

CATALOG OF INTERIOR AND FURNITURE LIGHTING COMPONENTS

# LED RIBBONS, LED MODULES AND SPECIAL CUSTOM SOLUTIONS



TRON

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OBSAH

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- We are specialists in the use of LEDs in industry
- We supply LEDs, LED lighting equipment and other components for the production of LED lamps and lighting solutions
- We have our own development and our own production

Watch the presentation video



We supply products from the world's leading manufacturers of LEDs and LED accessories. Thanks to premium supplier relationships, we have short delivery times and always keenly priced products.

All in one place

- Components
- Development
- Production
- Projects

We are an exclusively Czech company with a long tradition and we have been operating on the market of electronic components, LED diodes and LED accessories since 1997. For our customers and their projects, we select modern, advanced and at the same time at a favourable price. Also we provide LED components and LED solutions from the extensive worldwide range of LED lighting technology based on our many years of experience, knowledge and business contacts. We place maximum emphasis on quality, technical sophistication and a wide range of applications. We constantly monitor the latest trends in the field. Based on our empirical experience, we are constantly updating and expanding our range and our company know-how, thereby increasing the quality and scope of our services.



	Serie	ProfiLED page 4			OptiLED page 5			iHome page 7			Furniture page 6		Power LED pages 8-9				Custom page 11		Coloured ribbons page 10		
	Consumption W/m	4,8	9,6	14,4	4,8	9,6	14,4	6	9	16	5	15	13	27	CC	CC	33,6	57	4,8	7,2	14,4
Number of LED/m	30																				
	56																				
	60																				
	98																				
	112																				
	120																				
	126																				
	140																				
	224																				
Voltage (V)	12																				
	24																				
	CC																				
Colour temperature (K)	2700																				
	3000																				
	4000																				
	5000																				
	5700																				
	6500																				
	9000																				
Colour	RED																				
	GREEN																				
	BLUE																				
	RGB																				
CRI	80																				
	90																				
	95																				
	Sunlight																				
	SunLike																				
Width of ribbon (mm)	8																				
	10																				
	12																				
Luminous flux (lm) for 4000 K	7000																				
	6000																				
	5000																				
	4000																				
	3000																				
	2000																				
	1000																				



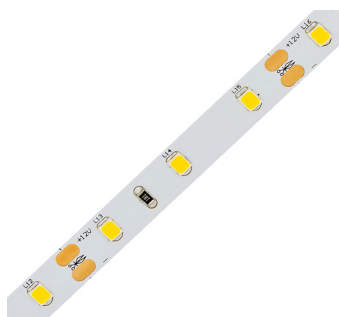
## ProfiLED series

The ProfiLED series is focused on professional installations. It excels in the high quality of used LEDs and in the category of constant voltage ribbons by high efficiency, stability of emitted colours and long lifetime. It is a guarantee of long life and stability therefore it is typically used in sales outlets, advertising and other applications where there is the need for long daytime or continuous lighting.

### ProfiLED 60 4,8W 12V | warranty 5 years | 10 m roll

ProfiLED ribbons 60 4,8W are most often used for short-distance lighting or design lighting.

60 LED/m	4,8W	U = 12V	width 8mm	CRI>80	IP20	LED 2835LG	divisibility (3LED) 50mm	maximum line 4m
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blue	subbin	Colour temp.	Luminous flux	Light efficiency	Order code
14 %	A	3000K	570 lm	118 lm/W	<b>00218748</b>
14 %	B	3000K	570 lm	118 lm/W	<b>00218749</b>
22 %	A	4000K	620 lm	129 lm/W	<b>00218751</b>
22 %	B	4000K	620 lm	129 lm/W	<b>00218752</b>
35 %	A	6500K	600 lm	125 lm/W	<b>00218754</b>
35 %	B	6500K	600 lm	125 lm/W	<b>00218755</b>

### ProfiLED 120 9,6W 12V | warranty 5 years | 10 m roll

ProfiLED ribbons 120 9,6W are most often used to create continuous lines of light. At 100% power, it creates a continuous line already in a profile with a depth or from a distance of 10 mm.

120 LED/m	9,6W/m	U = 12V	width 10mm	CRI>80	IP20	LED 2835	divisibility (3LED) 25mm	maximum line 3,5m
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blue	subbin	Colour temp.	Luminous flux	Light efficiency	Order code
14 %	A	3000K	1110 lm	116 lm/W	<b>00218757</b>
14 %	B	3000K	1110 lm	116 lm/W	<b>00218758</b>
22 %	A	4000K	1220 lm	127lm/W	<b>00218759</b>
22 %	B	4000K	1220 lm	127 lm/W	<b>00218760</b>
35 %	A	6500K	1150 lm	120lm/W	<b>00218763</b>
35 %	B	6500K	1150 lm	120 lm/W	<b>00218764</b>

### ProfiLED 60 14,4W 12V | warranty 5 years | 10 m roll

ProfiLED ribbons 60 14,4W are most often used for more intense light lines in profiles with a depth of more than 20 mm and for lighting of work surfaces.

60 LED/m	14,4W/m	U = 12V	width 10mm	CRI>80	IP20	LED 2835	divisibility (3LED) 50mm	maximum line 2,5m
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blue	subbin	Colour temp.	Luminous flux	Light efficiency	Order code
14 %	A	3000K	1660 lm	115 lm/W	<b>00218768</b>
14 %	B	3000K	1660 lm	115 lm/W	<b>00218769</b>
22 %	A	4000K	1760 lm	122 lm/W	<b>00218771</b>
22 %	B	4000K	1760 lm	122 lm/W	<b>00218770</b>
35 %	A	6500K	1700 lm	118 lm/W	<b>00218772</b>
35 %	B	6500K	1700 lm	118 lm/W	<b>00218773</b>

## OptiLED series

OptiLED series excels in maximum value for money, while maintaining high efficiency, colour stability and long lifetime. This series is at the forefront of what is usually used on the market in the segment of 12V LED ribbons. It is typically used in home interiors and advertising. This series responds both to the need for a narrower 8mm strip for small profiles (in the 120 LED version) and to the need for a lower light colour temperature in the case of a warm light color of 2700K (filament bulb color), as well as a cold white color of 5700K.

### OptiLED 60 4,8W 12V | warranty 5 years | 10 m roll

OptiLED ribbons 60 4,8W are most often used for short-distance lighting or design lighting.

60 LED/m	4,8W/m	U = 12V	width 8mm	IP20	CRI>80	LED 2835	divisibility (3LED) 50mm	maximum line 4m
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blue	Colour temp.	Luminous flux	Light efficiency	Order code
12 %	2700K	555 lm	116 lm/W	<b>00215657</b>
14 %	3000K	585 lm	122 lm/W	<b>00215227</b>
22 %	4000K	615 lm	128 lm/W	<b>00215229</b>
32 %	5700K	595 lm	124 lm/W	<b>00215230</b>
35 %	6500K	585 lm	122 lm/W	<b>00217735</b>

### OptiLED 120 9,6W 12V 8/10MM | warranty 5 years | 10 m roll

OptiLED ribbons 120 9,6W are most often used to create continuous lines of light. At 100% power, it creates a continuous line already in a profile with a depth or from a distance of 10mm.

120 LED/m	9,6W/m	U = 12V	IP20	CRI>80	LED 2835	divisibility (3LED) 25mm	maximum line	
							pro 8mm	pro 10mm
							2,5 m	3 m



blue	Colour temp.	Luminous flux	Light efficiency	Order code
width of ribbon 8mm				
14 %	3000K	1160 lm	121 lm/W	<b>00218721</b>
22 %	4000K	1220 lm	128 lm/W	<b>00218722</b>
35 %	6500K	1170 lm	122 lm/W	<b>00218723</b>
width of ribbon 10mm				
12 %	2700K	1100 lm	115 lm/W	<b>00215245</b>
14 %	3000K	1170 lm	122 lm/W	<b>00215246</b>
22 %	4000K	1230 lm	128 lm/W	<b>00215247</b>
32 %	5700K	1180 lm	123 lm/W	<b>00215249</b>
35 %	6500K	1170 lm	122 lm/W	<b>00217731</b>

### OptiLED 60 14,4W 12V | warranty 5 years | 10 m roll

OptiLED ribbons 60 14,4W are most often used for more intense light lines in profiles with a depth of more than 20mm and for lighting of work surfaces.

60 LED/m	14,4W/m	U = 12V	width 10mm	IP20	CRI>80	LED 2835	divisibility (3LED) 50mm	maximum line 2m
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blue	Colour temp.	Luminous flux	Light efficiency	Order code
12 %	2700K	1610 lm	112 lm/W	<b>00215250</b>
14 %	3000K	1760 lm	122 lm/W	<b>00215251</b>
22 %	4000K	1840 lm	128 lm/W	<b>00215252</b>
32 %	5700K	1830 lm	127 lm/W	<b>00215253</b>
35 %	6500K	1800 lm	125 lm/W	<b>00217733</b>

Furniture series

Furniture series was developed based on many years of experience with supplying for furniture manufacturers and interior suppliers. It is used to create continuous lines of lighting.

Furniture 120 5W 12V | warranty 5 years | 10 m roll

Furniture ribbons 120 5W of 8mm are designed for decent ambient lighting with a long power line. It is recommended for SLASH8 and HI8 profiles for design lighting. You will achieve a soft and pleasant lighting effect with it. (You can view the recommended profiles in the electronic version by clicking on a profile name.)

120 LED/m

5W/m

U = 12V

width 8mm

CRI>80

IP20

LED 2835

divisibility (3LED) 25mm

maximum line 5m



blue	Colour temp.	Luminous flux	Light efficiency	Order code
12 %	2700K	570 lm	114 lm/W	00215622
14 %	3000K	600 lm	120 lm/W	00215623
21 %	4000K	650 lm	130 lm/W	00215624
35 %	6500K	630 lm	126 lm/W	00215625

Furniture 120 15W 12V | warranty 5 years | 10 m roll

Furniture ribbons 120 15W of 10mm are designed for lighting work surfaces at home, typically kitchens or bathrooms. You will achieve strong lighting of work surfaces with it at your home.

120 LED/m

15W/m

U = 12V

width 10mm

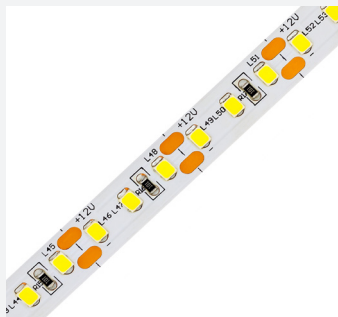
CRI>80

IP20

LED 2835

divisibility (3LED) 25mm

maximum line 3,5m



blue	Colour temp.	Luminous flux	Light efficiency	Order code
14 %	3000K	1800lm	120 lm/W	00214959
21 %	4000K	1920 lm	128 lm/W	00214960
35 %	6500K	1830 lm	122 lm/W	00215003



## iHome series

Two series of 24V LED ribbons iHome (CRI80) and iHome Brilliant (CRI90) are designed for long and very long lines, for SmartHome installations, indirect and direct interior lighting, professional installations (sales outlets, shopping centers, locations with high requirements for light quality, high luminosity and low operating costs. Both series are at the forefront of what is normally sold on the market in this professional category.

### iHome 98 6W 24V | warranty 5 years | 10 m roll

iHome ribbons 98 6W are designed for very long lines (T or U plugging up to 20 m per one power supply). These are especially suitable for indirect lighting / backlighting for shopping centers, hotels, halls, houses, corridors.

98 LED/m	6W/m	U = 24V	width 10mm	CRI>80	IP20	LED 2835	divisibility (3LED) 71,4mm	maximum line 10m
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blue	Colour temp.	Luminous flux	Light efficiency	Order code
14 %	3000K	900 lm	150 lm/W	<b>00215765</b>
22 %	4000K	930 lm	155 lm/W	<b>00215766</b>
35 %	6500K	910 lm	152 lm/W	<b>00215767</b>

### iHome/iHome Brilliant 126 9W 24V | warranty 5 years | 10 m roll

iHome ribbons 126 9W are designed for very long lines (T or U configuration up to 14 m per one power supply). These are suitable for direct and indirect lighting or backlighting for shopping centers, hotels, halls, houses, corridors, apartments, production of linear lighting.

126 LED/m	9W/m	U = 24V	width 10mm	CRI>80	IP20	LED 2835	divisibility (7LED) 55,5mm	maximum line 7m
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blue	Colour temp.	Luminous flux	Light efficiency	Order code
<b>iHome</b>		CRI>80		
14 %	3000K	1360 lm	142 lm/W	<b>00220148</b>
22 %	4000K	1430 lm	149 lm/W	<b>00219956</b>
35 %	6500K	1390 lm	145 lm/W	<b>00220188</b>
<b>iHome Brilliant</b>		CRI>90		
9 %	2700K	1390 lm	154 lm/W	<b>00219957</b>
12%	3000K	1020 lm	113 lm/W	<b>00220644</b>
19 %	4000K	1070 lm	119 lm/W	<b>00220645</b>

### iHome/iHome Brilliant 140 16W 24V | warranty 5 years | 10 m roll

iHome ribbons 140 16W are designed for very long lines (T or U configuration up to 12 m per one power supply). These are suitable for direct and indirect lighting or backlighting for shopping centers, hotels, halls, houses, corridors, apartments, production of linear lighting.

140 LED/m	16W/m	U = 24V	width 10mm	IP20	LED 2835	divisibility (3LED) 50mm	maximum line 6m
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blue	Colour temp.	Luminous flux	Light efficiency	Order code
<b>iHome</b>		CRI>80		
14 %	3000K	2240 lm	140 lm/W	<b>00215738</b>
22 %	4000K	2370 lm	148 lm/W	<b>00215739</b>
35 %	6500K	2320 lm	145 lm/W	<b>00220064</b>
<b>iHome Brilliant</b>		CRI>90		
9 %	2700K	1710 lm	107 lm/W	<b>00216787</b>
12%	3000K	1760 lm	110 lm/W	<b>00218341</b>
19 %	4000K	1840 lm	115 lm/W	<b>00217055</b>



# PowerLED voltage series

Two series of PowerLED are the most powerful professional LED ribbons on the market. Their output starts where other LED ribbons' ends and they excel in top-level efficiency of up to 164 lm / W (!). The standard version features both voltage 24V up to 4000 lm / meter and constant current version up to 12320 lm / meter (!) They have been developed for professional use in the production of line lighting, side-lighting and for the most demanding applications in industry and construction. They are used to create continuous lines of lighting.

## PowerLED 56 13W 24V | warranty 5 years | 10 m roll



PowerLED ribbons 56 13W, 24V are designed for very long lines (T or U plugging up to 12 m per one power supply). These are suitable for direct lighting in deeper profiles or indirect lighting. They are designed for lighting or backlighting in shopping centers, industrial halls, and railway stations.

56 LED/m    13W/m    U = 24V    width 10mm    CRI>80    IP20    3SDCM    LED Seoul3030    divisibility (7LED) 125mm    maximum line 6m



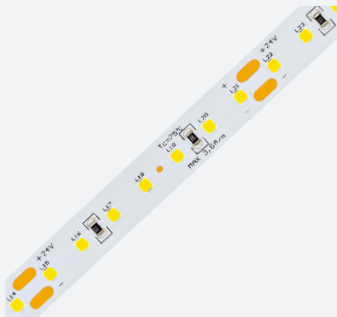
blue	Colour temp.	Luminous flux	Light efficiency	Order code
12 %	2700K	1760 lm	135 lm/W	00219018
22 %	4000K	1960 lm	151 lm/W	00219019
35 %	6500K	2100 lm	155 lm/W	00219020

## PowerLED 112 27W 24V | warranty 5 years | 10 m roll



PowerLED ribbons 112 27W, 24V are suitable for indirect and direct lighting even in lower profiles, where they create continuous lines. Designed for the production of linear lighting, side lighting and for the most demanding applications in industry and construction.  
(ATTENTION! Not every profile can cool this output. Profiles suitable for this LED ribbon can be found [HERE](#). Consult our specialists when preparing the project.)

112 LED/m    27W/m    U = 24V    width 12mm    CRI>80    IP20    3SDCM    LED Seoul3030    divisibility (7LED) 62,5mm    maximum line 3,5m



blue	Colour temp.	Luminous flux	Light efficiency	Order code
12 %	2700K	3600 lm	133 lm/W	00219013
14 %	3000K	3900 lm	144 lm/W	00219014
22 %	4000K	4000 lm	148 lm/W	00219015
32 %	5700K	4200 lm	155 lm/W	00219016
35 %	6500K	3800 lm	141 lm/W	00219017





# PowerLED current series

## Strengths and weaknesses of the current version:

### Advantages

- 1) Higher efficiency compared to voltage ribbons typically by 20%.
- 2) Less heating of a ribbon at the constant power input, typically by 20%.
- 3) Greater flexibility of the lighting design, by replacing the power supply it is easy to achieve a wide range of precisely defined outputs. The same ribbon can be used at 50W / m or even at 3W / m (yes it's a bit wasted).
- 4) The luminosity of the current solution is not affected by the voltage drop on the voltage line - the voltage drop on the voltage line adds up to the voltage on the LED ribbon, nevertheless it is important that a constant current still flows through the ribbon.
- 5) Much wider selection of power supplies with advanced non flicker control, while voltage ribbons are still dominated by PWM control which produces a strong flicker.

### Disadvantages

- 1) There are shorter maximum lines compared to voltage ribbons.
- 2) They are not suitable for the cases where it is unknown prior the application how many lights shall be connected to the circuit in various lengths - the furniture sector.

### CURRENT LED RIBBONS

ATTENTION! Current LED ribbons have a current power supply, not voltage one. Not every profile can cool this output. Profiles suitable for this LED ribbons can be found [HERE](#). Consult our specialists when preparing the project.

## PowerLED 56 CC | warranty 5 years | 10 m roll



Current PowerLED ribbons 56 CC are suitable for direct lighting in deeper profiles or indirect lighting. They are designed for lighting or backlighting in shopping centers, industrial halls, railway stations, airports, transport structures, etc. Selecting a suitable power supply and determining the length of the line requires expertise. As an example, we present a table with a suitable plugging.

These ribbons are designed for professionals. Consult our specialists.

56 LED/m 39,6W/m U = cca 22V width 10mm CRI>80 IP20 3SDCM LED Seoul3030 divisibility (7LED) 125mm maximum line 2m



blue	Colour temp.	Luminous flux by 1,8A/m	Light efficiency by 1,8A/m	Order code
12 %	2700K	5500 lm	139 lm/W	<b>00219025</b>
22 %	4000K	6160 lm	156 lm/W	<b>00219028</b>
35 %	6500K	6100 lm	154 lm/W	<b>00219029</b>

## PowerLED 112 CC | warranty 5 years | 10 m roll



Current PowerLED ribbons 112 CC are suitable for indirect and direct lighting even in lower profiles, where they create continuous lines. Designed for the production of line lighting, side lighting and for the most demanding applications in industry and construction.

These ribbons are designed for professionals. Consult our specialists.

112 LED/m 80W/m U = cca 22V width 12mm CRI>80 IP20 3SDCM LED Seoul3030 divisibility (7LED) 62,5mm maximum line 2m



blue	Colour temp.	Luminous flux by 3,6A/m	Light efficiency by 3,6A/m	Order code
12 %	2700K	11320 lm	142 lm/W	<b>00219021</b>
22 %	4000K	12320 lm	154 lm/W	<b>00219022</b>
32 %	5700K	12300 lm	154 lm/W	<b>00219023</b>
35 %	6500K	12200 lm	153 lm/W	<b>00219024</b>

## Coloured LED series

Colour lighting ribbons from OptiLED series are appropriate for design lighting, backlighting of advertisements and other use.

### OptiLED 60/color 4,8W 12V | warranty 5 years | 10 m roll

Monochromatic ribbons of 60led/m.

60 LED/m

4,8W/m

U = 12V

width 8mm

IP20

LED 2835

divisibility (3LED) 50mm

maximum line 5m



Colour	Luminous flux	Light efficiency	Order code
RED	41 lm	9 lm/W	<b>00051371</b>
GREEN	330 lm	69 lm/W	<b>00051365</b>
BLUE	87 lm	18 lm/W	<b>00051369</b>

### OptiLED/RGB 30 7,2W 12V | warranty 5 years | 10 m roll

Economical colour led ribbons suitable for less demanding applications, indirect backlighting.

30 LED/m

7,2W/m

U = 12V

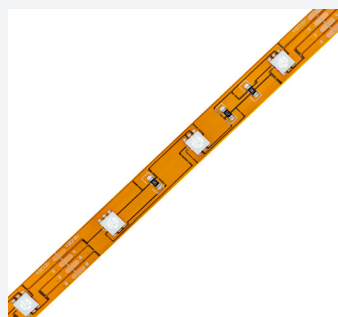
width 12mm

IP20

LED 2835

divisibility (3LED) 100mm

maximum line 4m



Luminous flux			Light efficiency (lm/W)			Order code
RED	GREEN	BLUE	RED	GREEN	BLUE	
65 lm	168 lm	47 lm	27	70	20	<b>00051372</b>

### OptiLED 60/RGB 14,4W 12V | warranty 5 years | 10 m roll

Powerful color LED ribbons with a higher thickness of copper on the printed circuit board.

60 LED/m

14,4W/m

U = 12V

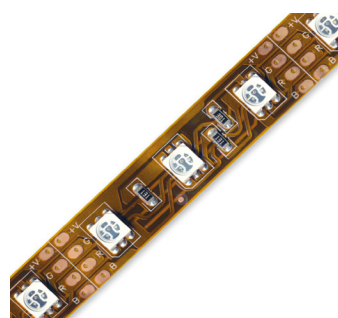
width 12mm

IP20

LED 2835

divisibility (3LED) 50mm

maximum line 4,5m



Luminous flux			Light efficiency (lm/W)			Order code
RED	GREEN	BLUE	RED	GREEN	BLUE	
150 lm	260 lm	65 lm	31	54	14	<b>00200169</b>

## full spectrum, disinfection and other special LED ribbons and moduls

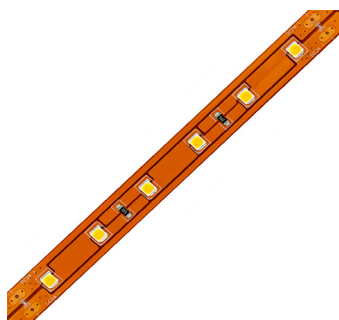
Special LED ribbons assembled according to customer specific requirements.  
Do you have a project for which you need an odd ribbon? Feel free to contact us!

### LED ribbon to sauna 60 15W 24V | warranty 5 let | 10 m roll



Ribbon designed for the environment with high ambient temperature up to 80°C, for example, for the sauna. Ribbon of this kind is protected by Parylene - a special nano surface applied in a vacuum, used, among other things, in healthcare for implants and for the protection of printed circuit boards. The ribbon must be handled carefully and the surface protected from scratches.

60 LED/m 15W/m U = 24V width 10mm CRI>90 IP65 LED NICHIA3030 divisibility (6LED) 100mm maximum line 5m



blue	Colour temp.	Luminous flux	Light efficiency	Order code
17 %	3500K	1720lm	115lm/W	00217226

### LED modul 12x570, 2x8S8P, CC | warranty 5 years

For special cases when LED ribbons with a certain combination of colour temperatures, different types of LEDs, a special colour, a short delivery time or with an extra high CRI are needed. On our universal PCB 12x570mm we can mount any LED in the 5630 socket with a final density of 112led/m. The resulting ribbon is of a current type with a supply voltage of about 22V and a maximum current of 1.75A/m.

2x 64led/dps (112 LED/m) max.40W/m U = cca23V measure 12x570mm IP20 LED 5630 divisibility (8LED) 71mm maximum line 3dps



Examples of possible installations:

Brand of LED	CRI	Colour temp.	Luminous flux/m	Light efficiency	Order code
Yuji	CRI95	4000K	4000lm	100lm/W	00218745
LG	CRI80	3000K	6000lm	150lm/W	00215070

We will be happy to install the LED supplied by you on these dps.

### LED modul 12x562, 2x7S9P, CV/CC | warranty 5 years

For special cases when a two-channel LED ribbon with a certain combination of colour temperatures, different types of LEDs, a special colour, a short delivery time or with an extra high CRI is required. On our universal PCB 12x562mm we can mount any LED in the 3528 socket with a final density of 2 x 112led/m. The resulting ribbon is of a current type with a supply voltage of about 21V and a maximum current of 1.2A/m/channel, or voltage at 24V. The channels are independent of each other - that is, they do not have + or - in common.

2x63led/dps (2x112 LED/m) max.50.4W/m U = cca21V measure 12x562mm IP20 LED 2835 divisibility (7LED) 62,5mm maximum line 3dps



Examples of possible installations:

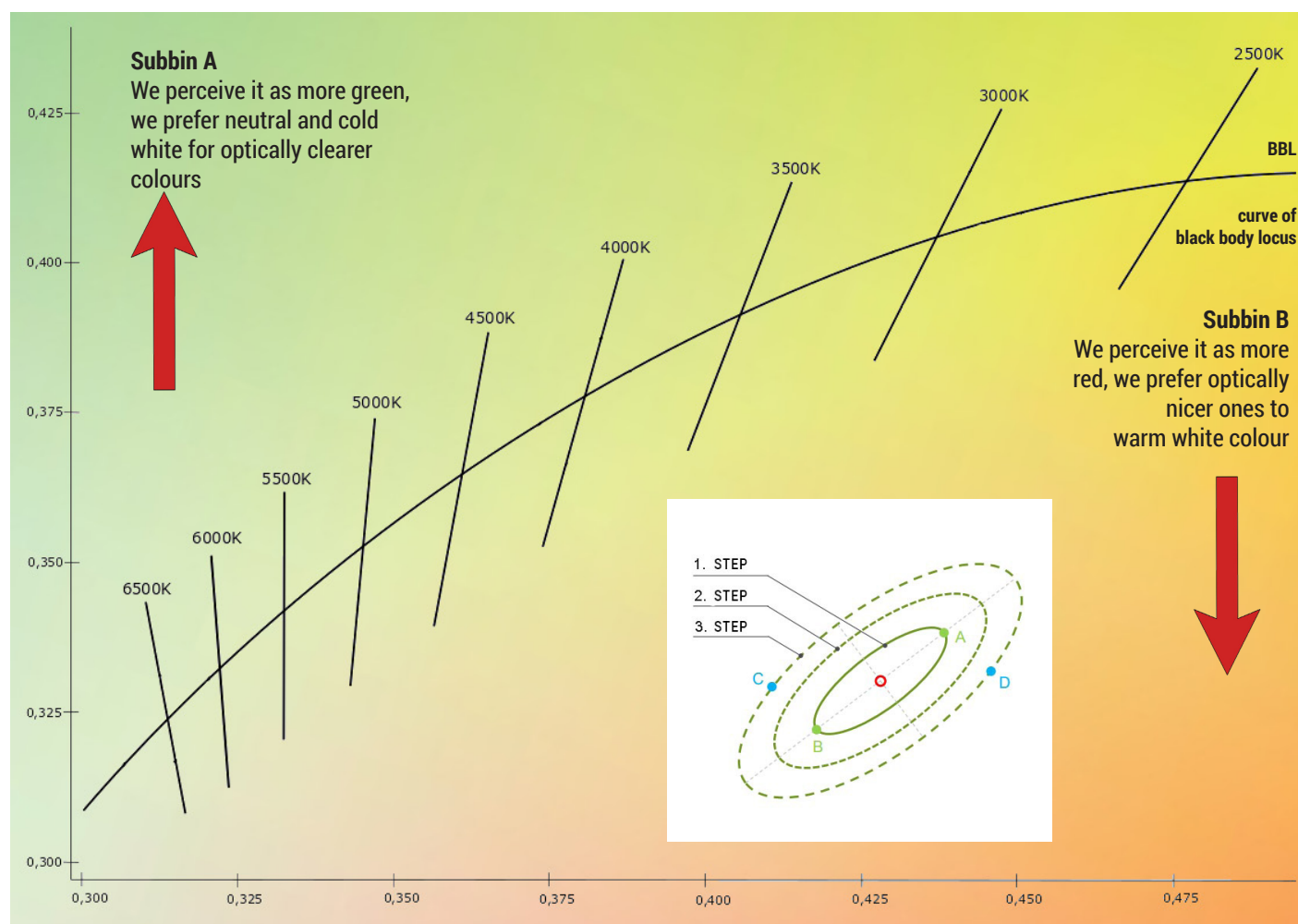
Brand of LED	CRI	Colour temp.	Luminous flux/m	Light efficiency	Order code
Seoul	CRI80	2700/6500K	3500/4000lm	150lm/W	00214893
Yuji	CRI95	2700/4000K	2250/2500lm	100lm/W	00219059
Seoul	CRI80	UVA + 4000K	11700mW/4000lm	150lm/W	00220187

We will be happy to install the LED supplied by you on these dps.



To better clarify the meaning of the designations of sub-bin A and sub-bin B, we have prepared the following graphic representation for you:

The range of A / B sub-bins is defined as: the 4SDCM ellipse at a given colour temperature divided in half by a black body locus (BBL). Sub-bin A is above BBL, sub-bin B is below BBL.



Laboratory measurement of MacAdam ellipse in SDCM (Standard Deviation Colour Matching)			
The size of a MacAdams ellipse	1 SDCM	2 SDCM	3 a 4 SDCM

#### 4 steps MacAdam – 4SDCM

This is a metric that describes how large differences in colour can be between LEDs of one colour temperature. The LED manufacturing process produces a wide range of colour temperatures, which are sorted by colouring.

These categorized LEDs consist of wider selections for mounting on LED ribbons, for example.

Less SDCM – less variation in LED colours.

3SDCM = with a standard LED ribbon in a profile, there are no differences in the colouring of the LEDs.

**BBL - black body locus** – black body radiation curve.

FA physical model of an ideal emitter that emits a spectrum depending on its temperature.

In the ordinary world, a classic tungsten light bulb is close to such emitter.

Power LED 56CC	Current in ribbon of 0,6 A/m				Current in ribbon of 1,2 A/m				Current in ribbon of 1,8 A/m			
Length m	Consump- tion W	Current A	Recommended power supply	Catalog number	Consump- tion W	Current A	Recommended power supply	Catalog number	Consump- tion W	Current A	Recommended power supply	Catalog number
0,2	2	0,12	LCM-25 + REZ	00204600	5	0,24	LCM-25 + REZ	00204600	8	0,36	LCM-25 + REZ	00204600
0,4	5	0,24	LCM-25 + REZ	00204600	10	0,48	LCM-25	00204600	15	0,72	LCM-25	00204600
0,6	7	0,36	LCM-25	00204600	14	0,72	LCM-25	00204600	23	1,08	LCM-25	00204600
0,8	9	0,48	LCM-25	00204600	19	0,96	LCM-25	00204600	30	1,44	ELG-75-24B + Rez	00212310
1	11	0,6	LCM-25	00204600	24	1,2	ELG-75-24B + Rez	00212310	38	1,8	ELG-75-24A	00215330
1,2	14	0,72	LCM-25	00204600	29	1,44	ELG-75-24B + Rez	00212310	45	2,16	ELG-75-24A	00215330
1,4	16	0,84	LCM-25	00204600	34	1,68	ELG-75-24A	00215330	53	2,52	ELG-75-24A	00215330
1,6	18	0,96	LCM-25	00204600	38	1,92	ELG-75-24A	00215330	60	2,88	ELG-75-24A	00215330
1,8	21	1,08	LCM-25	00204600	43	2,16	ELG-75-24A	00215330	68	3,24	ELG-100-24A	00210983
2	23	1,2	ELG-75-24B + Rez	00212310	48	2,4	ELG-75-24A	00215330	76	3,6	ELG-100-24A	00210983
2,2	25	1,32	ELG-75-24B + Rez	00212310	53	2,64	ELG-75-24A	00215330	83	3,96	ELG-100-24A	00210983
2,4	27	1,44	ELG-75-24B + Rez	00212310	58	2,88	ELG-75-24A	00215330	91	4,32	ELG-150-24A	00206684
2,6	30	1,56	ELG-75-24A	00215330	62	3,12	ELG-75-24A	00215330	98	4,68	ELG-150-24A	00206684
2,8	32	1,68	ELG-75-24A	00215330	67	3,36	ELG-100-24A	00210983	106	5,04	ELG-150-24A	00206684
3	34	1,8	ELG-75-24A	00215330	72	3,6	ELG-100-24A	00210983	113	5,4	ELG-150-24A	00206684
3,2	36	1,92	ELG-75-24A	00215330	77	3,84	ELG-100-24A	00210983	121	5,76	ELG-150-24A	00206684
3,4	39	2,04	ELG-75-24A	00215330	82	4,08	ELG-100-24A	00210983	129	6,12	ELG-200-24A	00211012
3,6	41	2,16	ELG-75-24A	00215330	86	4,32	ELG-150-24A	00206684	136	6,48	ELG-200-24A	00211012
3,8	43	2,28	ELG-75-24A	00215330	91	4,56	ELG-150-24A	00206684	144	6,84	ELG-200-24A	00211012
4	46	2,4	ELG-75-24A	00215330	96	4,8	ELG-150-24A	00206684	151	7,2	ELG-200-24A	00211012

Power supplies type A = For correct setting of the current by the LED ribbon, it is necessary to set the driver with a built-in trimmer

Power supplies LCM = suitable operating current must be set using DIP SWITCH

+ REZ = It is necessary to reduce the working current by connecting a suitable resistor to the dimming input

Power LED 112CC	Current in ribbon of 1,2 A/m				Current in ribbon of 2,4 A/m				Current in ribbon of 3,6 A/m			
Length m	Consumption W	Current A	Recommended power supply	Catalog number	Consumption W	Current A	Recommended power supply	Catalog number	Consumption W	Current A	Recommended power supply	Catalog number
0,2	5	0,24	LCM-25 + REZ	00204600	10	0,48	LCM-25	00204600	15	0,72	LCM-25	00204600
0,4	9	0,48	LCM-25	00204600	19	0,96	LCM-25	00204600	30	1,44	ELG-75-24B + Rez	00212310
0,6	14	0,72	LCM-25	00204600	29	1,44	ELG-75-24B + Rez	00212310	45	2,16	ELG-75-24A	00215330
0,8	18	0,96	LCM-25	00204600	38	1,92	ELG-75-24B + Rez	00212310	60	2,88	ELG-75-24A	00215330
1	23	1,2	ELG-75-24B + Rez	00212310	48	2,4	ELG-75-24A	00215330	76	3,6	ELG-100-24A	00210983
1,2	27	1,44	ELG-75-24B + Rez	00212310	58	2,88	ELG-75-24A	00215330	91	4,32	ELG-150-24A	00206684
1,4	32	1,68	ELG-75-24B + Rez	00212310	67	3,36	ELG-100-24A	00210983	106	5,04	ELG-150-24A	00206684
1,6	36	1,92	ELG-75-24B + Rez	00212310	77	3,84	ELG-100-24A	00210983	121	5,76	ELG-150-24A	00206684
1,8	41	2,16	ELG-75-24A	00215330	86	4,32	ELG-150-24A	00206684	136	6,48	ELG-200-24A	00211012
2	46	2,4	ELG-75-24A	00215330	96	4,8	ELG-150-24A	00206684	151	7,2	ELG-200-24A	00211012
2,2	50	2,64	ELG-75-24A	00215330	106	5,28	ELG-150-24A	00206684	166	7,92	ELG-200-24A	00211012
2,4	55	2,88	ELG-75-24A	00215330	115	5,76	ELG-150-24A	00206684	181	8,64	ELG-240-24A	00210439
2,6	59	3,12	ELG-100-24A	00210983	125	6,24	ELG-200-24A	00211012	197	9,36	ELG-240-24A	00210439
2,8	64	3,36	ELG-100-24A	00210983	134	6,72	ELG-200-24A	00211012	212	10,08	ELG-240-24A	00210439
3	68	3,6	ELG-100-24A	00210983	144	7,2	ELG-200-24A	00211012	227	10,8	HLG-320H-24A	00202340
3,2	73	3,84	ELG-100-24A	00210983	154	7,68	ELG-200-24A	00211012	242	11,52	HLG-320H-24A	00202340
3,4	78	4,08	ELG-100-24A	00210983	163	8,16	ELG-200-24A	00211012	257	12,24	HLG-320H-24A	00202340
3,6	82	4,32	ELG-150-24A	00206684	173	8,64	ELG-240-24A	00210439	272	12,96	HLG-320H-24A	00202340
3,8	87	4,56	ELG-150-24A	00206684	182	9,12	ELG-240-24A	00210439	287	13,68	HLG-320H-24A	00202340
4	91	4,8	ELG-150-24A	00206684	192	9,6	ELG-240-24A	00210439	302	14,4	HLG-320H-24A	00202340

Power supplies type A = For correct setting of the current by the LED ribbon, it is necessary to set the driver with a built-in trimmer

Power supplies LCM = suitable operating current must be set using DIP SWITCH

+ REZ = It is necessary to reduce the working current by connecting a suitable resistor to the dimming input



## Production capacity

- Several mounting lines specialized in mounting LED modules
- Total output of 120,000 LED/hour
- Electromechanical production

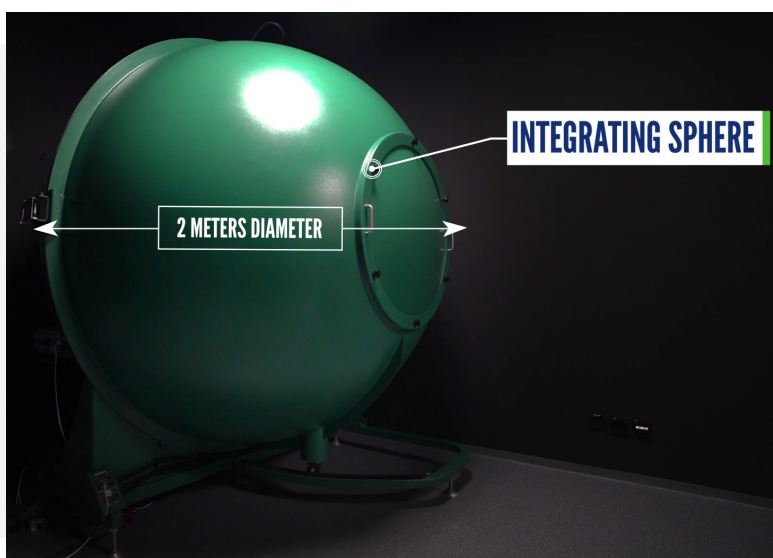


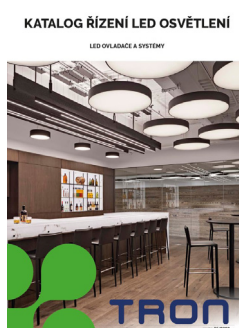
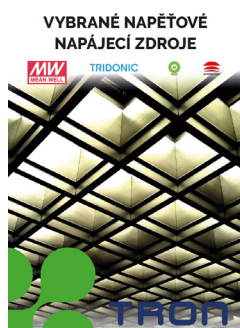
## Extensive warehouse

- Wide range of products kept permanently in stock in large quantities
- Comprehensive range of LED profiles, accessories and LED accessories
- Customer stock items
- Items to order

## Highly equipped photo laboratory with photogoniometer and 2m integrating sphere

- Design of LED modules and electronics
- Development of own TRON LED modules
- Customer development and production of LED modules
- LED projects





## General Terms and Conditions



## Complaints Procedure



## CONTACTS

### Branch

Shipping address for goods and correspondence  
TRON ELEKTRONICKÉ SOUČÁSTKY, s.r.o.  
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Czech Republic

### Billing address and registration

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