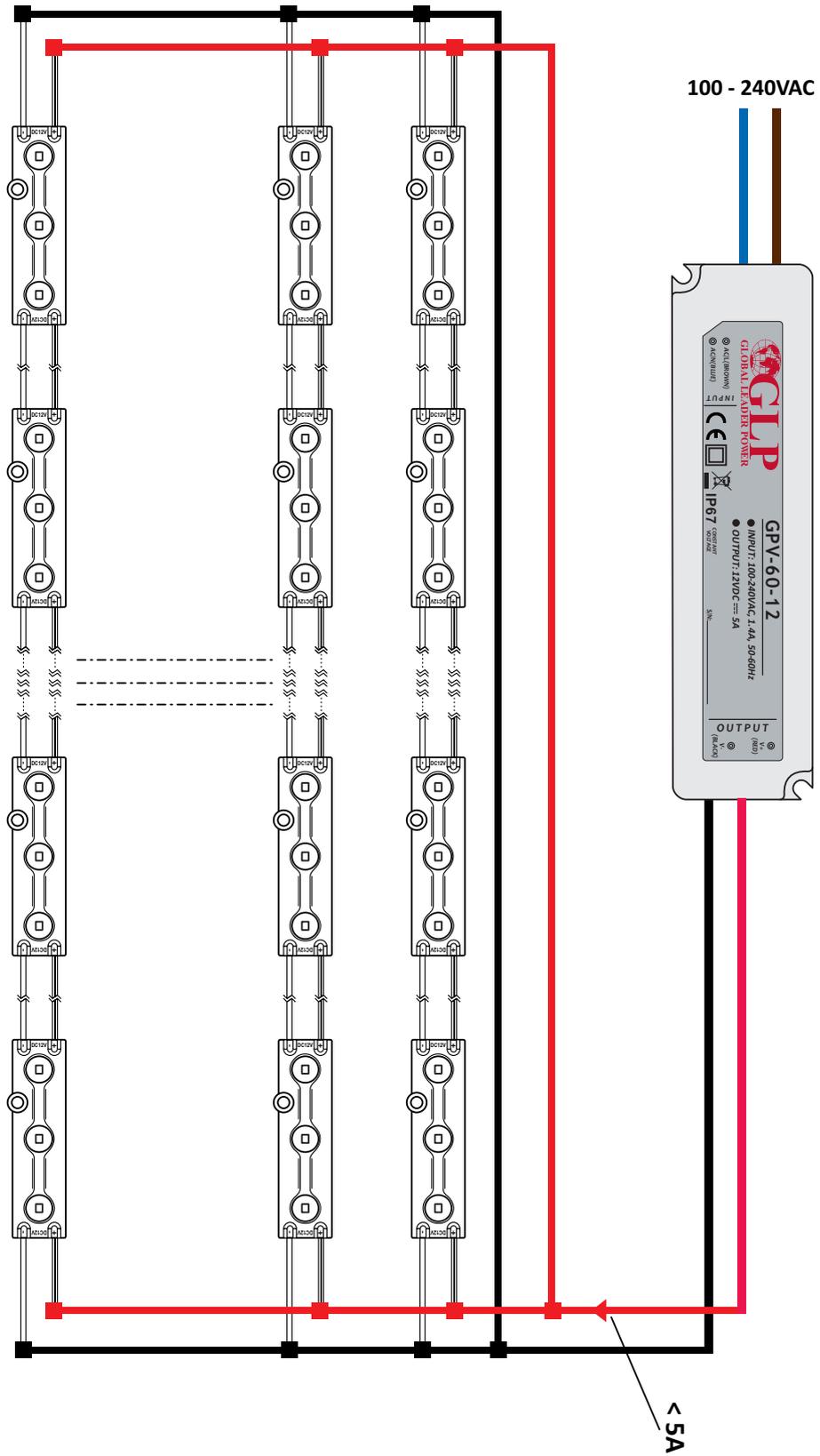




# LIGHTING

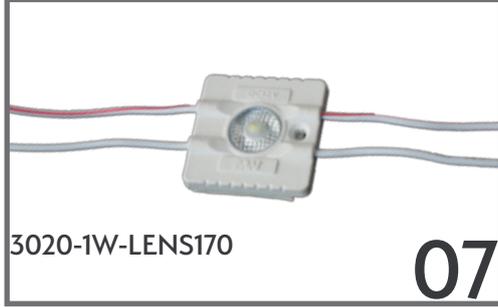
# LED MODULES

# SUGGESTED CONNECTION SCHEME



specially usefull for aplications using long module chains and/or using modules without Constant Current circuit

# TABLE OF CONTENTS



# 2835-1W-LENS



## features

- available colors: white
- 50 pcs chain
- IP67 protection
- build-in constant current circuit
- adhesive tape
- 4 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%
	power consumption	0.3 W
diodes	diodes type	2835
	colour temperature	6000k 7000k
	flux	26lm
	beam angle	160°
	lifetime	50 000 hours
working enviroment	protection	IP67
	working temperature	-25°C ~ 60°C
dimensions	H*W*L	5.9*14.8*29 mm
	wire length	128 mm
other	number of modules per 1m	9.5
	pcs in bag	-
	pcs in box	-

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	36	54	60	105	180	225	300	360	600

# 2835-2X-LENS



## features

- available colors: cold white, white, red, green, blue
- wide beam angle 160°
- built-in constant current circuit
- 50 pcs chain
- IP67 protection
- **3M** adhesive tape
- 4 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%				
	power consumption	0.48 W				
diodes	diodes type	2835				
	colour temperature	9000k 16000k	6000k 7000k	620nm 630nm	520nm 530nm	460nm 470nm
	flux	42lm	44lm	12lm	24lm	7lm
	beam angle	160°				
	lifetime	50 000 hours				
working enviroment	protection	IP67				
	working temperature	-40°C ~ 100°C				
dimensions	H*W*L	6.4*14.6*44.2 mm				
	wire length	60.8 mm				
other	number of modules per 1m	9.5				
	pcs in bag	200				
	pcs in box	2000				

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	16	33	33	50	83	100	133	225	266

# 2835-3X-LENS



## features

- available colors: cold white, white, red, green, blue
- wide beam angle 160°
- built-in constant current circuit
- 40 pcs chain
- IP67 protection
- **3M** adhesive tape
- 4 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%				
	power consumption	0.72 W				
diodes	diodes type	2835				
	colour temperature	9000k 16000k	6000k 7000k	620nm 630nm	520nm 530nm	460nm 470nm
	flux	63lm	66lm	18lm	36lm	10lm
	beam angle	160°				
	lifetime	50 000 hours				
working enviroment	protection	IP67				
	working temperature	-40°C ~ 100°C				
dimensions	H*W*L	6.4*15*65 mm				
	wire length	100 mm				
other	number of modules per 1m	6.06				
	pcs in bag	160				
	pcs in box	2560				

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	15	22	25	44	75	94	125	150	250

# 2835-4W-LENS 2835-6W-LENS



## Cechy features

- available colors: white
- wide beam angle 160°
- built-in constant current circuit
- 30 pcs chain
- IP67 protection
- **3M** adhesive tape
- 4 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%
	power consumption	1.2 / 2 W
diodes	diodes type	2835
	colour temperature	6000k 7000k
	flux	104lm   176lm
	beam angle	160°
	lifetime	50 000 hours
working enviroment	protection	IP67
	working temperature	-40°C ~ 100°C
dimensions	H*W*L	5.9*35.8*35.8 mm 5.9*35*63 mm
	wire length	170 / 200 mm
other	number of modules per 1m	6.06
	pcs in bag	160
	pcs in box	2560

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	10/6	13/8	17/10	30/18	50/30	63/38	83/50	90/54	166/100

## features

- available colors: white
- wide beam angle 170°
- built-in constant current circuit
- 20 pcs chain
- IP67 protection
- **3M** adhesive tape
- 4 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%	
	power consumption	1.2W	
diodes	diodes type	3020	
	colour temperature	10000k 15000k	6000k 8000k
	flux	95lm	100lm
	beam angle	170°	
	lifetime	50 000 hours	
	working enviroment	protection	IP67
working temperature		-40°C ~ 100°C	
dimensions	H*W*L	5.7*28*28 mm	
	wire length	240 mm	
other	number of modules per 1m	4	
	pcs in bag	120	
	pcs in box	1440	

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	10	11	20	30	50	60	80	75	160

# 5730-3X-LENS



## features

- available colors: cold white, white, warm white
- wide beam angle 160°
- built-in constant current circuit
- 20 pcs chain
- IP67 protection
- **3M** adhesive tape
- 4 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%		
	power consumption	1.44 W		
diodes	diodes type	5730		
	colour temperature	9000k 16000k	6000k 7000k	2700k 3200k
	flux	120lm	123lm	120lm
	beam angle	160°		
	lifetime	50 000 hours		
working enviroment	protection	IP67		
	working temperature	-40°C ~ 100°C		
dimensions	H*W*L	7*18*82 mm		
	wire length	150 mm		
other	number of modules per 1m	4.3		
	pcs in bag	120		
	pcs in box	1680		

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	10	11	20	30	50	60	80	75	160

## features

- available colors: white
- built-in constant current circuit
- 40 pcs chain
- IP67 protection
- **3M** adhesive tape
- 4 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%
	power consumption	0.72 W
diodes	diodes type	5050
	colour temperature	9000k 16000k
	flux	63lm
	beam angle	120°
	lifetime	50 000 hours
working enviroment	protection	IP67
	working temperature	-40°C ~ 100°C
dimensions	H*W*L	4.9*14.6*60 mm
	wire length	110 mm
other	number of modules per 1m	5.88
	pcs in bag	120
	pcs in box	1680

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	16	22	33	50	83	100	133	150	266

### features

- available colors: white
- built-in constant current circuit
- 30 pcs chain
- IP67 protection
- **3M** adhesive tape
- 4 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%
	power consumption	1.44 W
diodes	diodes type	3030
	colour temperature	6000k 7000k
	flux	120lm 145lm
	beam angle	56° x 12° *
	lifetime	50 000 godzin 50 000 hours
working enviroment	protection	IP67
	working temperature	-40°C ~ 60°C
dimensions	H*W*L	14.8*36*43 mm
	wire length	110 mm
other	number of modules per 1m	6.5
	<b>pcs in bag</b>	60
	<b>pcs in box</b>	600

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	10	11	20	30	50	60	80	75	160

depending on the orientation vertically or horizontally

### features

- avilable colors: white
- built-in constant current circuit
- 20 pcs chain
- IP67 protection
- **3M** adhesive tape
- 4 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%
	power consumption	3 W
diodes	diodes type	3030
	colour temperature	5500k 7000k
	flux	220lm
	beam angle	56° x 12° *
	lifetime	50 000 godzin 50 000 hours
working enviroment	protection	IP67
	working temperature	-40°C ~ 60°C
dimensions	H*W*L	21*33*57mm
	wire length	110 mm
other	number of modules per 1m	5
	pcs in bag	-
	pcs in box	320

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	4	6	8	12	21	25	34	39	68

depending on the orientation vertically or horizontally

# 3528-2X-MINI 3528-3X-MINI



## features

- available colors: white
- 20 pcs chain
- IP65 protection
- **3M** adhesive tape
- 2 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%
	power consumption	0.16 / 0.24 W
diodes	diodes type	3528
	colour temperature	6000k 8000k
	flux	18-22lm   60-69lm
	beam angle	120°
	lifetime	50 000 hours
working enviroment	protection	IP65
	working temperature	-40°C ~ 50°C
dimensions	H*W*L	4*7*26 / 4.2*11*38 mm
	wire length	40 mm
other	number of modules per 1m	16 / 13
	pcs in bag	560 / 400
	pcs in box	3528

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	75/50	101/67	150/100	225/150	375/250	450/300	600/400	675/450	1200/800

## Cechy features

- available colors: cold white, white, red, green, blue
- 20 pcs chain
- IP65 protection
- **3M** adhesive tape
- 2 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%				
	power consumption	0.70 / 0.96 W				
diodes	diodes type	2835				
	colour temperature	9000k 16000k	6000k 7000k	620nm 630nm	520nm 530nm	460nm 470nm
	flux	51-80lm	51-80lm	18-28lm	36-54lm	11-18lm
	beam angle	120°				
	lifetime	50 000 hours				
working enviroment	protection	IP65				
	working temperature	-40°C ~ 50°C				
dimensions	H*W*L	4.5*15*92 / 5.6*36*36 mm				
	wire length	120 / 130 mm				
other	number of modules per 1m	5 / 6				
	pcs in bag	120				
	pcs in box	1920				

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	16/12	22/17	33/25	50/37	83/62	100/75	133/100	150/113	266/200

### Cechy features

- available colors: RGB
- 20 pcs chain
- IP65 protection
- **3M** adhesive tape
- 2 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%
	power consumption	0.72W
diodes	diodes type	5050
	colour temperature	
	beam angle	120°
	lifetime	50 000 godzin 50 000 hours
working enviroment	protection	IP65
	working temperature	-40°C ~ 50°C
dimensions	H*W*L	4.5*15*92 mm
	wire length	100 mm
other	number of modules per 1m	6
	pcs in bag	120
	pcs in box	1920

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	16	22	33	50	83	100	133	150	266

### features

- available colors: cold white, white
- wide beam angle 160°
- 20 pcs chain
- IP67 protection
- 3 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%
	power consumption	0.72 W
diodes	diodes type	2835
	colour temperature	8000k 6000k 12000k 7000k
	flux	69lm
	beam angle	160°
	lifetime	50 000 godzin 50 000 hours
	working enviroment	IP67
working enviroment	working temperature	-40°C ~ 50°C
	protection	IP67
dimensions	H*W*L	66*14*5 mm
	wire length	90 mm
other	number of modules per 1m	6.5
	pcs in bag	100
	pcs in box	1800

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	16	25	27	48	83	104	138	208	276

### features

- available colors: cold white, white
- wide beam angle 160°
- 20 pcs chain
- IP67 protection
- 3 years warranty
- cut by each module



input	rated voltage	12 Vdc ± 5%
	power consumption	1.20 W
diodes	diodes type	2835
	colour temperature	8000k 12000k 6000k 7000k
	flux	105lm
	beam angle	160°
	lifetime	50 000 godzin 50 000 hours
	working enviroment	IP67
working enviroment	working temperature	-40°C ~ 50°C
	protection	IP67
dimensions	H*W*L	66*14*5 mm
	wire length	90 mm
other	number of modules per 1m	6.5
	pcs in bag	100
	pcs in box	1800

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	11	16	18	32	55	69	92	138	184

## features

- available colors: cold white, white
- 30 pcs chain
- IP67 protection
- 3 years warranty
- cut by each module



<b>Zasilanie</b> input	rated voltage	12 Vdc ± 5%
	power consumption	1.4 W
diodes	diodes type	3020
	colour temperature	8000k 6000k 12000k 7000k
	flux	130lm
	beam angle	18° x 50° *
	lifetime	50 000 hours
	working enviroment	protection
	working temperature	-40°C ~ 50°C
dimensions	H*W*L	45*25*4 mm
	wire length	130 mm
other	number of modules per 1m	6
	<b>pcs in bag</b>	90
	<b>pcs in box</b>	1260

power supply	GPV-12-12	GPV-18-12	GPV-20-12	GPV-35-12	GPV-60-12	GPV-75-12	GPV-100-12	GPV-150-12	GPV-200-12
number of modules	8	12	14	25	42	53	71	107	142

\* depending on the orientation vertically or horizontally

## features

- available colors: white
- 24Vdc power
- build-in constant current circuit
- IP20 protection
- +5V PWM control
- 5 years warranty



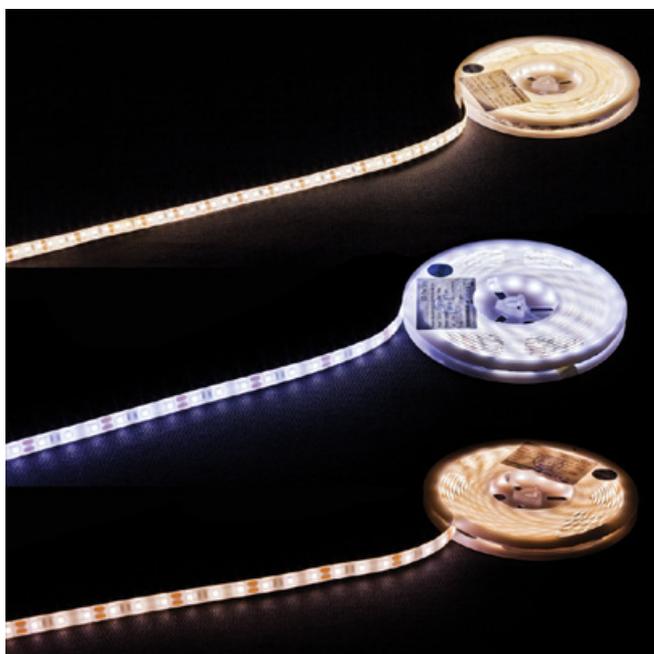
input	rated voltage	24 Vdc $\pm$ 5%
	power consumption	6.5 / 10.5 W
diodes	diodes type	SAMSUNG LH351Z
	colour temperature	6000k
	beam angle	10° x 40° *
	lifetime	50 000 hours
working enviroment	protection	IP20
	working temperature	-25°C ~ 60°C
dimensions	H*W*L	15.1*27.5*297.5 mm / 15.1*27.5*517.5 mm
	wire length	120 mm
other	number of modules per 1m	2.39 / 1.56

power supply	GPV-12-24	GPV-18-24	GPV-20-24	GPV-35-24	GPV-60-24	GPV-75-24	GPV-100-24	GPV-150-24	GPV-200-24
number of modules	2/1	2/1	3/2	5/3	8/6	11/7	15/9	23/14	30/19

depending on the orientation vertically or horizontally

## features

- excellent decorative properties
- for general purpose
- Double PCB - very good flow of current within the strips, reduced heat loss, long life diodes
- increased brightness
- The ability to cut every 5cm or 10cm
- In accordance with the RoHS, UL, Ce, UL94V-0
- 2 years or 6000 hours, whichever comes first for (12V)
- 2 years or 6000 hours, whichever comes first for (24V)



model	power/m	voltage	colour temperature				flux
			10000k 12000k	6000k 7000k	4000k 4500k	2700k 3000k	
2835-6W-x	6W	12V/24V	10000k 12000k	6000k 7000k	4000k 4500k	2700k 3000k	510-630lm/m
2835-9.6W-x	9.6W	12V/24V	10000k 12000k	6000k 7000k	4000k 4500k	2700k 3000k	840-1050lm/m
2835-12W-x	12W	12V/24V	10000k 12000k	6000k 7000k	4000k 4500k	2700k 3000k	1020-1260lm/m

**features**

- constant voltage design
- universal AC input / fully range (except GPV-18)
- voltage versions: 5v, 12V, 15V, 24V, 36V
- cooling by free air convection
- 100% full load burn-in test
- isolation class II
- fully encapsulated with IP67 level
- up to 5 years warranty



model	DC voltage	rated current	rated power	IP class	dimensions (L x W x H)	weight
GPV-18	12V	1.5A	18W	IP67	130 x 25 x 21mm	0.12kg
	24V	0.75A	18W		129.5 x 25 x 20mm	0.13kg
GPV-12	12V	1A	12W		140 x 32 x 25mm	0.20kg
	24V	0.5A	12W		149 x 32 x 28mm	0.25kg
GPV-20	5V	4A	20W			
	12V	2A	24W			
	15V	1.33A	20W			
GPV-35	24V	1A	24W		148 x 40 x 34mm	0.34kg
	5V	6A	30W			
	12V	3A	36W		162 x 42 x 33mm	0.36kg
	15V	2.4A	36W			
24V	1.5A	36W				
GPV-50	36V	1A	36W		162 x 42 x 33mm	0.38kg
	12V	4A	48W			
GPV-60	24V	2A	48W		187 x 52 x 37mm	0.60kg
	5V	10A	50W			
GPV-60	12V	1.5A	60W			
	15V	4A	60W			
	24V	2.5A	60W			
	36V	1.67A	60W			
GPV-75	24V	6A	72W	205 x 70 x 45mm	2.2kg	
	36V	3A	72W			
GPV-100	12V	8.3A	99.6W			
	24V	4.2A	100.8W			
	36V	2.8A	100.8W			
GPV-150	12V	10A	120W			
	24V	6A	144W			
GPV-200	12V	16A	192W			
	24V	8.3A	199.2W			



## recommended LED Power Supplies

### Cechy features

- constant voltage design
- build-in active PFC function
- range of models from 30W to 150W
- cooling by free air convection
- compliance to worldwide safety regulations for lighting
- isolation class II
- approved for installation directly on wood
- up to 5 years warranty

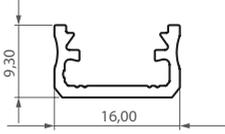
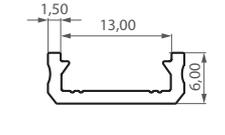
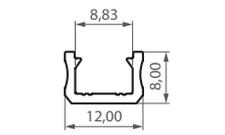
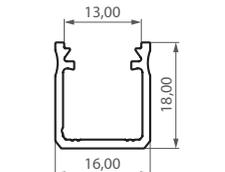


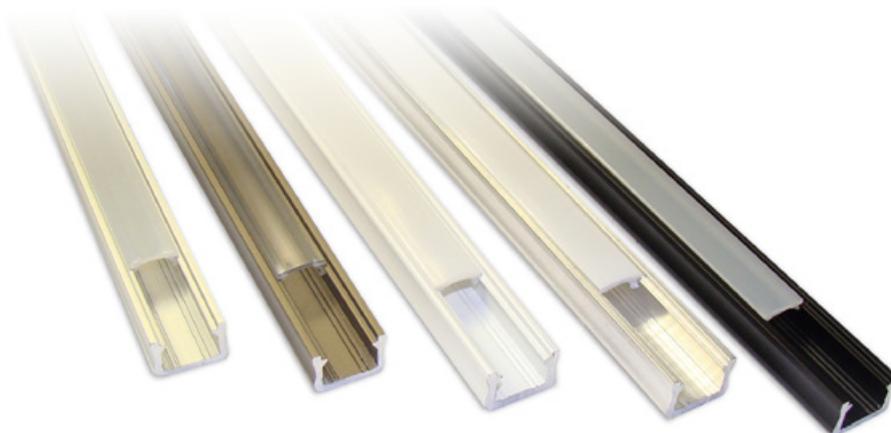
model	DC voltage	rated current	rated power	IP class	dimensions (L x W x H)	weight
FTPC-30-12S	12V	2.5A	30W	IP20	251 x 30 x 16mm	0.115kg
FTPC-30-24S	24V	1.25A	30W			
FTPC-60-12S	12V	5A	60W		304.5 x 30 x 17mm	0.165kg
FTPC-60-24S	24V	2.5A	60W			
FTPC-100-12S	12V	8.33A	100W		322 x 30 x 18,5mm	0.25kg
FTPC-100-24S	24V	4.15A	100W			
FTPC-150-12S	12V	11A	132W		180 x 65.5 x 31.2mm	0.45kg
FTPC-150-24S	24V	6.25A	150W			

## features

- perfectly design
- heat dissipation from led strip
- slide-covers and insert-covers
- three types of cover: milk, frost and transparent
- anodized or non-anodized aluminum
- available colours: black, inox (anodized) and white (varnish)
- terminal covers with same colour like alu profile
- terminal covers with and without hole for wire connection

## standard profiles

	ALU-A-2m-SILVER	aluminium anodowane / anodized aluminum
	ALU-A-2m-NA	aluminium nieanodowane / non-anodized aluminum
	ALU-A-2m-WHITE	biały lakierowany / varnished white
	ALU-A-2m-BLACK	czarny anodowany / anodized black
	ALU-A-2m-INOX	inox anodowany / anodized inox
	ALU-D-2m-SILVER	aluminium anodowane / anodized aluminum
	ALU-D-2m-NA	aluminium nieanodowane / non-anodized aluminum
	ALU-D-2m-WHITE	biały lakierowany / varnished white
	ALU-D-2m-BLACK	czarny anodowany / anodized black
	ALU-D-2m-INOX	inox anodowany / anodized inox
	ALU-X-2m-SILVER	aluminium anodowane / anodized aluminum
	ALU-X-2m-NA	aluminium nieanodowane / non-anodized aluminum
	ALU-X-2m-WHITE	biały lakierowany / varnished white
	ALU-X-2m-BLACK	czarny anodowany / anodized black
	ALU-X-2m-INOX	inox anodowany / anodized inox
	ALU-Y-2m-SILVER	aluminium anodowane / anodized aluminum
	ALU-Y-2m-NA	aluminium nieanodowane / non-anodized aluminum
	ALU-Y-2m-WHITE	biały lakierowany / varnished white
	ALU-Y-2m-BLACK	czarny anodowany / anodized black
	ALU-Y-2m-INOX	inox anodowany / anodized inox



# LIGHTING



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**SICK ALL THE TIME?**

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LG



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TIMES SQUARE

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