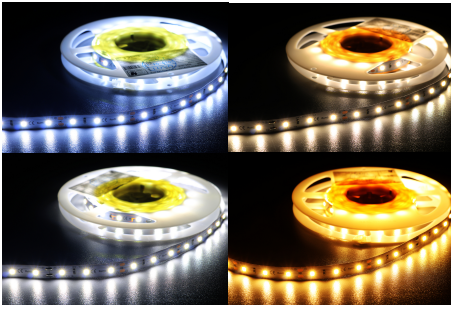


# HQS-2835-12W series

Professional LED strip LED 12V, 12W/m



## ■ Applications:

- Curve line lighting
- Freeze lighting
- Light bar applications

## ■ Features:

- Two layers 2oz thickness FPC(Flexible Printed Circuit)
- Can be cut every 5cm segment(3 LEDs in segment)
- Each segment with couple pads for secondary operation
- Enhanced 2835 LEDs
- Easy installation with 3M adhesive tape

## © MODEL ENCODING

HQS	-	2835	-	12W	-	X
Series	-	LED Chip	-	Power per 1m	-	WW Warm white color
					-	NW Neutral white color
					-	W White color
					-	CW Cold white color
					-	R Color Red
					-	Y Color Yellow
					-	G Color Green
					-	B Color Blue

## © ELECTRICAL SPECIFICATION

MODEL	HQS-2835-12W-CW	HQS-2835-12W-W	HQS-2835-12W-NW	HQS-2835-12W-WW
Chip	2835			
Supply voltage	12V ± 0.5VDC			
Current and Power per 1m	1000mA; 12W			
Current and Power per reel (5m)	5A; 60W			
CCT (Correlated Color Temperature) - rated	16000K	7000K	4500K	3200K
CCT (Correlated Color Temperature) - range	10000K ÷ 22000K	6000K ÷ 8000K	4000K ÷ 5000K	3000K ÷ 3400K
Beam Angle	120°			
Luminous Flux per meter and per watt	1020lm ÷ 1260lm / m; 87.5lm ÷ 106.25lm / W			
CRI	Ra = 70			
Maximum length for one sided supply	5m			
IP protection degree	IP33			
Working temperature	-25°C ÷ +50°C			
Storage temperature	-25°C ÷ +60°C			
LED Qty (per meter)	60 pcs			
Cut Section	50mm			
Connection wire	2xAWG20(0.52mm <sup>2</sup> ) stranded wire, length = 140mm; V+: red; V-: black			
Dimensions (L * W * H)	5000 * 10 * 1.2mm			
Packing	5m/roll(bag); 60pcs/ctn; ctn dimensions: 45x45x26.5cm			

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Professional LED strip LED 12V, 12W/m



## © ELECTRICAL SPECIFICATION

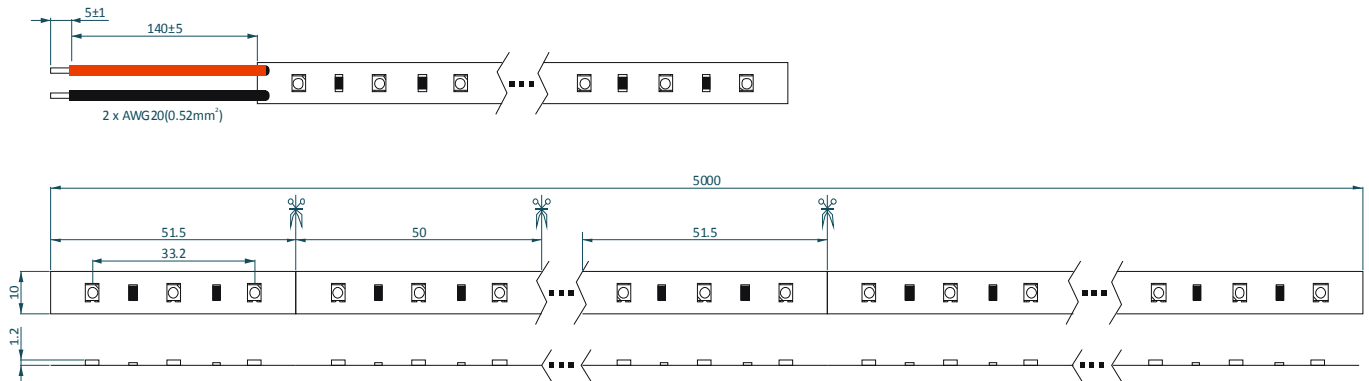
MODEL	HQS-2835-12W-R	HQS-2835-12W-Y	HQS-2835-12W-G	HQS-2835-12W-B
Chip	2835			
Supply voltage	12V ± 0.5VDC			
Current and Power per 1m	1000mA; 12W			
Current and Power per reel (5m)	5A; 60W			
CCT (Correlated Color Temperature) / Wavelength	620nm ÷ 630nm	588nm ÷ 594nm	520nm ÷ 530nm	460nm ÷ 470nm
Stream of light	27lm ÷ 33.5lm / W	24lm ÷ 29.5lm / W	50.5lm ÷ 62lm / W	16.5lm ÷ 20.5lm / W
Beam Angle	120°			
CRI	Ra = 70			
Maximum length for one sided supply	5m			
IP protection degree	IP33			
Working temperature	-25°C ÷ +50°C			
Storage temperature	-25°C ÷ +60°C			
LED Qty (per meter)	60 pcs			
Cut Section	50mm			
Connection wire	2xAWG20(0.52mm <sup>2</sup> ) stranded wire, length = 140mm; V+: red; V-: black			
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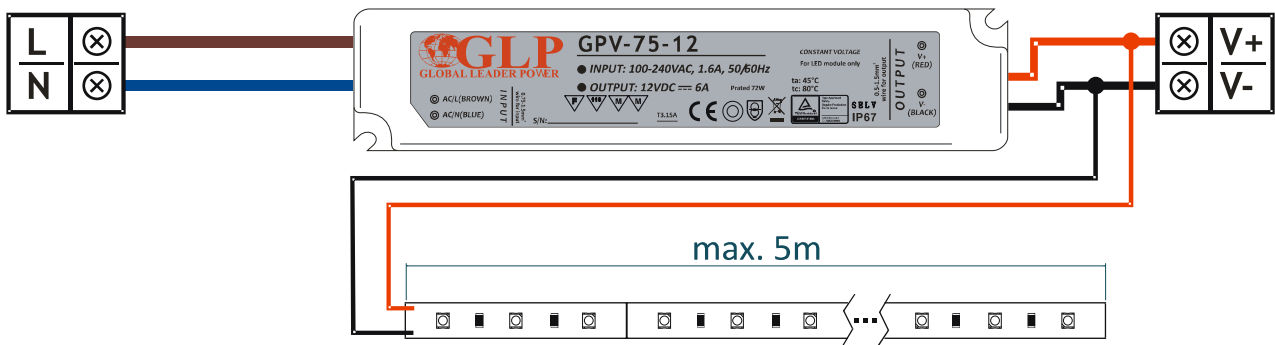


## MECHANICAL SPECIFICATION



## SUPPLY

### Strip length < 5m



### Strip length > 5m

