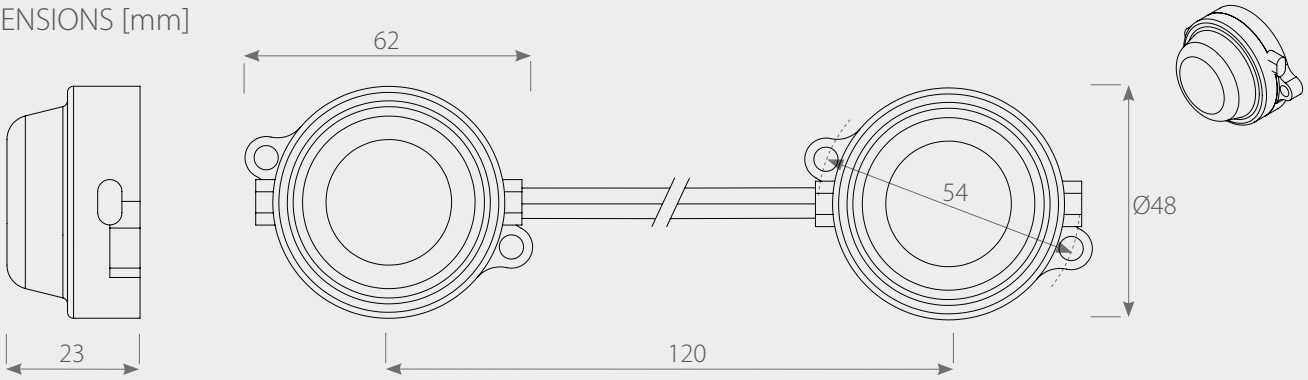
7 Years Warranty | CE | IP68 | DC 12V/24V | 40 000h

BOXlight module is a frame module with lens for illuminating double-sided light boxes from approx. 100 mm depth. It allowa a uniform illumination of the transparent billboards. The installation is very easy with the double-sided 3M™ adhesive tape and fixing holes. BOXlight module is protected against mechanical damage by a robust and optimized plastic housing. Thanks to the IP68 protection degree it can be used in the wet outdoor areas. It is possible to connect up to 20 modules (12 VDC) / 30 modules (24 VDC) in series. The BOXlight module can be disconnected after each module, can be operated with 12 V or 24 V and has a 7-year warranty thanks to the constant current system.

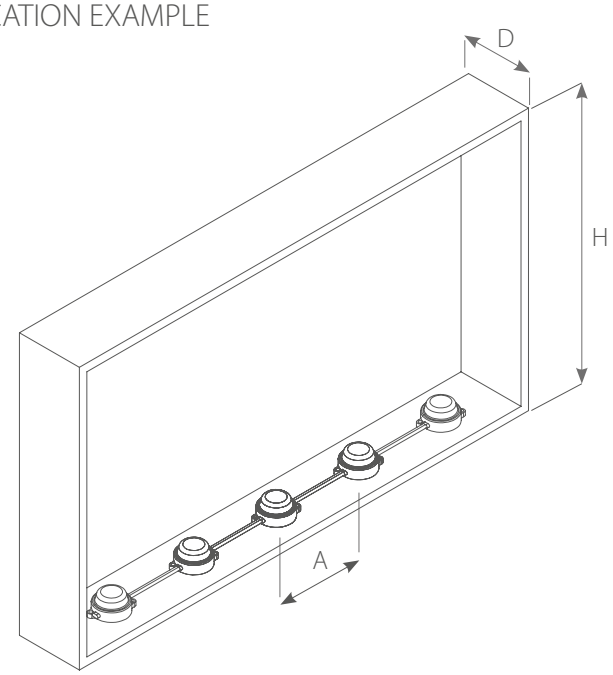
TECHNICAL DATA

Type	BOXlight W6,5K	BOXlight W3K
Color	white	white
Voltage [V DC]	12/24	12/24
Current [mA]	225 [12VDC] / 112 [24VDC]	225 [12VDC] / 112 [24VDC]
Power consumption [W]	2,7	2,7
Luminous flux [lm]	210	210
Light output [lm / W]	78	78
Beam angle [°]	25 x 50	25 x 50
Degree of protection	IP68	IP68
Color temperature [K]	6500	3000
Operating temperature [° C]	-40 - +55	-40 - +55
LEDs	LG Innotek	LG Innotek
Modules in series [Stk.]	20 (12VDC) / 30 (24VDC)	20 (12VDC) / 30 (24VDC)
Divisible	each module	each module
Lifetime [h]	40.000	40.000
Warranty [months]	84	84
Packing [pcs.]	20	20

DIMENSIONS [mm]



APPLICATION EXAMPLE



D - Depth

MOUNTING EXAMPLE

H [mm]	D [mm]	A [mm] *	Arrangement of modules
H<800	min. 100	120	one-sided
800<H<1500	min. 100	120	double-sided

* The module distances (A) can change depending on the requirements of the project.

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SERIES

LED STRIPES

LEDlink

LinkS$_{150}$

LED stripe with 150 diodes per 5m roll. Can be divided into 100mm sections.

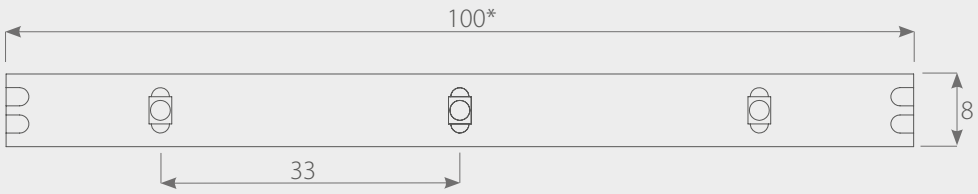
CE | DC 12V | 30 000h

LinkS$_{150}$ is a stripe with 150 diodes per 5m roll. It is excellent for light boxes, POS systems, furniture and elements of interior design. Double-sided 3M™ industrial adhesive tape on the back is used for assembly. LinkS$_{150}$ stripes are powered by a 12 VDC power supply and have a 2 year warranty.

TECHNICAL DATA

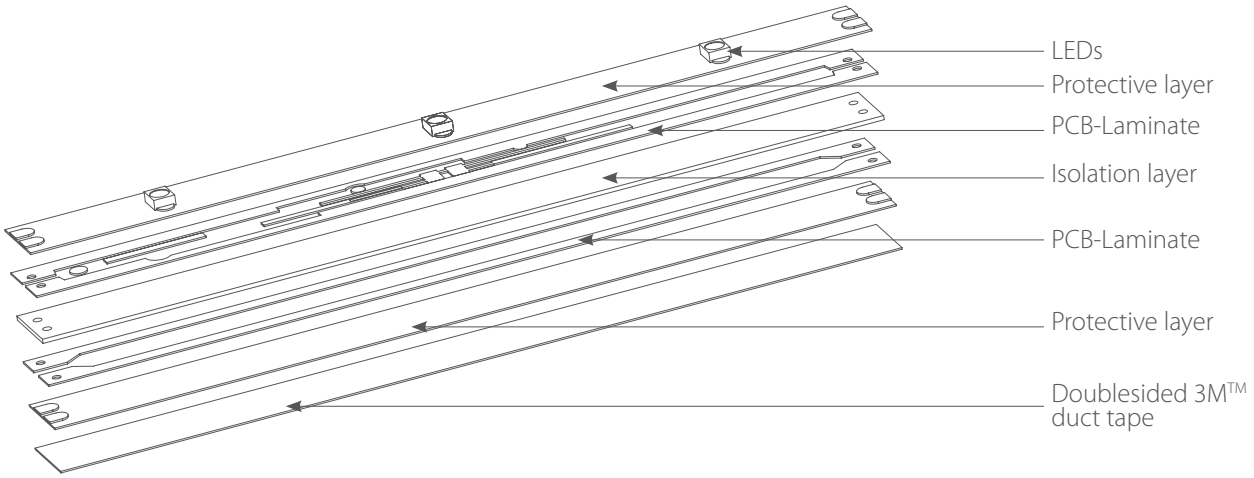
Type	LinkS$_{150}$ W8K	LinkS$_{150}$ W6K	LinkS$_{150}$ W4,3K	LinkS$_{150}$ W3K	LinkS$_{150}$ R	LinkS$_{150}$ G	LinkS$_{150}$ B
Color	white	white	white	white	Red	Green	Blue
Voltage [VDC]	12	12	12	12	12	12	12
Current [mA / 1m]	160 ~ 200	160 ~ 200	160 ~ 200	160 ~ 200	160 ~ 200	160 ~ 200	160 ~ 200
Power consumption [W]	2,4 (±5%)	2,4 (±5%)	2,4 (±5%)	2,4 (±5%)	2,4 (±5%)	2,4 (±5%)	2,4 (±5%)
Luminous flux [lm]	200 (±5%)	200 (±5%)	200 (±5%)	200 (±5%)	-	-	-
Light output [lm / W]	83	83	83	83	-	-	-
Beam angle [°]	120	120	120	120	120	120	120
Degree of protection	-	-	-	-	-	-	-
Color temperature [K]	8000 (±5%)	6000 (±5%)	4300 (±5%)	3000 (±5%)	-	-	-
Wavelength [µm]	-	-	-	-	620	520	460
Operating temperature [° C]	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40
LEDs	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528
LED quantity per 1m [pcs.]	30	30	30	30	30	30	30
Partial [cm]	10	10	10	10	10	10	10
Lifetime [h]	30.000	30.000	30.000	30.000	30.000	30.000	30.000
Warranty [months]	24	24	24	24	24	24	24
Packing [m]	5	5	5	5	5	5	5

DIMENSIONS [mm]



* Dimension of the section

CONSTRUCTION



There may be max. 5 m of stripe connected in series.

TABLE OF CONTENTS

LinkS$_{150P}$

LED stripe with 150 diodes per 5m roll and IP65 protection. Can be split into 100mm sections.

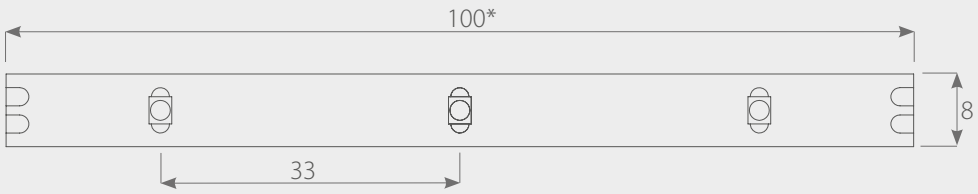
IP65 | CE | DC 12V | 30 000h

LinkS$_{150P}$ is a stripe with 150 diodes per 5m roll. These stripes are suitable for outdoor use thanks to the IP65 protection. It is perfect for a very economical lighting of light boxes, POS systems, furniture and elements of the Interior design. Double-sided 3M™ industrial adhesive tape on the back is used for assembly. LinkS$_{150P}$ stripes are powered by 12VDC and have a 2 year warranty.

TECHNICAL DATA

Type	LinkS$_{150P}$ W8K	LinkS$_{150P}$ W6K	LinkS$_{150P}$ W4,3K	LinkS$_{150P}$ W3K	LinkS$_{150P}$ R	LinkS$_{150P}$ G	LinkS$_{150P}$ B
Color	white	white	white	white	Red	Green	Blue
Voltage [VDC]	12	12	12	12	12	12	12
Current [mA / 1m]	160 ~ 200	160 ~ 200	160 ~ 200	160 ~ 200	160 ~ 200	160 ~ 200	160 ~ 200
Power consumption [W]	2,4 (±5%)	2,4 (±5%)	2,4 (±5%)	2,4 (±5%)	2,4 (±5%)	2,4 (±5%)	2,4 (±5%)
Luminous flux [lm]	200 (±5%)	200 (±5%)	200 (±5%)	200 (±5%)	-	-	-
Light output [lm / W]	83	83	83	83	-	-	-
Beam angle [°]	120	120	120	120	120	120	120
Degree of protection	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Color temperature [K]	8000 (±5%)	6000 (±5%)	4300 (±5%)	3000 (±5%)	-	-	-
Wavelength [µm]	-	-	-	-	620	520	460
Operating temperature [° C]	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40
LEDs	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528
LED quantity per 1m [pcs.]	30	30	30	30	30	30	30
Partial [cm]	10	10	10	10	10	10	10
Lifetime [h]	30.000	30.000	30.000	30.000	30.000	30.000	30.000
Warranty [months]	24	24	24	24	24	24	24
Packing [m]	5	5	5	5	5	5	5

DIMENSIONS [mm]



* Dimension of the section

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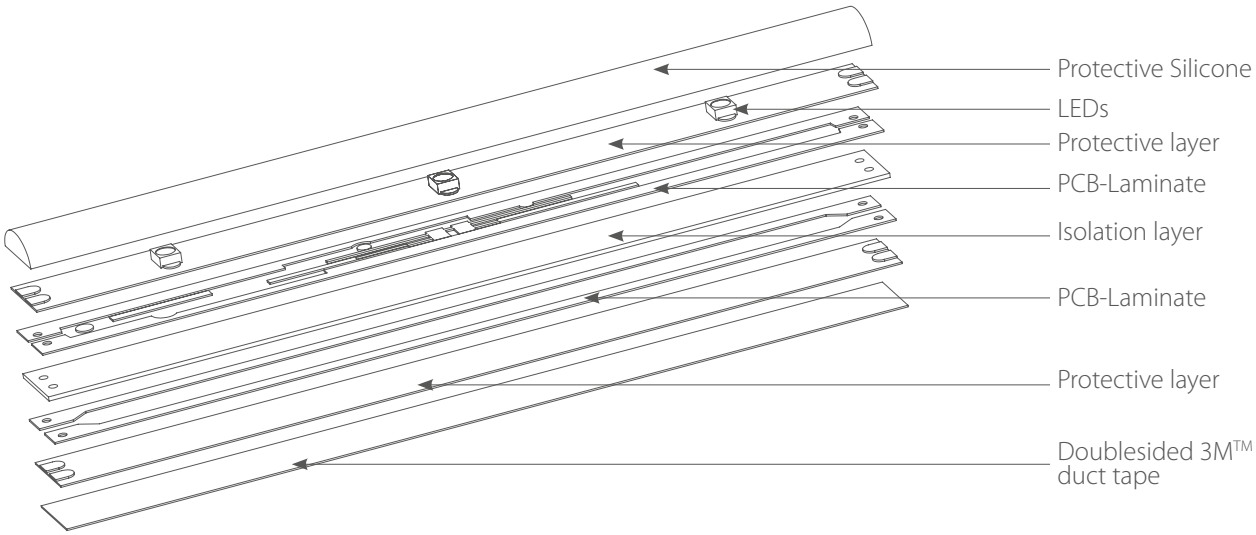

There may be max. 5 m of stripe connected in series.

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LinkS$_{300}$

LED stripe with 300 diodes per 5m roll. Can be divided into 50mm sections.

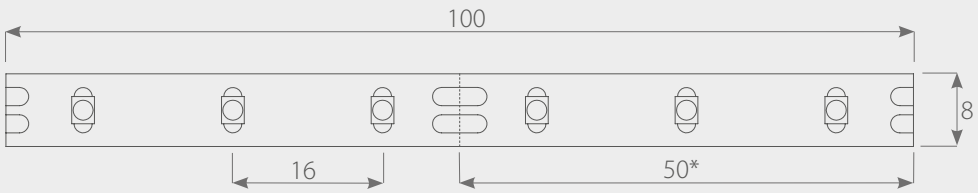
CE | DC 12V | 30 000h

LinkS$_{300}$ is a stripe with 300 diodes per 5m roll. It is ideally suited for illuminating light boxes, POS systems, furniture and interior elements. Double-sided 3M™ industrial adhesive tape on the back is used for assembly. The LinkS$_{300}$ stripes are powered by a 12VDC power supply and have a 2 year warranty.

TECHNICAL DATA

Type	LinkS$_{300}$ W8K	LinkS$_{300}$ W6K	LinkS$_{300}$ W4,3K	LinkS$_{300}$ W3K	LinkS$_{300}$ R	LinkS$_{300}$ G	LinkS$_{300}$ B
Color	white	white	white	white	Red	Green	Blue
Voltage [VDC]	12	12	12	12	12	12	12
Current [mA / 1m]	340 ~ 400	340 ~ 400	340 ~ 400	340 ~ 400	340 ~ 400	340 ~ 400	340 ~ 400
Power consumption [W]	4,8 (±5%)	4,8 (±5%)	4,8 (±5%)	4,8 (±5%)	4,8 (±5%)	4,8 (±5%)	4,8 (±5%)
Luminous flux [lm]	400 (±5%)	400 (±5%)	400 (±5%)	400 (±5%)	-	-	-
Light output [lm / W]	83	83	83	83	-	-	-
Beam angle [°]	120	120	120	120	120	120	120
Degree of protection	-	-	-	-	-	-	-
Color temperature [K]	8000 (±5%)	6000 (±5%)	4300 (±5%)	3000 (±5%)	-	-	-
Wavelength [µm]	-	-	-	-	620	520	460
Operating temperature [° C]	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40
LEDs	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528
LED quantity per 1m [pcs.]	60	60	60	60	60	60	60
Partial [cm]	5	5	5	5	5	5	5
Lifetime [h]	30.000	30.000	30.000	30.000	30.000	30.000	30.000
Warranty [months]	24	24	24	24	24	24	24
Packing [m]	5	5	5	5	5	5	5

DIMENSIONS [mm]



* Dimension of the section

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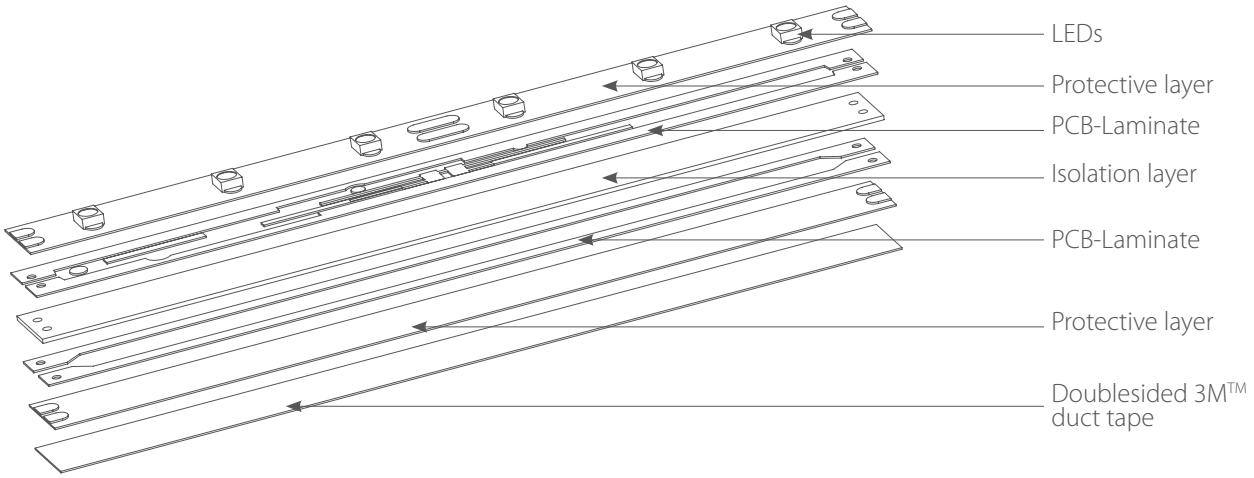

There may be max. 5 m of stripe connected in series.

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LinkS$_{300P}$

LED stripe with 300 diodes per 5m roll and IP65 protection. Can be divided into 50mm sections.

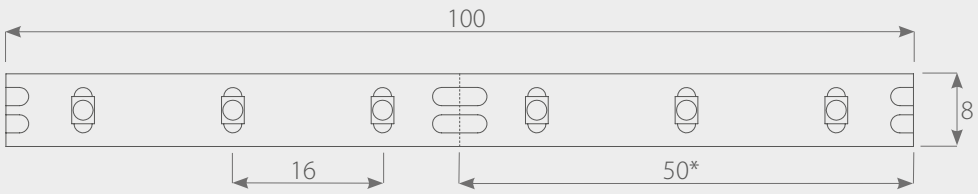
IP65 | CE | DC 12V | 30 000h

LinkS$_{300P}$ is a stripe with 300 diodes per 5m roll. Thanks to the IP65 protection, these stripes are suitable for outdoor use. It is perfect for illuminating light boxes, POS systems, furniture and interior elements. Double-sided 3M™ industrial adhesive tape on the back is used for assembly. The LinkS$_{300P}$ stripes are powered by 12 VDC and have a 2 year warranty.

TECHNICAL DATA

Type	LinkS$_{300P}$ W8K	LinkS$_{300P}$ W6K	LinkS$_{300P}$ W4,3K	LinkS$_{300P}$ W3K	LinkS$_{300P}$ R	LinkS$_{300P}$ G	LinkS$_{300P}$ B
Color	white	white	white	white	Red	Green	Blue
Voltage [VDC]	12	12	12	12	12	12	12
Current [mA / 1m]	340 ~ 400	340 ~ 400	340 ~ 400	340 ~ 400	340 ~ 400	340 ~ 400	340 ~ 400
Power consumption [W]	4,8 (±5%)	4,8 (±5%)	4,8 (±5%)	4,8 (±5%)	4,8 (±5%)	4,8 (±5%)	4,8 (±5%)
Luminous flux [lm]	400 (±5%)	400 (±5%)	400 (±5%)	400 (±5%)	-	-	-
Light output [lm / W]	83	83	83	83	-	-	-
Beam angle [°]	120	120	120	120	120	120	120
Degree of protection	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Color temperature [K]	8000 (±5%)	6000 (±5%)	4300 (±5%)	3000 (±5%)	-	-	-
Wavelength [µm]	-	-	-	-	620	520	460
Operating temperature [° C]	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40
LEDs	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528
LED quantity per 1m [pcs.]	60	60	60	60	60	60	60
Partial [cm]	5	5	5	5	5	5	5
Lifetime [h]	30.000	30.000	30.000	30.000	30.000	30.000	30.000
Warranty [months]	24	24	24	24	24	24	24
Packing [m]	5	5	5	5	5	5	5

DIMENSIONS [mm]



* Dimension of the section

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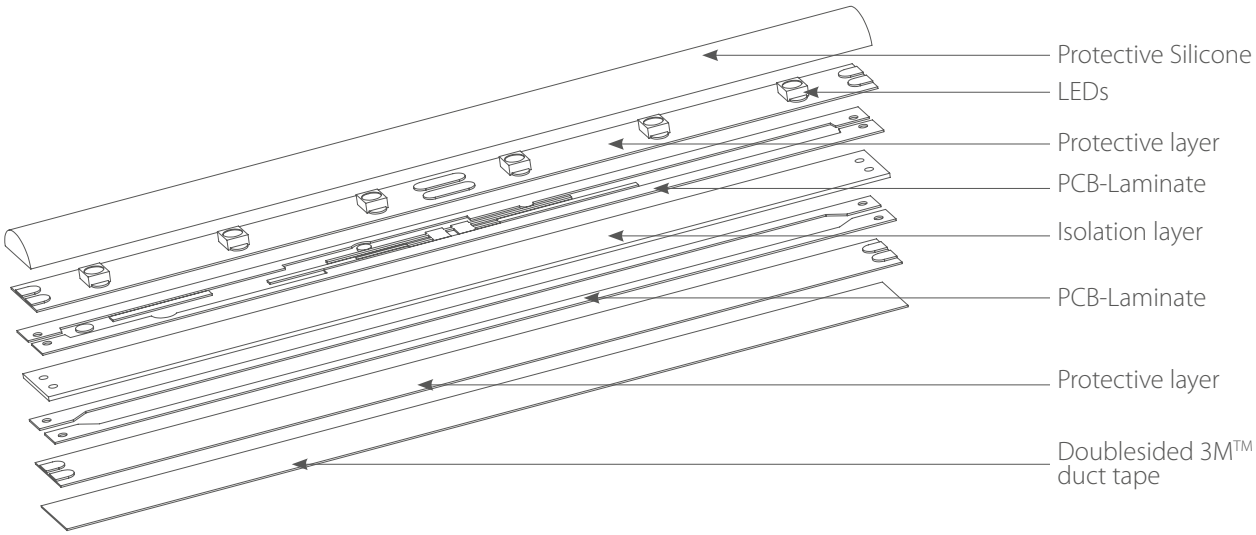

There may be max. 5 m of stripe connected in series.

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LinkS$_{600}$

LED stripe with 600 diodes per 5m roll. Can be divided into 25mm sections.

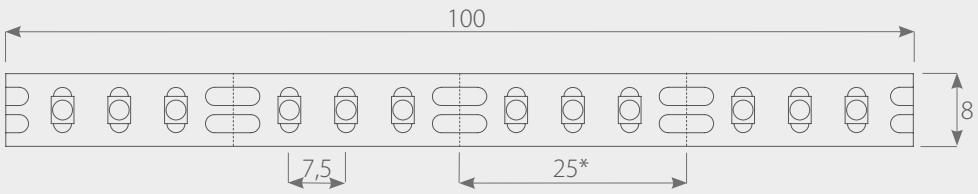
CE | DC 12V | 30 000h

LinkS$_{600}$ is a stripe with 600 diodes per 5m roll. It is ideally suited for illuminating light boxes, POS systems, furniture and interior elements. Thanks to the high number of diodes, the various projects can be illuminated very strongly and uniformly. Double-sided 3M™ industrial adhesive tape on the back is used for assembly. The LinkS$_{600}$ stripes are powered by a 12 VDC power supply and have a 2 year warranty.

TECHNICAL DATA

Type	LinkS$_{600}$ W8K	LinkS$_{600}$ W6K	LinkS$_{600}$ W4,3K	LinkS$_{600}$ W3K	LinkS$_{600}$ R	LinkS$_{600}$ G	LinkS$_{600}$ B
Color	white	white	white	white	Red	Green	Blue
Voltage [VDC]	12	12	12	12	12	12	12
Current [mA / 1m]	680 ~ 800	680 ~ 800	680 ~ 800	680 ~ 800	680 ~ 800	680 ~ 800	680 ~ 800
Power consumption [W]	9,6 (±5%)	9,6 (±5%)	9,6 (±5%)	9,6 (±5%)	9,6 (±5%)	9,6 (±5%)	9,6 (±5%)
Luminous flux [lm]	800 (±5%)	800 (±5%)	800 (±5%)	800 (±5%)	-	-	-
Light output [lm / W]	83	83	83	83	-	-	-
Beam angle [°]	120	120	120	120	120	120	120
Degree of protection	-	-	-	-	-	-	-
Color temperature [K]	8000 (±5%)	6000 (±5%)	4300 (±5%)	3000 (±5%)	-	-	-
Wavelength [µm]	-	-	-	-	620	520	460
Operating temperature [° C]	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40
LEDs	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528
LED quantity per 1m [pcs.]	120	120	120	120	120	120	120
Partial [cm]	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Lifetime [h]	30.000	30.000	30.000	30.000	30.000	30.000	30.000
Warranty [months]	24	24	24	24	24	24	24
Packing [m]	5	5	5	5	5	5	5

DIMENSIONS [mm]



* Dimension of the section

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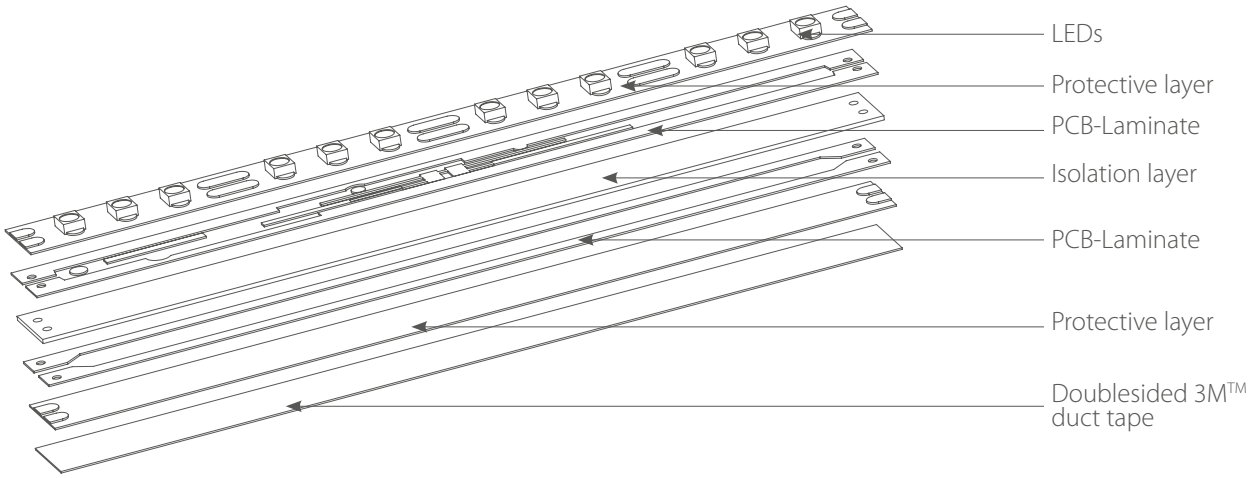

There may be max. 5 m of stripe connected in series.

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LinkS$_{600P}$

LED stripe with 600 diodes per 5m roll and IP65 protection. Can be divided into 25mm sections.

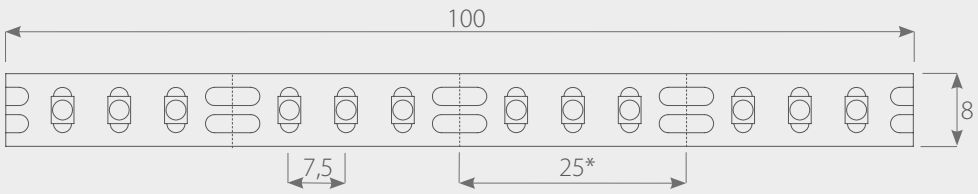
IP65 | CE | DC 12V | 30 000h

LinkS$_{600P}$ is a stripe with 600 diodes per 5m roll. Thanks to the IP65 protection, these stripes are also suitable for outdoor use. It is perfect for illuminating light boxes, POS systems, furniture and interior elements. Thanks to the high number of diodes, the various projects can be illuminated very strongly and uniformly. Double-sided 3M™ industrial adhesive tape on the back is used for assembly. The LinkS$_{600P}$ stripes are powered by a 12VDC power supply and have a 2 year warranty.

TECHNICAL DATA

Type	LinkS$_{600P}$ W8K	LinkS$_{600P}$ W6K	LinkS$_{600P}$ W4,3K	LinkS$_{600P}$ W3K	LinkS$_{600P}$ R	LinkS$_{600P}$ G	LinkS$_{600P}$ B
Color	white	white	white	white	Red	Green	Blue
Voltage [VDC]	12	12	12	12	12	12	12
Current [mA / 1m]	680 ~ 800	680 ~ 800	680 ~ 800	680 ~ 800	680 ~ 800	680 ~ 800	680 ~ 800
Power consumption [W]	9,6 (±5%)	9,6 (±5%)	9,6 (±5%)	9,6 (±5%)	9,6 (±5%)	9,6 (±5%)	9,6 (±5%)
Luminous flux [lm]	800 (±5%)	800 (±5%)	800 (±5%)	800 (±5%)	-	-	-
Light output [lm / W]	83	83	83	83	-	-	-
Beam angle [°]	120	120	120	120	120	120	120
Degree of protection	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Color temperature [K]	8000 (±5%)	6000 (±5%)	4300 (±5%)	3000 (±5%)	-	-	-
Wavelength [µm]	-	-	-	-	620	520	460
Operating temperature [° C]	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40
LEDs	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528	SMD3528
LED quantity per 1m [pcs.]	120	120	120	120	120	120	120
Partial [cm]	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Lifetime [h]	30.000	30.000	30.000	30.000	30.000	30.000	30.000
Warranty [months]	24	24	24	24	24	24	24
Packing [m]	5	5	5	5	5	5	5

DIMENSIONS [mm]



* Dimension of the section

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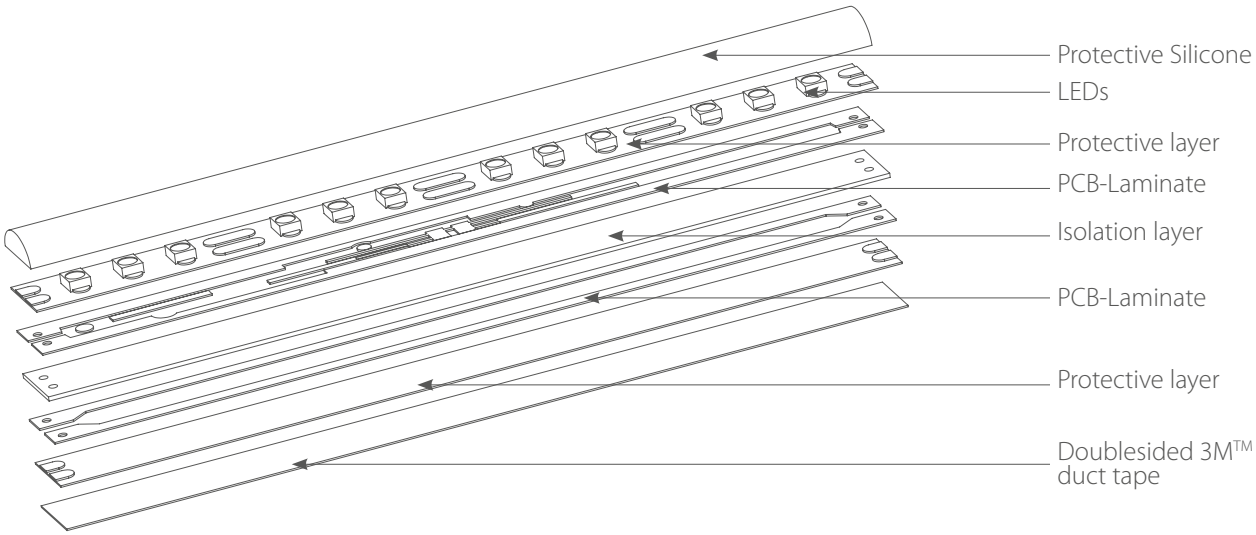

There may be max. 5 m of stripe connected in series.

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LinkH$_{300}$

Extremely powerful LED stripe with 300 diodes per 5m reel. Can be divided into 50mm sections.

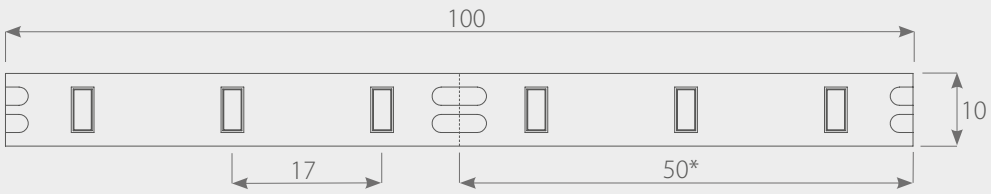
CE | DC 12V | 30 000h

LinkH$_{300}$ is an extremely bright stripe with 300 Samsung diodes each 5m-roll. It is ideally suited for illuminating light boxes, POS systems, furniture and interior elements. The powerful diodes can be used to illuminate a wide variety of projects. Double-sided 3M™ industrial adhesive tape on the back is used for assembly. LinkH$_{300}$ stripes are powered by 12 VDC and have a 2 year warranty.

TECHNICAL DATA

Type	LinkH$_{300}$ 6K	LinkH$_{300}$ 4,3K	LinkH$_{300}$ 3K
Color	white	white	white
Voltage [VDC]	12	12	12
Current [mA / 1m]	1500	1500	1500
Power consumption [W]	18 (±5%)	18 (±5%)	18 (±5%)
Luminous flux [lm]	1650 (±5%)	1650 (±5%)	1650 (±5%)
Light output [lm / W]	91	91	91
Beam angle [°]	120	120	120
Degree of protection	-	-	-
Color temperature [K]	6000 (±5%)	4300 (±5%)	3000 (±5%)
Operating temperature [° C]	-10 - +40	-10 - +40	-10 - +40
LEDs	SAMSUNG 5630	SAMSUNG 5630	SAMSUNG 5630
LED quantity per 1m [pcs.]	60	60	60
Partial (cm)	5	5	5
Lifetime [h]	30.000	30.000	30.000
Warranty [months]	24	24	24
Packing [m]	5	5	5

DIMENSIONS [mm]



* Dimension of the section

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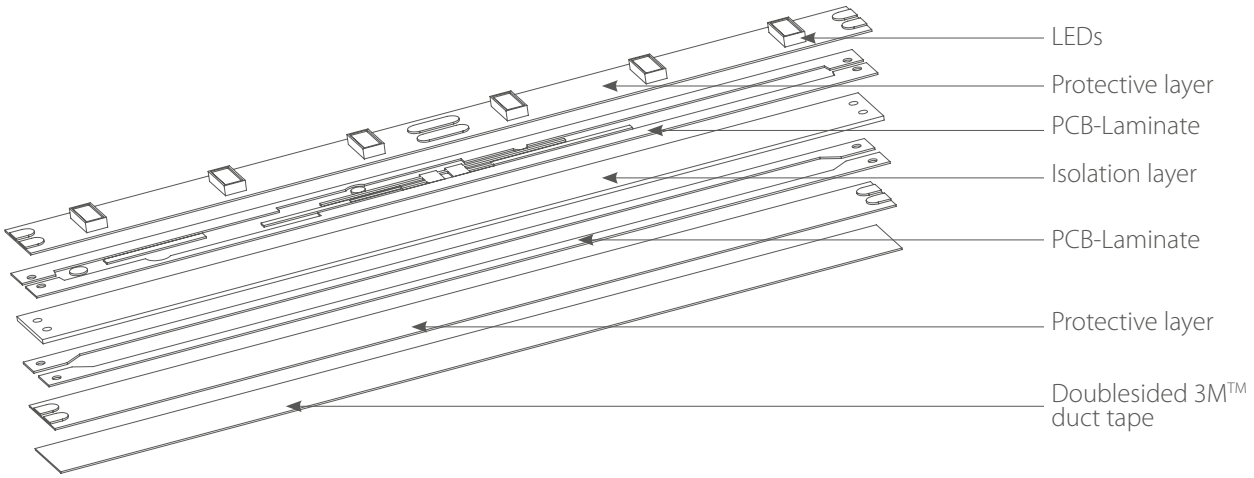

There may be max. 5 m of stripe connected in series.

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LinkS RGB$_{150}$

RGB LED stripe with 150 diodes per 5m-roll. Can be divided into 100mm sections.

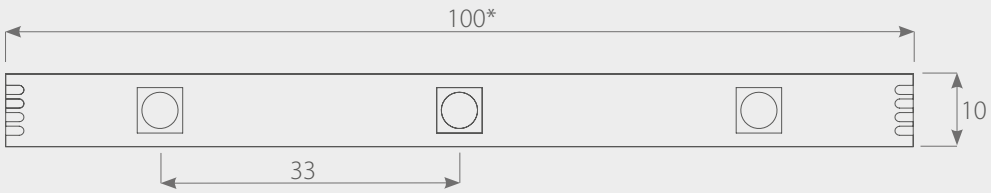
RGB | CE | DC 12V | 30 000h

LinkS RGB$_{150}$ is a RGB stripe with 150 diodes per 5m roll. It is excellent for very light lighting of light boxes, POS systems, furniture and elements of interior design. A separate RGB controller is required for proper operation. For larger projects an RGB amplifier must be added. Double-sided 3M™ industrial adhesive tape on the back is used for assembly. The LinkS RGB$_{150}$ stripes are powered by 12 VDC and have a 2 year warranty.

TECHNICAL DATA

Type	LinkS RGB$_{150}$
Color	multicolor RGB
Voltage [VDC]	12
Current [mA / 1m]	500 ~ 600
Power consumption [W]	7,2 (±5%)
Luminous flux [lm]	-
Light output [lm / W]	-
Beam angle [°]	120
Degree of protection	-
Color temperature [K]	-
Wavelength [µm]	R: 620 / G: 520 / B: 460
Operating temperature [° C]	-10 - +40
LEDs	SMD5060
LED quantity per 1m [pcs.]	30
Partial (cm)	10
Lifetime [h]	30.000
Warranty [months]	24
Packing [m]	5

DIMENSIONS [mm]



* Dimension of the section

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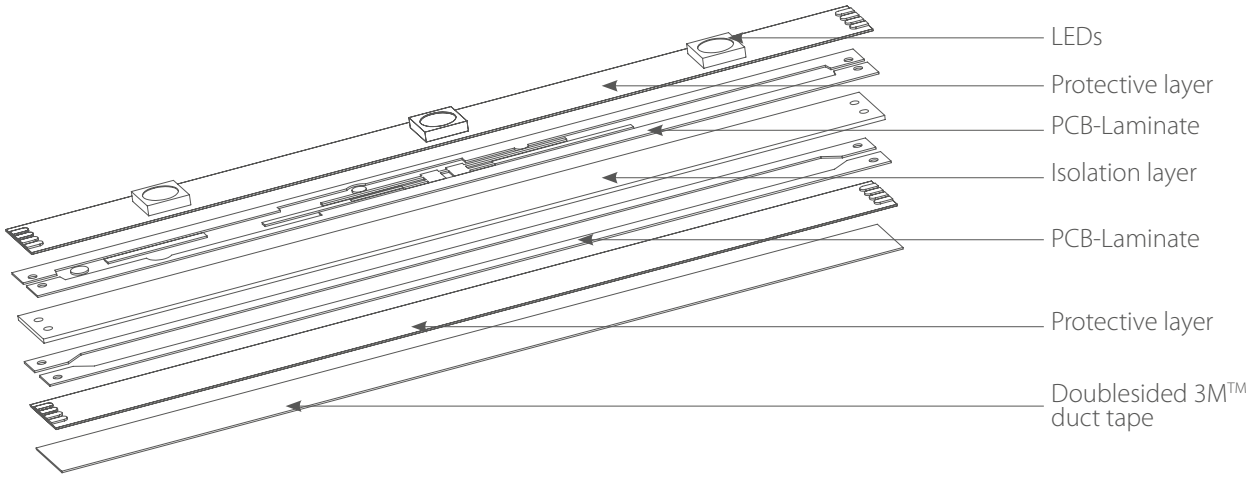

There may be max. 5 m of stripe connected in series.

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LinkS RGB$_{150P}$

RGB LED stripe with 150 diodes per 5m roll and IP65 protection. Can be divided into 100mm sections.

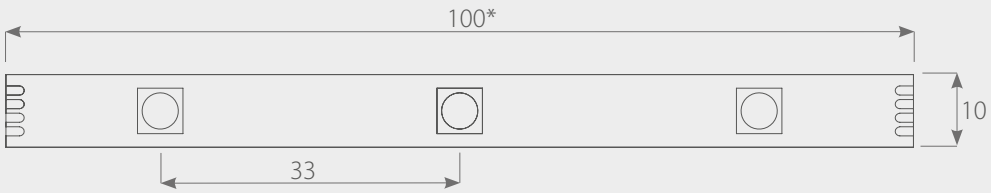
RGB | IP65 | CE | DC 12V | 30 000h

LinkS RGB$_{150P}$ is an RGB stripe with 150 diodes per 5m roll. Thanks to the IP65 protection degree it is possible to mount it outdoors. It is excellent for very light lighting of light boxes, POS systems, furniture and elements of interior design. A separate RGB controller is required for proper operation. For larger projects an RGB amplifier must be added. Double-sided 3M™ industrial adhesive tape on the back is used for assembly. LinkS RGB$_{150P}$ stripes are powered by a 12VDC power supply and have a 2 year warranty.

TECHNICAL DATA

Type	LinkS RGB$_{150P}$
Color	multicolor RGB
Voltage [VDC]	12
Current [mA / 1m]	500 ~ 600
Power consumption [W]	7,2 (±5%)
Luminous flux [lm]	-
Light output [lm / W]	-
Beam angle [°]	120
Degree of protection	IP65
Color temperature [K]	-
Wavelength [µm]	R: 620 / G: 520 / B: 460
Operating temperature [° C]	-10 - +40
LEDs	SMD5060
LED quantity per 1m [pcs.]	30
Partial (cm)	10
Lifetime [h]	30.000
Warranty [months]	24
Packing [m]	5

DIMENSIONS [mm]



* Dimension of the section

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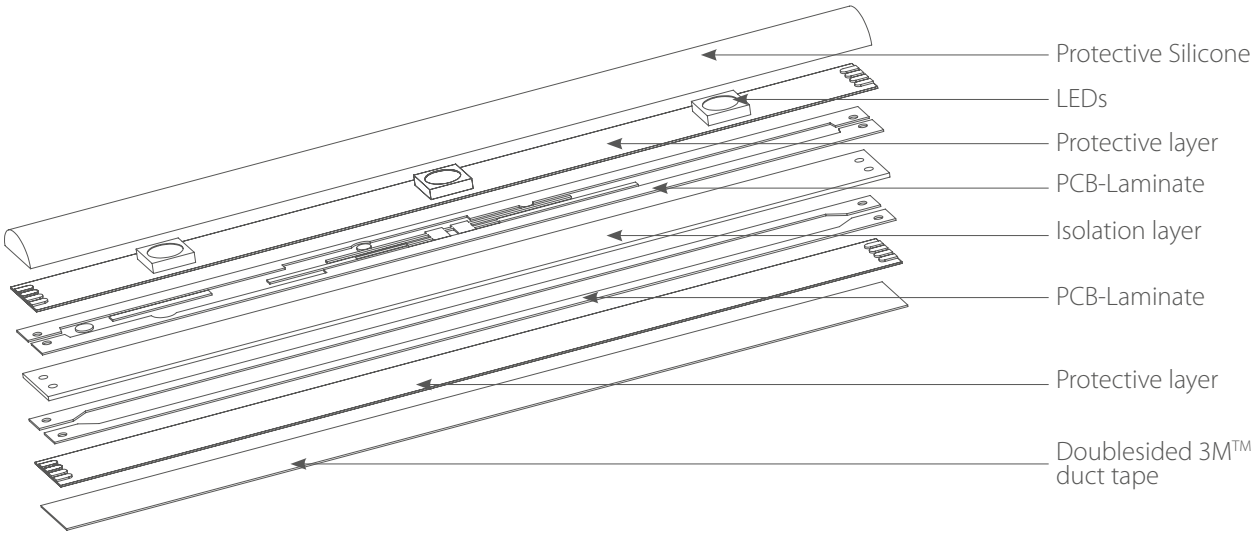

There may be max. 5 m of stripe connected in series.

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LinkS RGB$_{300}$

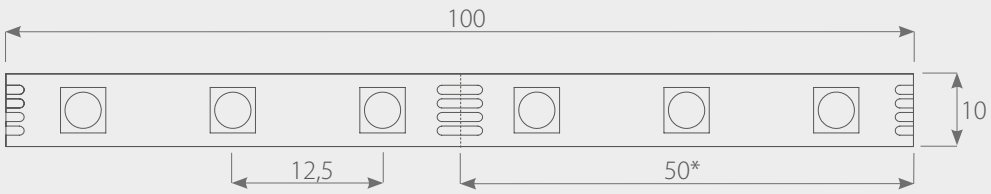
RGB LED stripe with 300 diodes per 5m roll. Can be divided into 50mm sections.

LinkS RGB$_{300}$ is a RGB stripe with 300 diodes per 5m roll. It is excellent for very light lighting of light boxes, POS systems, furniture and elements of interior design. A separate RGB controller is required for proper operation. For larger projects an RGB amplifier must be added. Double-sided 3M™ industrial adhesive tape on the back is used for assembly. The LinkS RGB$_{300}$ stripes are powered by 12 VDC and have a 2 year warranty.

TECHNICAL DATA

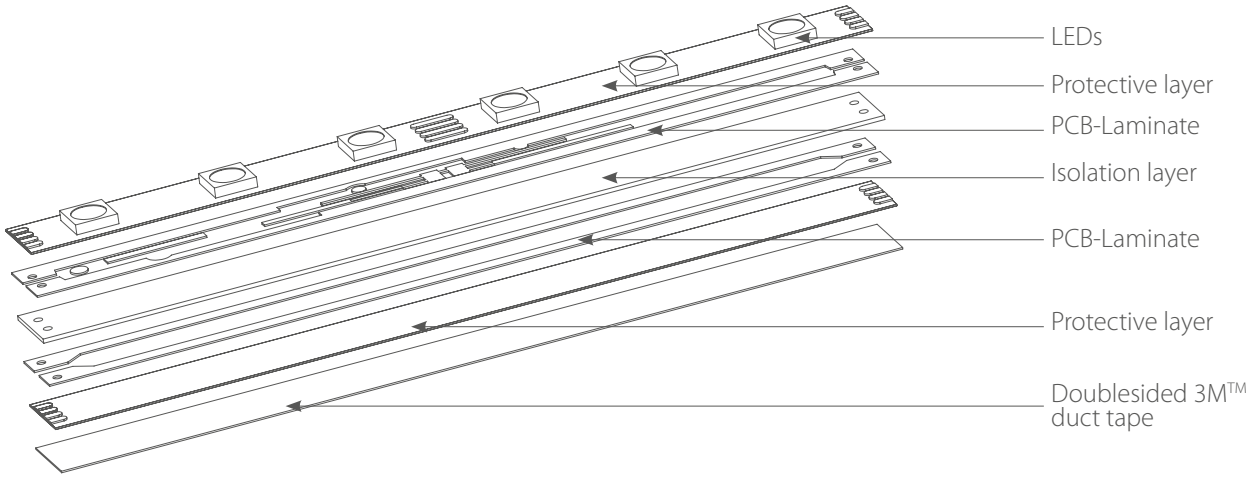
Type	LinkS RGB$_{300}$
Color	multicolor RGB
Voltage [VDC]	12
Current [mA / 1m]	1000 ~ 1200
Power consumption [W]	14,4 (±5%)
Luminous flux [lm]	-
Light output [lm / W]	-
Beam angle [°]	120
Degree of protection	-
Color temperature [K]	-
Wavelength [µm]	R: 620 / G: 520 / B: 460
Operating temperature [° C]	-10 - +40
LEDs	SMD5060
LED quantity per 1m [pcs.]	60
Partial (cm)	5
Lifetime [h]	30.000
Warranty [months]	24
Packing [m]	5

DIMENSIONS [mm]



* Dimension of the section

CONSTRUCTION



There may be max. 5 m of stripe connected in series.

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LinkS RGB$_{300P}$

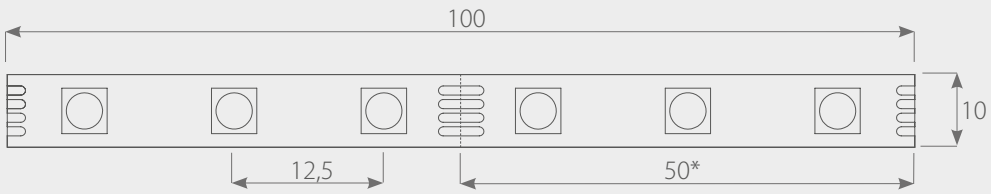
RGB LED stripe with 300 diodes per 5m roll and IP65 protection. Can be divided into 50mm sections.

LinkS RGB$_{300P}$ is an RGB stripe with 300 diodes per 5m roll. Thanks to the IP65 protection degree it is possible to mount it outdoors. It is excellent for very light lighting of light boxes, POS systems, furniture and elements of interior design. A separate RGB controller is required for proper operation. For larger projects an RGB amplifier must be added. Double-sided 3M™ industrial adhesive tape on the back is used for assembly. LinkS RGB$_{300P}$ stripes are powered by a 12VDC power supply and have a 2 year warranty.

TECHNICAL DATA

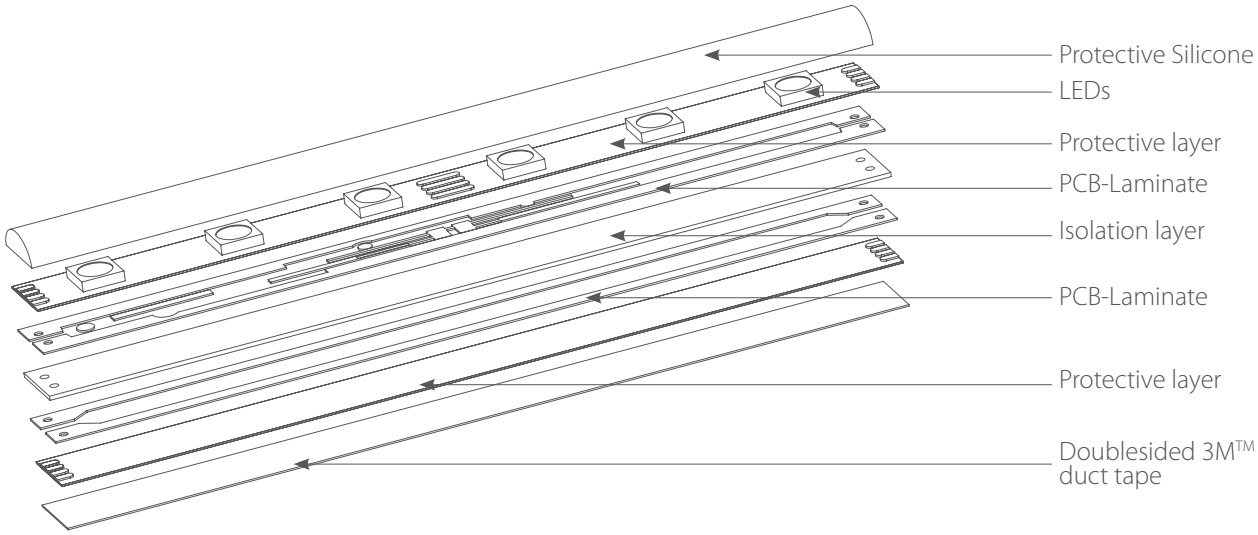
Type	LinkS RGB$_{300P}$
Color	multicolor RGB
Voltage [VDC]	12
Current [mA / 1m]	1000 ~ 1200
Power consumption [W]	14,4 (±5%)
Luminous flux [lm]	-
Light output [lm / W]	-
Beam angle [°]	120
Degree of protection	IP65
Color temperature [K]	-
Wavelength [µm]	R: 620 / G: 520 / B: 460
Operating temperature [° C]	-10 - +40
LEDs	SMD5060
LED quantity per 1m [pcs.]	60
Partial (cm)	5
Lifetime [h]	30.000
Warranty [months]	24
Packing [m]	5

DIMENSIONS [mm]



* Dimension of the section

CONSTRUCTION



There may be max. 5 m of stripe connected in series.

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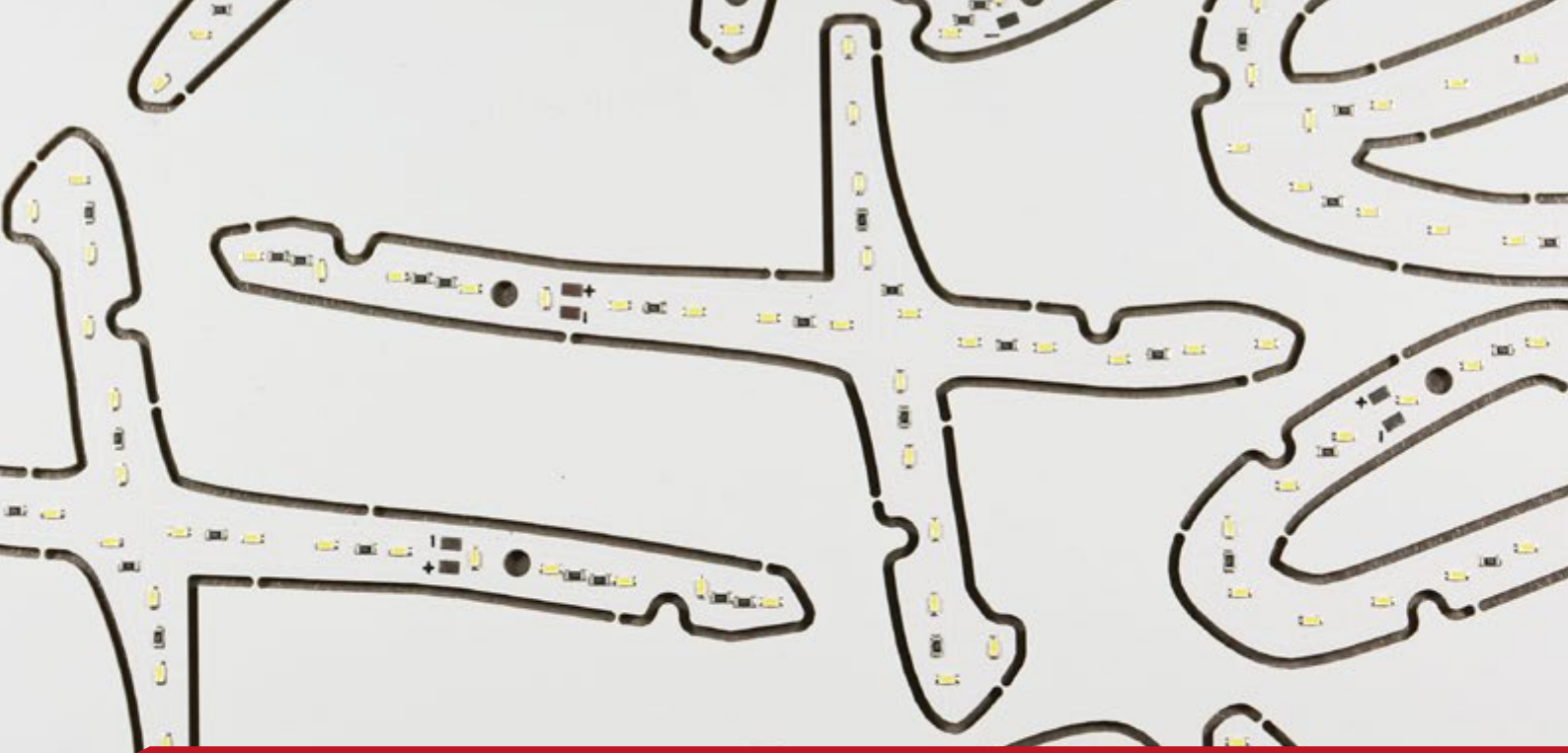
SPEZIAL-ANWENDUNGEN

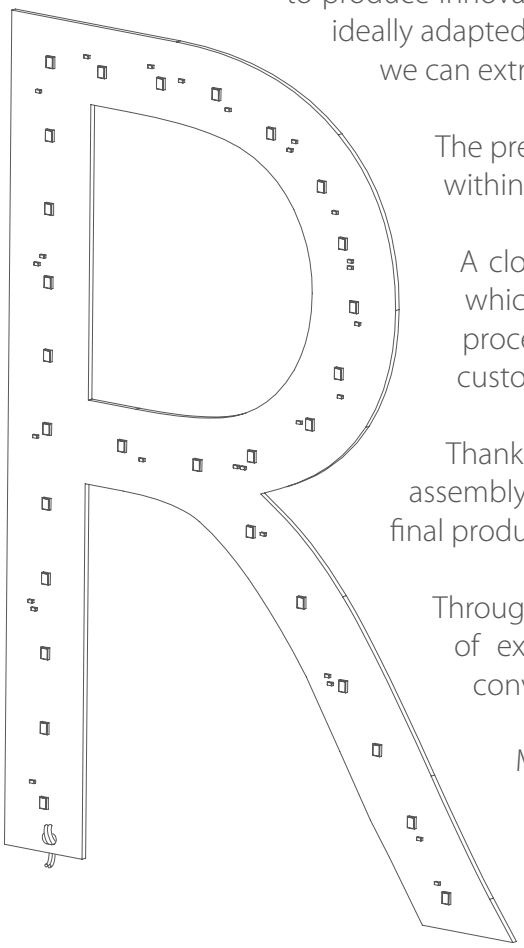
LEDlink

www.ledlink.de



LED modules adapted to the project and customer requirements

The technical progress and the strong orientation to our customer requirements allow us to produce innovative solutions. Even in the case of irregular shapes, the modules are ideally adapted to the outline as well as to the other conditions of the project. Thus, we can extremely reduce the production time of advertising equipment.



Example application: Prefabricated LED module in letter form, ready for immediate use. The shape can be modified as desired.

The previous solutions were based on a manual installation of LED modules within a mold. This is a tedious work with a great risk of error.

A close cooperation with the customer allows us to produce a product which meets the desired requirements perfectly. During production process, each phase is precisely adapted in close consultation with the customer.

Thanks to these special constructions, even an 8-time reduction in the assembly at a higher quality is possible. This results in price reduction of the final product and an increase in competitiveness.

Through the use of modern production lines, we are able to deliver products of extremely high precision and quality. This has unachievable with conventional solutions.

Modules from this production area have a 3-year manufacturing warranty.

INSTRUCTIONS FOR ASSEMBLY

• All exact specifications and specific technical information can be found on the respective data sheets of the products.

• The installation and connection of LEDLink products must be carried out exclusively by qualified personnel, taking this instruction into account. Failure to observe these instructions can lead to malfunctions, failure or shortening of the service life.

• The power supply may only be implemented by power supply units which are intended for the LED requirements. It is imperative to choose the correct output voltage for the product to be supplied.

• The required power of the modules, strips, etc., must be correctly calculated and should not exceed 80% of the rated power of the power supply.

• Care must be taken to connect the modules, strips, etc. to the output of the power supply, taking into account the correct polarity. Open cable ends should be insulated in any case, especially for outdoor products, moisture must not enter the product through the open cables.

• The installation should be carried out on heat-resistant materials. To achieve perfect results, floor surfaces and side walls should be warmed. Thus, the light can be excellently reproduced.

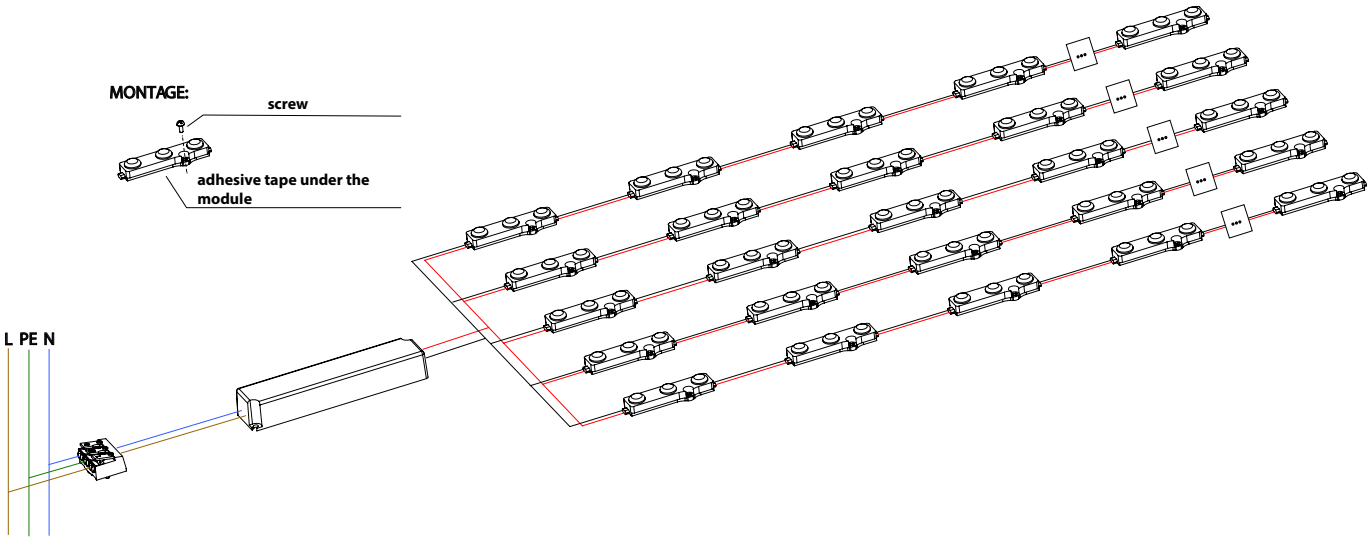
• In most cases, modules and strips are equipped with 3M adhesive tape (see data sheet). These adhesive strips are used for pre-installation and alignment of the products. They should not be viewed as a temporary fixation measure. Depending on the product, it should be secured separately using suitable mounting screws, mounting brackets or mounting adhesives.

• During the installation, the maximum number of modules that are fed in series can not be exceeded (see data sheet). With LED stripes it is usually 5m (see data sheet). The modules or strips should not be mounted too far away from the power supply.

• No liability is accepted as soon as LEDlink products are processed mechanically or chemically.

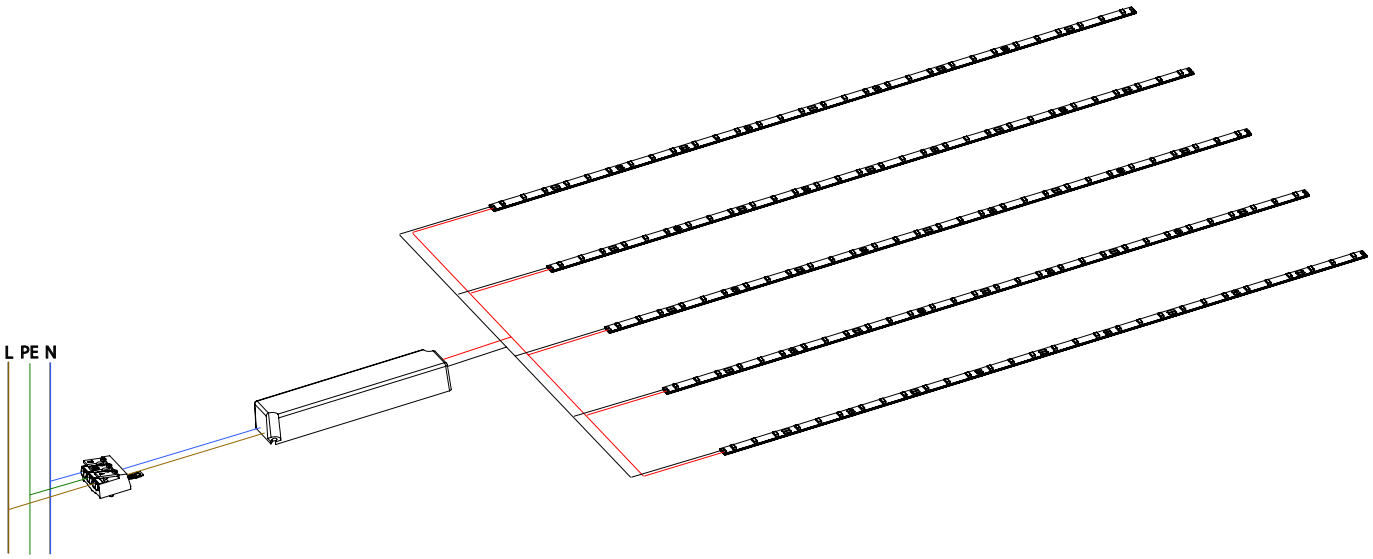
ELECTRICAL SCHEME

LED MODULES



The max number of modules that can be fed in series can be found in the respective data sheets.

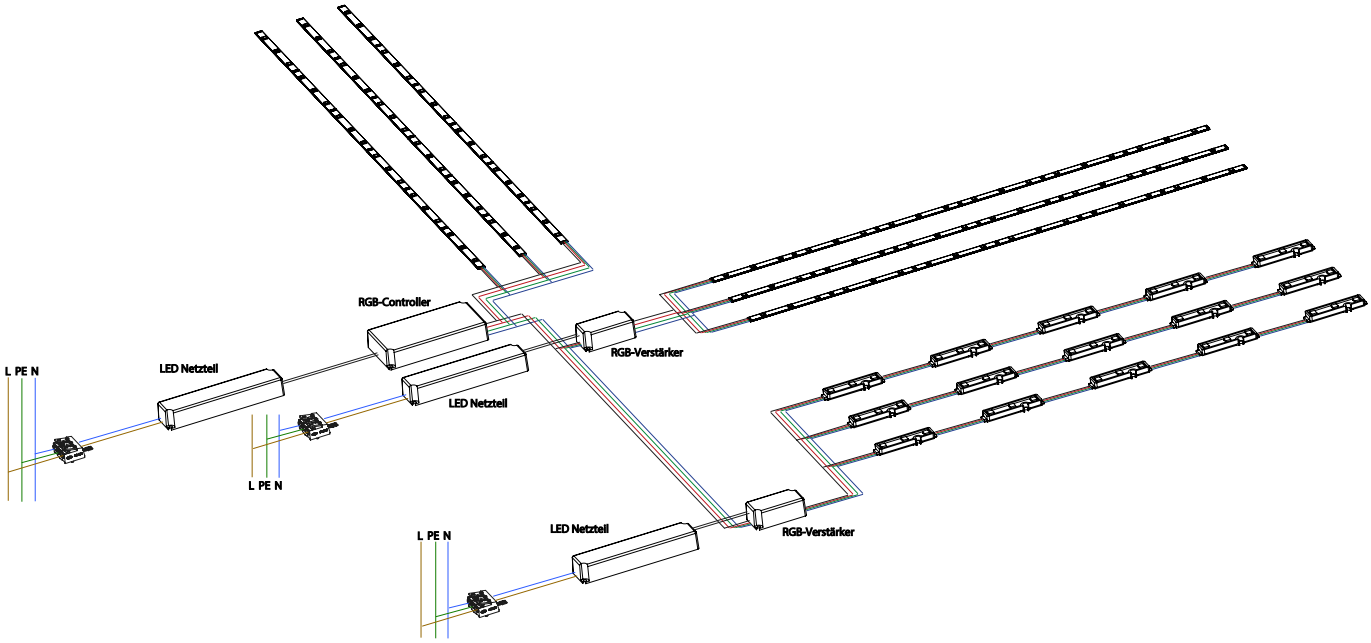
LED STRIPES



There may be max. 5 m of stripe connected in series.

ELEKTRISCHES SCHEMA

RGB MODULES AND RGB STRIPES



COMMON PROBLEMS

PROBLEM	POTENTIAL CAUSE	POSSIBLE SOLUTION
All modules / stripes flash	Overload by too much power for a too small power supply	Check the max. 80% of the rated power from the power supply
LED's light up weak	Overload by too much power for a too small power supply	Check the max. 80% of the rated power from the power supply
	Too many modules fed in series	Check if too many modules are connected in series according to the data sheet
Subareas does not light up	Wackelkontakt, incorrectly clamped, electr. Short circuit	Check connections between power supply and lamp, check polarity
Complete failure of the entire system	Fault in the local power supply, power supply protection triggers short circuit	Check the fuse
		Turn input voltage once OFF and ON again
		Switch off the power and remove the short circuit
Subareas does not light up	Wackelkontakt, incorrectly clamped, electr. Short circuit	Check connections between power supply and lamp, check polarity
Complete failure of the entire system	Fault in the local power supply, power supply protection triggers short circuit	Check the fuse
		Input voltage once OFF and ON again
		Switch off the power and electr. Remove the short circuit
Shading on the illuminating surface	Components such as a power supply, terminals or cables will cast shadows	Place the power supply wherever you want and attach the cables, etc.
Shading since the lamp is lit in the wrong direction	Module / Stripes badly attached / secured, thus no longer in the correct position	Module grid is not correct
		Refit the lamp and secure it properly

Distributor: