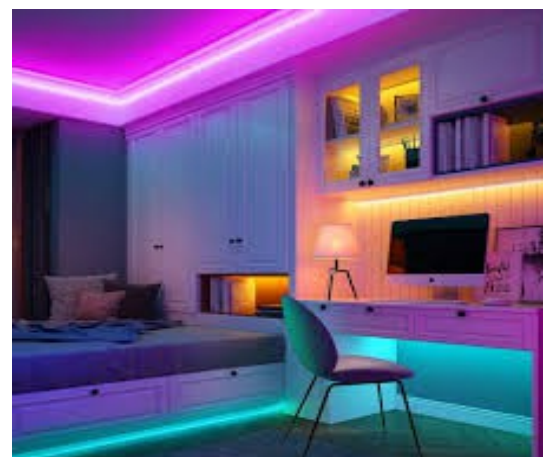
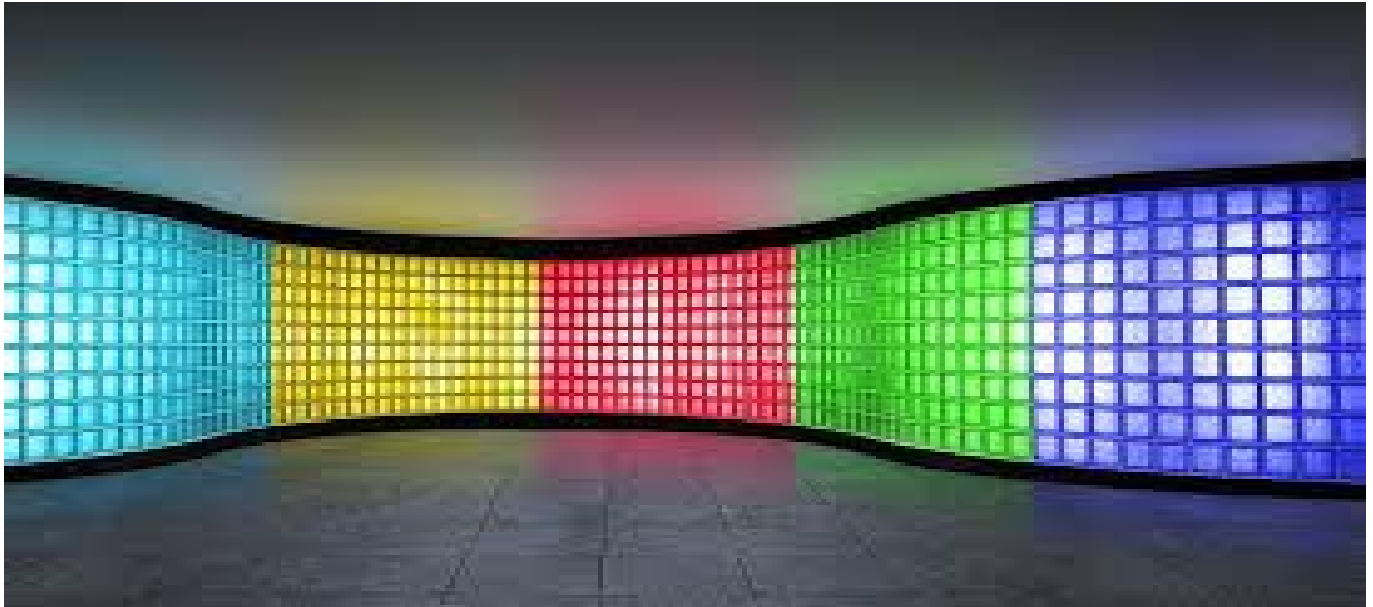




# 2022 CATALOGUE

01270 626407

*Established in 2005*







**SDL Lighting - part of the Eko Forest Group Limited**



Click on a Link to go to that page

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<a href="#">Aluminium Profile Page 4</a>	<a href="#">Aluminium Profile Page 5</a>	<a href="#">Drywall Profile Page 6</a>

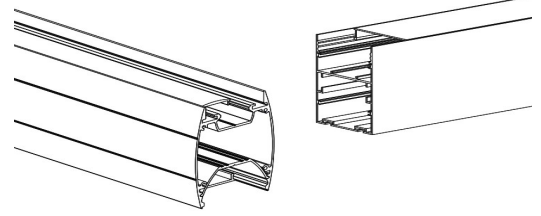
<a href="#">3528/60 Single Colour</a>	<a href="#">3528/120 Single Colour</a>	<a href="#">5050/60 Single Colour</a>
<a href="#">5050/30/RGB</a>	<a href="#">5050/60/RGB</a>	<a href="#">480/COB/12v</a> 
		<a href="#">288/COB/24v</a> 

<a href="#">Touch Wall Dimmers</a>	<a href="#">Triac Dimmers 1</a>	<a href="#">Triac Dimmers 2</a>	<a href="#">LED Dimmers</a>
<a href="#">RF8B</a>	<a href="#">RF800</a>	<a href="#">Data Repeaters</a>	<a href="#">DMX Driver</a>
<a href="#">RGB controller</a>	<a href="#">RGB controller</a>	<a href="#">24v LED Drivers</a> 	<a href="#">48v LED Drivers</a> 
<a href="#">12V LED Drivers</a>	<a href="#">12V LED Drivers</a>	<a href="#">100w 150w 360w</a>	<a href="#">Constant Current Strip</a>
<a href="#">36w – 60w - 72w</a>	<a href="#">150w 200w 360w</a>		

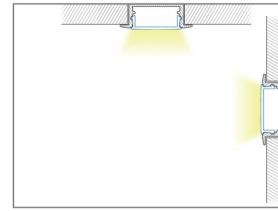
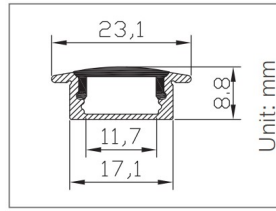
Color Temperature (KELVIN)	<b>2000K - 3000K</b>	<b>3100K - 4500K</b>	<b>4600K - 6500K</b>
Light Appearance	Warm White	Cool White	Daylight
Ambience	Cozy, calm, inviting, intimate	Bright, vibrant	Crisp, invigorating
Best for	Pendants, wall/coach lanterns, restaurant/commercial ambient lighting, residential recessed lighting, table & floor lamps	Basements, garages, work environments, task lighting	Display areas, security lighting, garages, task lighting

Our range is:  
Warm White 3000k – Natural White 4000k – Pure White 6000k

# Professional LED Aluminium Profile



## SDL-AP001



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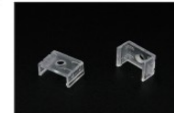
Aluminum Profile



Alu Profile (Back)

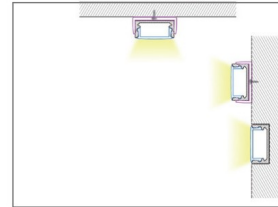
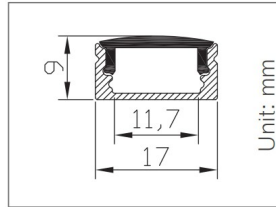


End Cap

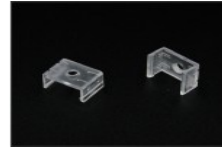


Mounting Clip (PC)

## SDL-AP002

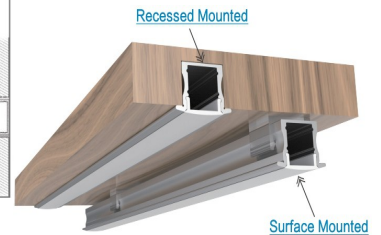
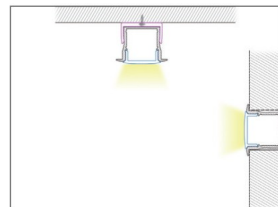
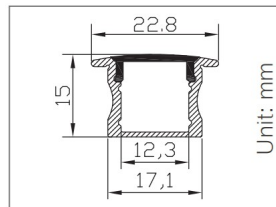


Aluminum Profile



Mounting Clip (PC)

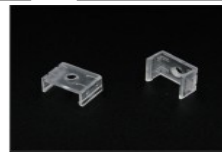
## SDL-AP003



For dot free you must use  
3528/120 led strip  
3528/240 led strip

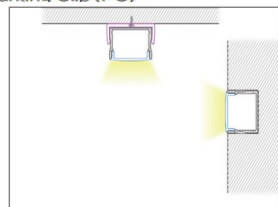
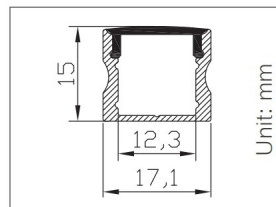


Aluminum Profile



Mounting Clip (PC)

## SDL-AP004



For dot free you must use  
3528/120 led strip  
3528/240 led strip



Aluminum Profile

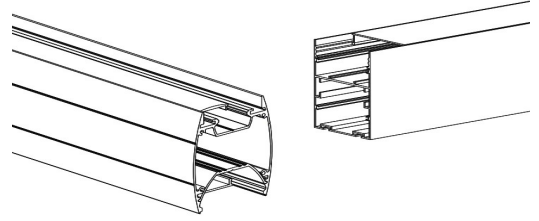


End Cap

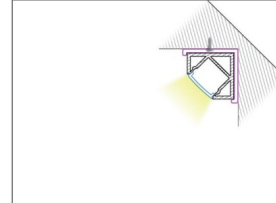
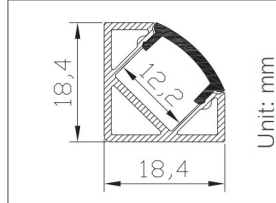


Mounting Clip (PC)

# Professional LED Aluminium Profile

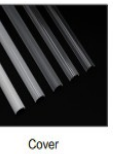
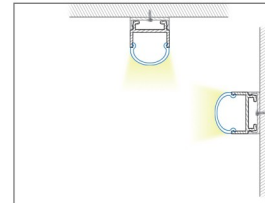
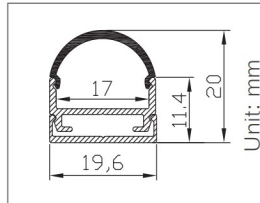


## SDL-AP007



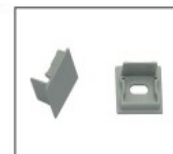
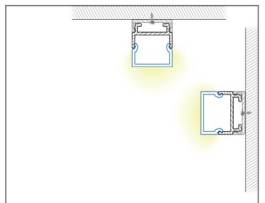
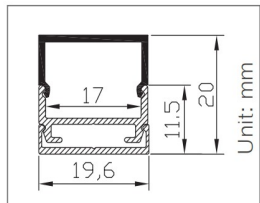
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## SDL-AP010

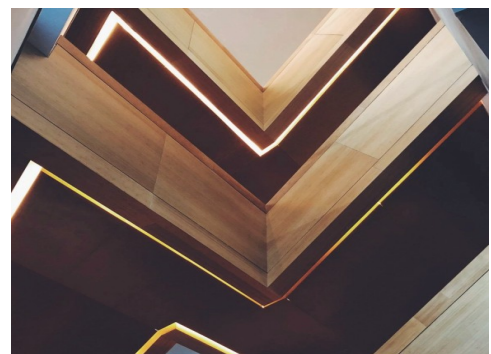


NON STOCK ITEM  
2 Week Lead Time  
on Orders  
MOQ 20m

## SDL-AP011

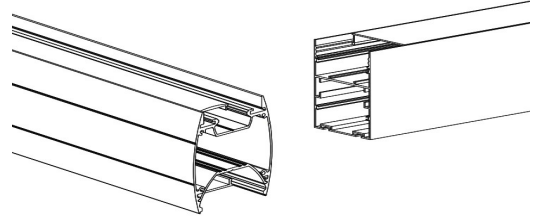


NON STOCK ITEM  
2 Week Lead Time  
on Orders  
MOQ 20m

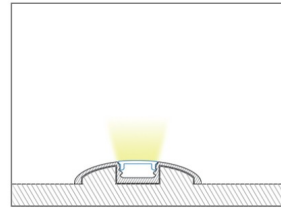
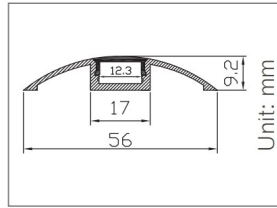




# Professional LED Aluminium Profile



## SDL-AP021



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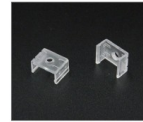
Aluminum Profile



Alu Profile (Back)



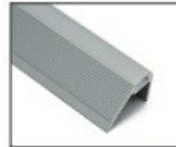
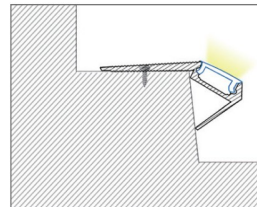
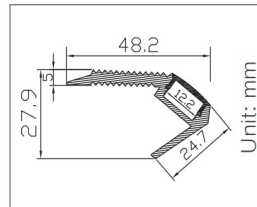
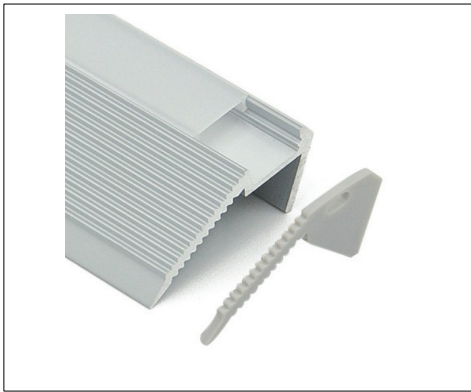
End Cap



Mounting Clip (PC)

NON STOCK ITEM  
2 Week Lead Time  
on Orders  
MOQ 20m

## SDL-AP022



Aluminum Profile



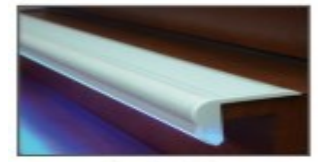
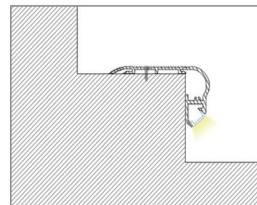
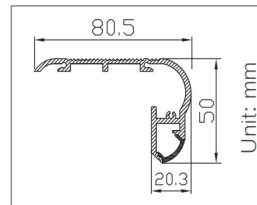
Alu Profile (Back)



End Cap

NON STOCK ITEM  
2 Week Lead Time  
on Orders  
MOQ 20m

## SDL-AP047



Aluminum Profile



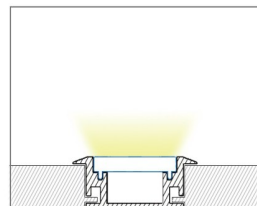
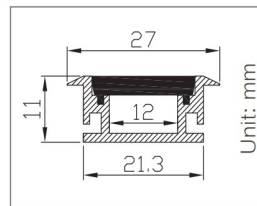
Alu Profile (Back)



End Cap

NON STOCK ITEM  
2 Week Lead Time  
on Orders  
MOQ 20m

## SDL-AP048



Walk over  
Profile & Cover

Special Order Only  
2 Week Lead time  
MOQ 20m



Aluminum Profile



Alu Profile (Back)

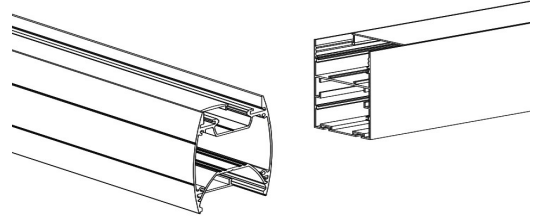


End Cap

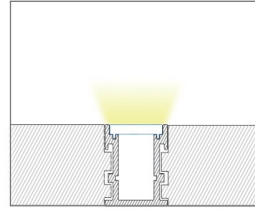
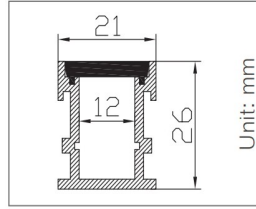


Cover

# Professional LED Aluminium Profile



## SDL-AP049



Aluminum Profile



End Cap



Cover

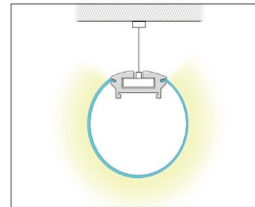
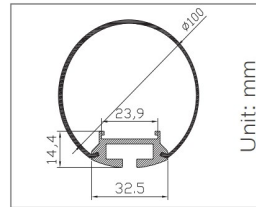
**BACK TO INDEX**

Walk over  
Profile & Cover

Special Order Only  
2 Week Lead time  
MOQ 20m

For dot free you must use  
3528/120 led strip  
2216/240 led strip

## SDL-AP069C



Aluminum Profile



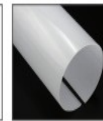
End Cap



Connector



Suspended Rope



Cover

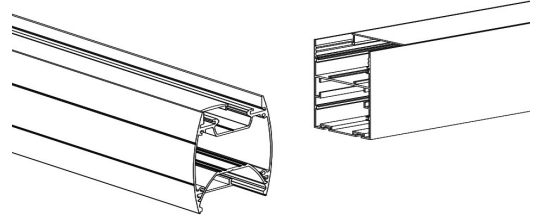
Suspended Mounted



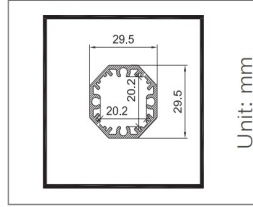
NON STOCK ITEM  
2 Week Lead Time  
on Orders  
MOQ 20m



# Professional LED Aluminium Profile



AP-A012



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NON STOCK ITEMS  
2 Week Lead Time  
on Orders  
MOQ 20m



Aluminum Profile



End Cap



Connector



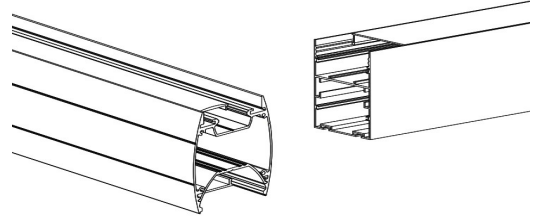
Suspended Rope



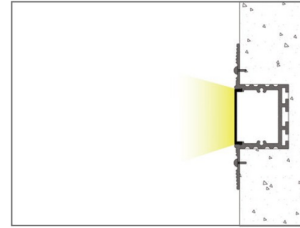
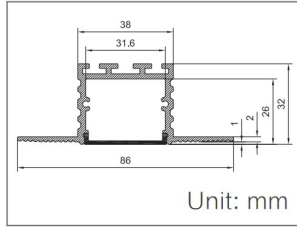
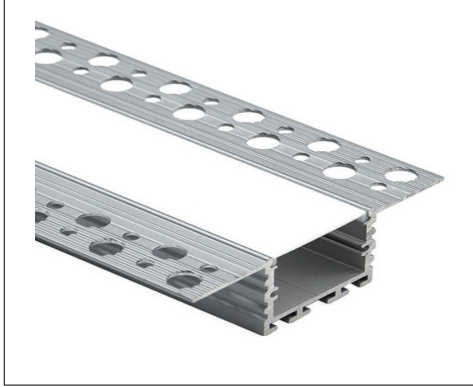
Cover



# Professional LED Drywall Profile



**DW038**



**BACK TO INDEX**



Aluminum Profile



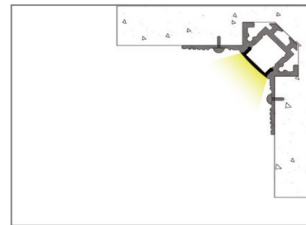
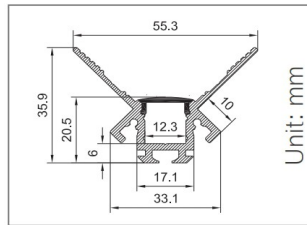
End Cap



Screws

Non stock item  
2 Week Lead Time  
on Orders  
MOQ 20m

**DW039**



Aluminum Profile



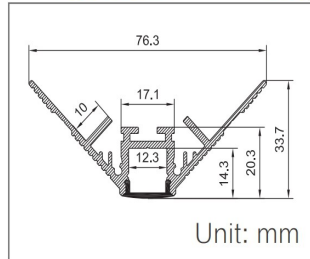
End Cap



Screws

Non stock item  
2 Week Lead Time  
on Orders  
MOQ 20m

**DW040**



Aluminum Profile



End Cap



Screws

Non stock item  
2 Week Lead Time  
on Orders  
MOQ 20m





# Flexible LED Strip

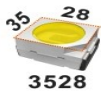
## 3528/60/ Single Colour

### INTERIOR

Standard Brightness

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3528/60/ Standard brightness is a versatile flexible 12Vdc LED strip. The surface mount LED's are on a 8mm wide flexible white PCB with 3M adhesive tape on the rear to allow quick and easy installation. This product compatible with our range of LED controllers & power supplies.



**EPISTAR®**  
Brand LED 3528 SMD



Part No.		Kelvin (K)	Lumen P/M
3528/60/WW	Warm White	3000K	390-420
3528/60/NW	Natural White	4000K	415-445
3528/60/PW	Pure White	6000K	440-470
3528/60/R	RED		
3528/60/G	GREEN		
3528/60/B	BLUE		

12Vdc, 4.8 Watts per metre – 60LED's Per Meter  
Cutting Interval every 50mm - 8mm (W) x 2.5mm (H)

### IP67 WATERPROOF

Standard Brightness



3528/60/IP/ Standard brightness weatherproof is a versatile flexible 12Vdc LED strip. The surface mount LED's are on a 8mm wide flexible white PCB within a 10mm wide clear silicone sleeve. Backed with 3M adhesive tape on the rear to allow quick and easy installation. This product compatible with our range of LED controllers & power supplies.

Part No.		Kelvin (K)	Lumen P/M
3528/60/IP/WW	Warm White	3000K	390-420
3528/60/IP/PW	Pure White	6000K	440-470
3528/60/IP/R	RED		
3528/60/IP/G	GREEN		
3528/60/IP/B	BLUE		

12Vdc, 4.8 Watts per metre – 60LED's Per Meter  
Cutting Interval every 50mm - 10mm (W) x 4.5mm (H)

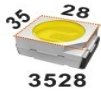


### INTERIOR

#### Median Brightness

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3528/120/ Median brightness is a versatile flexible 12Vdc LED strip. The surface mount LED's are on a 8mm wide flexible white PCB with 3M adhesive tape on the rear to allow quick and easy installation. This product compatible with our range of LED controllers & power supplies.



**EPISTAR®**  
Brand LED 3528 SMD



Part No.		Kelvin (K)	Lumen P/M
3528/120/WW	Warm White	3000K	700-750
3528/120/NW	Natural White	4000K	750-800
3528/120/PW	Pure White	6000K	800-850
3528/120/R	RED		
3528/120/G	GREEN		
3528/120/B	BLUE		

12Vdc, 9.6 Watts per metre – 120LED's Per Meter  
Cutting Interval every 25mm - 8mm (W) x 2.5mm (H)

### IP67 WATERPROOF

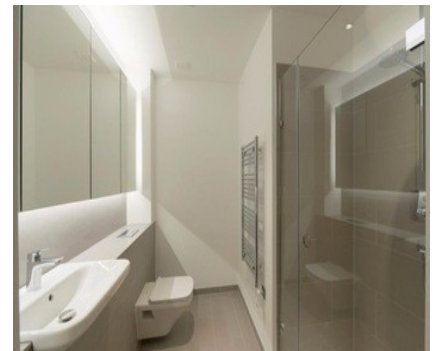
#### Median Brightness



3528/120/IP Median brightness weatherproof is a versatile flexible 12Vdc LED strip. The surface mount LED's are on a 8mm wide flexible white PCB within a 10mm wide clear silicone sleeve. Backed with 3M adhesive tape on the rear to allow quick and easy installation. This product compatible with our range of LED controllers & power supplies.

Part No.		Kelvin (K)	Lumen P/M
3528/120/IP/WW	Warm White	3000K	700-750
3528/120/IP/PW	Pure White	6000K	800-850
3528/120/IP/R	RED		
3528/120/IP/G	GREEN		
3528/120/IP/B	BLUE		

12Vdc, 9.6 Watts per metre – 120LED's Per Meter  
Cutting Interval every 25mm - 10mm (W) x 4.5mm (H)



### INTERIOR

#### High Brightness

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5050/60/ High brightness is a versatile flexible 12Vdc LED strip. The surface mount LED's are on a 10mm wide flexible white PCB with 3M adhesive tape on the rear to allow quick and easy installation. This product compatible with our range of LED controllers & power supplies.



**EPISTAR®**  
Brand LED 5050 SMD



Part No.		Kelvin (K)	Lumen P/M
5050/60/WW	Warm White	3000K	570-600
5050/60/NW	Natural White	4000K	600-630
5050/60/PW	Pure White	6000K	630-660
5050/60/R	RED		
5050/60/G	GREEN		
5050/60/B	BLUE		

12Vdc, 14.4 Watts per metre - 60 LEDs per metre  
Cutting interval every 50mm - 10mm (W) x 2.5mm (H)

### IP67 WATERPROOF

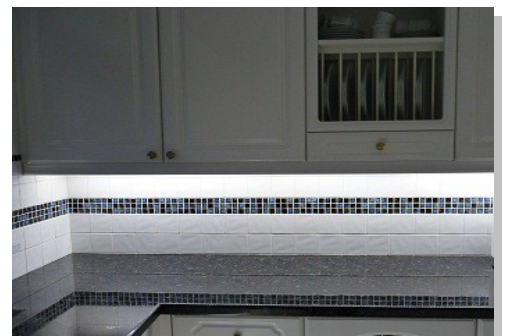
#### High Brightness



5050/60/IP High brightness weatherproof is a versatile flexible 12Vdc LED strip. The surface mount LED's are on a 10mm wide flexible white PCB within a 12mm wide clear silicone sleeve. Backed with 3M adhesive tape on the rear to allow quick and easy installation. This product compatible with our range of LED controllers & power supplies.

Part No.		Kelvin (K)	Lumen P/M
5050/60/IP/WW	Warm White	3000K	570-600
5050/60/IP/NW	Natural White	4000K	600-630
5050/60/IP/PW	Pure White	6000K	630-660
5050/60/IP/R	RED		
5050/60/IP/G	GREEN		
5050/60/IP/B	BLUE		

12Vdc, 14.4 Watts per metre - 60 LEDs per metre  
Cutting interval every 50mm - 12mm (W) x 4.5mm (H)





**288/COB/12**

**BACK TO INDEX**

Here at SDL, our brand new 12Vdc COB Led strip allows for an incredibly smooth dot free light without the need to use an LED Profile, this is a first on the market. It has a high level of flexibility and versatility which gives you an added advantage when it comes to installations. Strong 3M tape is applied on the rear for a quick and easy fit. This new product is compatible with our range of Controllers, Dimmers and Power supply units.

Model: 480/COB/12

Input Voltage: DC12V

Power/m: 15W

Angle Degree: 180

LED/m: 480

Available Colours:

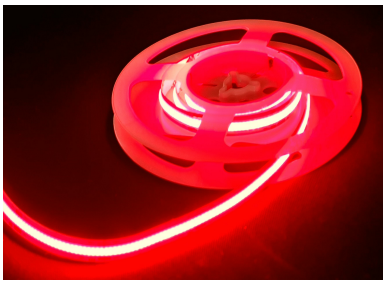
Warm White - Natural White - Pure White  
 Red - Green - Blue - Orange - Yellow  
 Pink - Marrs Green - Tiffany Blue

Lumen/m: WW: 1527 lm 3000K  
 NW: 1672 lm 4000K  
 PW: 1690 lm 6500K

CRI: >90

PCB Width: 8mm

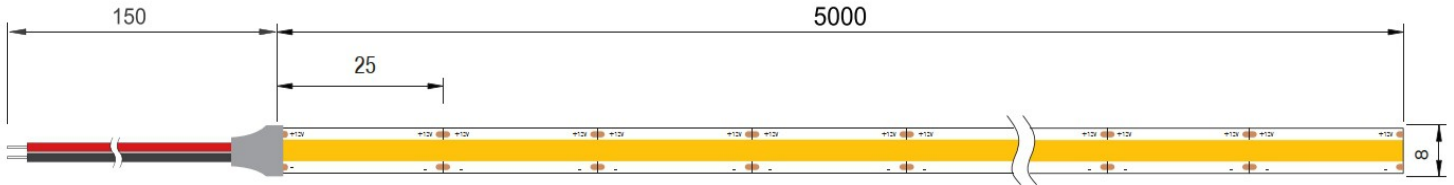
Cutting Interval: 25mm





**288/COB/12**

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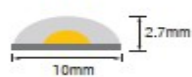


### Waterproof options

#### Gel coating



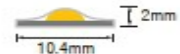
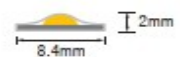
#### IP65



#### Heat shrinkable tube



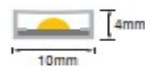
#### IP65



#### Silicone tube



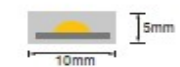
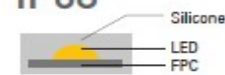
#### IP67



#### Extrusion filling



#### IP68



**Please be aware there is a 2 week lead time on above waterproof options**

### 288/COB/24

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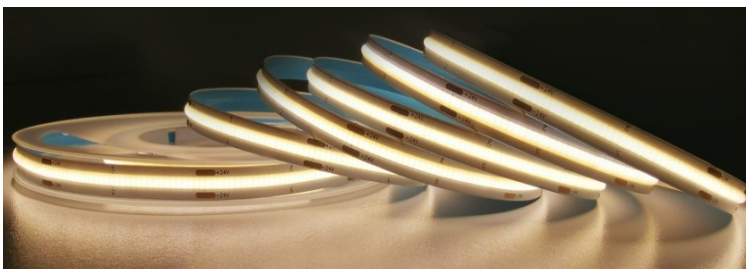
24Vdc COB Led strip allows for an incredibly smooth dot free light without the need to use an LED Profile, this is a first on the market. It has a high level of flexibility and versatility which gives you an added advantage when it comes to installations. Strong 3M tape is applied on the rear for a quick and easy fit. This new product is compatible with our range of Controllers, Dimmers and Power supply units.

**After 6 months of rigorous testing, we are happy to put our name to this product.**

Model:	288/COB		
Input Voltage:	DC24V		
Power/m:	12W		
Angle Degree:	180		
LED/m:	512		
Lumen/m:	WW:	980lm	2700K
	NW:	1066lm	4000K
	PW:	1080lm	6000K
CRI:	90		
PCB Width:	8mm		
Cutting Interval:	62.5mm		



Please see our range of 24V LED Drives for this Strip



# Flexible LED Strip

## 5050/30/RGB Colour Change

### INTERIOR

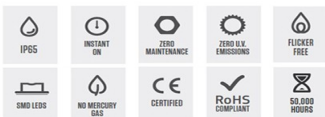
#### Standard Brightness

5050/30/RGB Standard brightness RGB is a versatile colour change flexible 12Vdc LED strip. The surface mount LED's are on a 10mm wide flexible white PCB with 3M adhesive tape on the rear to allow quick and easy installation. This product can be used with our range of RGB controllers, DMX drivers and power supply units.

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**EPISTAR®**  
Brand LED 5050 SMD



**Part No.** 5050/30/RGB

**Voltage** 12Vdc

**Power Consumption per metre** 7.2w

**LED Qty per metre** 30

**LED Size** 5050

**Dimensions (WxH)** 10mm X 2.5mm

**Cutting Interval** 100mm

### IP67 WATERPROOF

#### Standard Brightness



5050/30/IP/RGB Standard brightness weatherproof RGB is a versatile colour change flexible 12Vdc LED strip. The surface mount LED's are on a 10mm wide flexible white PCB within a 12mm wide clear silicone sleeve. Backed with 3M adhesive tape on the rear to allow quick and easy installation. This product can be used with our range of RGB controllers, DMX drivers and power supply units.

**Part No.** 5050/30/IP/RGB

**Voltage** 12Vdc

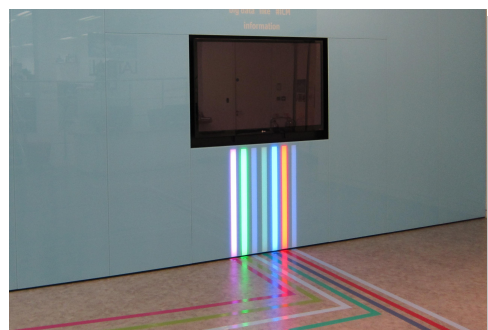
**Power Consumption per metre** 7.2w

**LED Qty per metre** 30

**LED Size** 5050

**Dimensions (WxH)** 12mm X 2.5mm

**Cutting Interval** 100mm



# Flexible LED Strip

## 5050/60/RGB Colour Change

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### INTERIOR High Brightness

5050/60/RGB High brightness RGB is a versatile colour change flexible 12Vdc LED strip. The surface mount LED's are on a 10mm wide flexible white PCB with 3M adhesive tape on the rear to allow quick and easy installation. This product can be used with our range of RGB controllers, DMX drivers and power supply units.



**EPISTAR®**  
Brand LED 5050 SMD

-  IP65
-  INSTANT ON
-  ZERO MAINTENANCE
-  ZERO UV EMISSIONS
-  FLICKER FREE
-  SMD LEDS
-  NO MERCURY GAS
-  CE CERTIFIED
-  ROHS COMPLIANT
-  50,000 HOURS

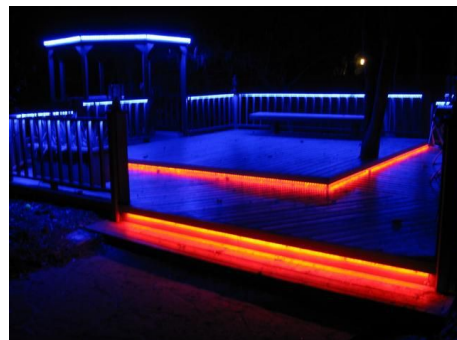
<b>Part No.</b>	5050/60/RGB
<b>Voltage</b>	12Vdc
<b>Power Consumption <i>per metre</i></b>	14.4w
<b>LED Qty <i>per metre</i></b>	60
<b>LED Size</b>	5050
<b>Dimensions (WxH)</b>	10mm X 2.5mm
<b>Cutting Interval</b>	50mm

### IP67 WATERPROOF High Brightness



5050/60/IP/RGB High brightness weatherproof RGB is a versatile colour change flexible 12Vdc LED strip. The surface mount LED's are on a 10mm wide flexible white PCB within a 12mm wide clear silicone sleeve. Backed with 3M adhesive tape on the rear to allow quick and easy installation. This product can be used with our range of RGB controllers, DMX drivers and power supply units.

<b>Part No.</b>	5050/60/IP/RGB
<b>Voltage</b>	12Vdc
<b>Power Consumption <i>per metre</i></b>	14.4w
<b>LED Qty <i>per metre</i></b>	60
<b>LED Size</b>	5050
<b>Dimensions (WxH)</b>	12mm X 2.5mm
<b>Cutting Interval</b>	50mm





### SDL iTOUCH Dimmer

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Part No: SDL/I/DIM/2

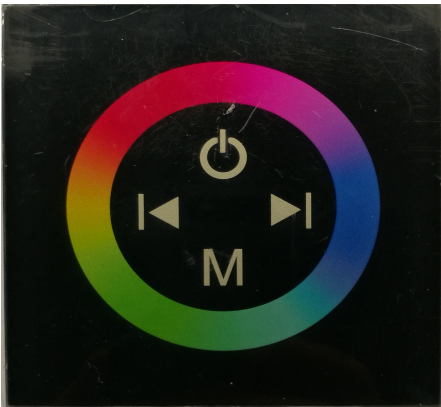


The SDL iTOUCH Dimmer is a glass panel design, touch control, wall mounted LED dimmer. The SDL iTOUCH Dimmer allow stepless brightness control with on/off function. LED dimmer drivers can be installed to meet the light needs of commercial or home lighting to reduce energy costs and to expand LED life.

**Input**  
12/24Vdc  
**Output**  
1 Channel  
8 Amp per channel  
96 Watts per channel @ 12Vdc  
192 Watts per channel @ 24Vdc  
**Dimensions (LxWxD)**  
87mm x 87mm x 37mm

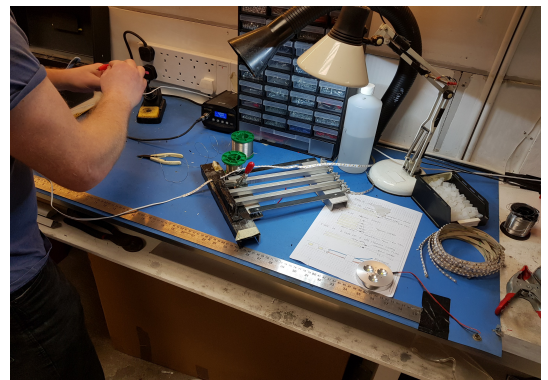
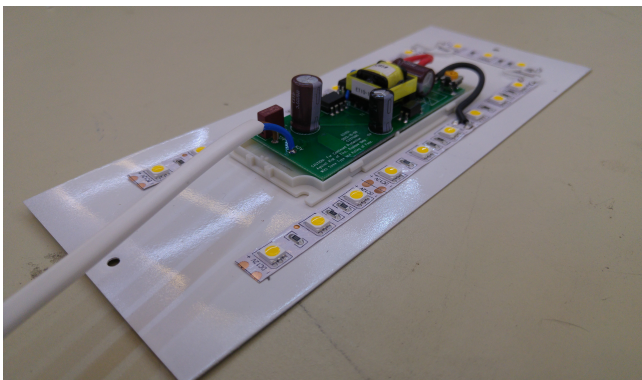
### SDL iTOUCH RGB Controller

Part No: SDL/I/RGB



The SDL iTOUCH RGB is a glass panel design, touch control, wall mounted RGB controller. The options of adjustable brightness/speed control & 11 modes to select, the SDL iTOUCH RGB can be used to drive our range of RGB strip in conjunction with a suitable 12Vdc power supply .

**Input**  
12/24Vdc  
**Output**  
3 Channel  
4 Amp per channel  
144 Watts per channel @ 12Vdc  
288 Watts per channel @ 24Vdc  
**Dimensions (LxWxD)**  
87mm x 87mm x 37mm



### SDL/12W/1S12V/1

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The SDL/12W/1S12V/1 is a 12W Triac Constant Voltage Dimmable driver. It Supports both leading edge (triac) and trailing edge (elv) dimmers. This unit has a 12Vdc Constant Voltage Output with a maximum current of 0.12A. With a dimming range of 40V-240Vac the 12W/1S12V/1 has a smooth dimming curve.

<b>Part No.</b>	SDL/12W1S12V/1
<b>Dimming Voltage Range</b>	40-240V AC
<b>Input Current</b>	0.13Amp
<b>Output Voltage</b>	12Vdc
<b>Output Current</b>	0.83Amp
<b>Output Power</b>	12W
<b>Size (LxWxH)</b>	73mm x 36mm x 29mm

### SDL/40W/1W12V/0



The SDL/40W/1W12V/0 is a 40W Triac Constant Voltage Dimmable driver. It Supports both leading edge (triac) and trailing edge (elv) dimmers. This unit has a 12Vdc Constant Voltage Output with a maximum current of 3.3A. With a dimming range of 40V-240Vac the 40W/1W12V/0 has a smooth dimming curve.

<b>Part No.</b>	SDL/40W/1W12V/0
<b>Dimming Voltage Range</b>	40-240V AC
<b>Input Current</b>	0.5Amp
<b>Output Voltage</b>	12Vdc
<b>Output Current</b>	3.3Amp
<b>Output Power</b>	40W
<b>Size (LxWxH)</b>	137mm x 82mm x 31mm

### SDL/75W/1H12V/0



EUP75T-1H12V-0 is a constant voltage mode output LED driver. The driver supports leading edge (Triac) and trailing edge (ELV) dimmer, and can be compatible with the systems of various brands (Philips, Panasonic, Lutron, Simon, ABB, Siemens etc.) to achieve a smooth dimming effect.

<b>Part No.</b>	SDL/75W/1H12V/0
<b>Dimming Voltage Range</b>	40-240V AC
<b>Input Current</b>	0.5Amp
<b>Output Voltage</b>	12Vdc
<b>Output Current</b>	6.2Amp
<b>Output Power</b>	74.4W
<b>Size (LxWxH)</b>	213mm x 54mm x 33mm

# Triac Dimmers

## Constant Voltage

**SDL/200W/1H12V/0**

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The SDL/200W/1H12V/0 is a 200W Triac Constant Voltage Dimmable driver. It supports both leading edge (triac) and trailing edge (elv) dimmers. This unit has a 12Vdc Constant Voltage Output with a maximum current of 16.7A. With a dimming range of 220V-240Vac the 200W/1H12V/0 has a smooth dimming curve.

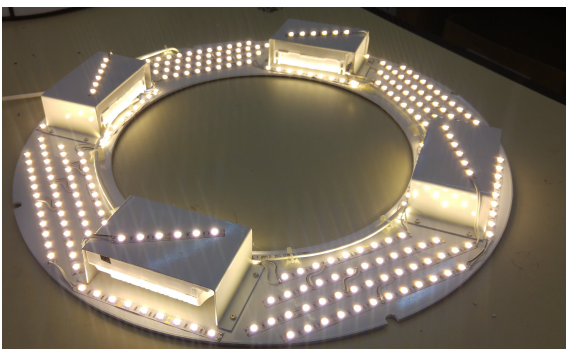
<b>Part No.</b>	SDL/200W/1H12V/0
<b>Dimming Voltage Range</b>	220 -240V AC
<b>Input Current</b>	1Amp
<b>Output Voltage</b>	12Vdc
<b>Output Current</b>	16.7Amp
<b>Output Power</b>	200W
<b>Size (LxWxH)</b>	310mm x 60mm x 45mm

**SDL/105H/12 TRIAC-1**



The InStyle TRIAC dimming module is a single channel receiver that will control both 12v and 24v. Your TRIAC dimmer is wired in between the transformer and the LED tape, and a signal cable is then taken from the receiver to the TRIAC head unit. Our TRIAC dimmer draws an input voltage of 100-240v AC. Output voltage 12v or 24v. This item is RoHS compliant and conforms to all UK safety standards

<b>Part No.</b>	SDL/105/12 TRIAC-1
<b>Supply Voltage</b>	12/24Vdc
<b>Dimming Voltage</b>	40-220V AC
<b>Output Current</b>	15 Amp
<b>Output Power</b>	180W/12Vdc, 360W/24Vdc
<b>Size (LxWxH)</b>	167mm x 52mm x 24mm





## SDL/S1L10

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The SDL-S1L10 driver is a flexible driver that can support active or passive 0-10V or 1-10V inputs. The driver can be used to power 12 or 24Vdc LEDs. Short circuit and over current protection are included. LED dimmer drivers can be installed to meet the light needs of commercial or home lighting to reduce energy costs and to extend LED life span.

<b>Part No.</b>	SDL/S1L10
<b>Supply Voltage</b>	12/24Vdc
<b>Output</b>	1 Channel
<b>Output Current (per channel)</b>	10 Amp
<b>Size (LxWxH)</b>	167mm x 51mm x 24mm
<b>Dimming Signal Type</b>	0-10V Active / 1-10V Active
	1-10V Passive
<b>Drive Capability</b>	3528/60 24 Max*
<i>With suitable power supply</i>	5050/60 8m Max*

\* Additional lengths can be driven using the SDL-RP306

## SDL DALI Dimmer 60w – 100w – 180w (IP67 Fully Sealed)

<b>Part No.</b>	SDL/DALI/60
<b>Supply Voltage</b>	12Vdc
<b>Output</b>	1 Channel
<b>Output Current (per channel)</b>	5 Amp
<b>Output Wattage</b>	60W/12Vdc
<b>Size (LxWxH)</b>	210mm x 70mm x 46mm

<b>Part No.</b>	SDL/DALI/100
<b>Supply Voltage</b>	12Vdc
<b>Output</b>	1 Channel
<b>Output Current (per channel)</b>	8.3 Amp
<b>Output Wattage</b>	100W/12Vdc
<b>Size (LxWxH)</b>	230mm x 70mm x 46mm

<b>Part No.</b>	SDL/DALI/180
<b>Supply Voltage</b>	12Vdc
<b>Output</b>	1 Channel
<b>Output Current (per channel)</b>	15 Amp
<b>Output Wattage</b>	180W/12Vdc
<b>Size (LxWxH)</b>	255mm x 80mm x 53mm





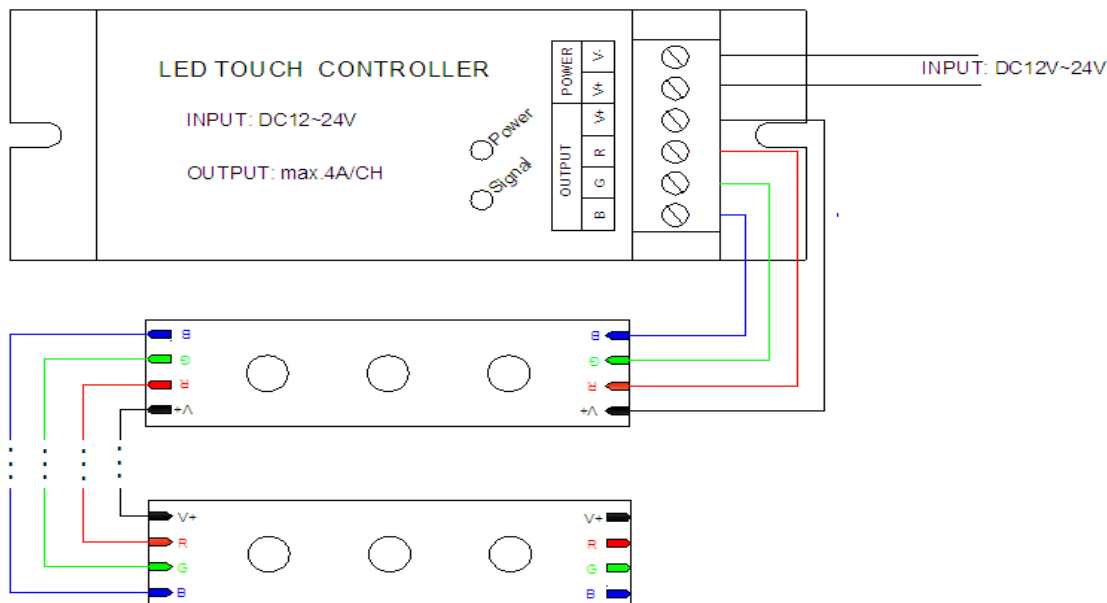
The SDL/RF8B is part of our RGB RF Controller range, this unit comes complete with a remote control that has a high precision touch control chip. With a colour ring and button functions it is also very touch sensitive proving its effectiveness. The remote control can be used to switch modes on the RGB strip from fade, flash and brightness selections to choosing any single colour. Another advantage to this controller is that it can be remotely controlled from long distances allowing more flexibility for installation. Like all our RGB Controllers, the RF8B1 can be used to drive all our ranges of RGB strip when used in conjunction with our range of compatible power supplies.

## SPECIFICATION

supply voltage:	DC12V-24V
output:	3 channels
connection mode:	Common Anode
external dimension:	L110 X W41 X H27mm
static power consumption:	<1W
output current:	<4A (each channel)
output power:	12V:<144W, 24V:<288W



## WIRING DIAGRAM



Max 19m 5050/30/RGB  
Max 9m 5050/60/RGB

### RGB CONTROLLER

With RF Remote

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The SDL/RF800 controller has features such as large current, low power consumption; remote control adopts high precision touch control chip, has colour ring and buttons function, increases the touch sensitivity. You can use remote control to switch the modes of RGB strips, and also you can change the brightness and speed. It has advantages such as far control distance, high touch sensitivity, strong driving ability, stable performance. This Controller can run 40m of standard (5050/30) RGB strip or 20m of High Brightness (5050/60) RGB strip with no need for repeaters.



#### Controller

Supply voltage: DC12-24V

Working current:  $\leq 8A/CH$

Connection method: Common anode

External dimension: L83\*W79\*H33 mm

Packing size: L185 X W135 X H50 mm

Static power consumption:  $< 1W$

Output power: DC12V:  $< 288W$ , DC24V:  $< 576W$

Output frequency: 900Hz

Net weight: 189g

Gross weight: 347g

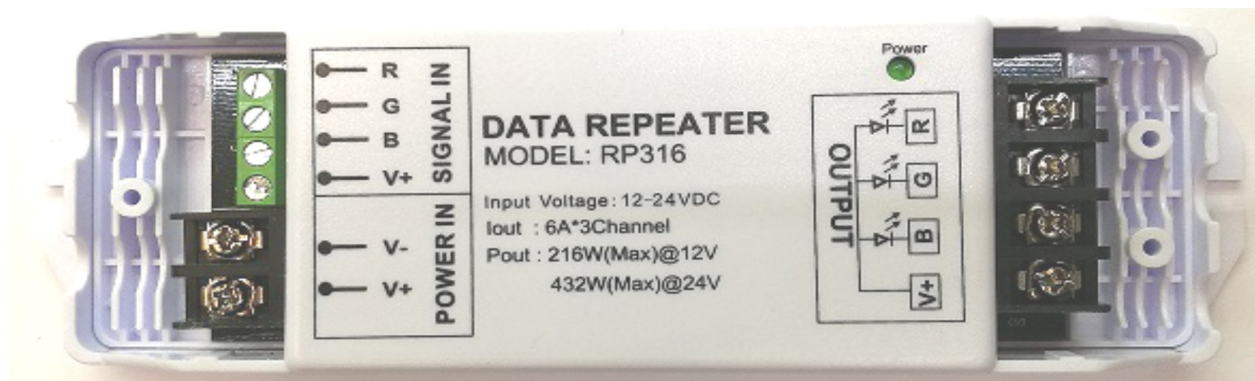
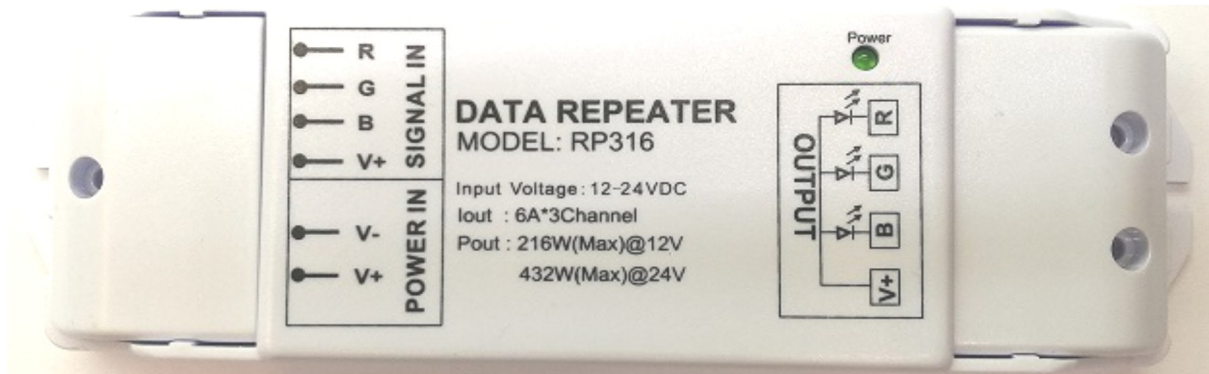


### SDL-RP316

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The SDL RP306 data repeater is a purpose designed LED driver to boost RGB controller, LED dimmer and DMX capabilities. The SDL RP316 is a constant voltage LED driver and is capable of driving either 12 or 24Vdc LEDs in conjunction with a suitable SDL power supply.

<b>Part No.</b>	SDL/RP316
<b>Supply Voltage</b>	12/24Vdc
<b>Output</b>	3 Channel
<b>Output Current (per channel)</b>	6 Amp
<b>Output Wattage</b>	216W/12Vdc, 432W/24Vdc
<b>Size (LxWxH)</b>	165mm x 42mm x 21mm
<b>Drive Capability</b>	5050/30/RGB 30m Max 5050/60/RGB 15m Max <i>With suitable power supply</i>





### SDL PX24500

#### DMX 512

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The SDL PX24500 is design to be connected to either lighting control systems or DMX lighting desks via the DMX 512 output. The SDL PX24500 is a constant voltage DMX 512 LED driver and is capable of driving either 12 or 24Vdc LED products in conjunction with a DMX signal and a suitable power supply. The SDL PX24500 is fully addressable using the DIP switched located on the side.

#### Input

12/24Vdc

#### Output

3 Channel

5 Amps per channel

60 Watts per channel @ 12Vdc

120 Watts per channel @ 24Vdc

**Dimensions (LxWxH)** 68mm x 41mm x 33mm





## INDOOR

12Vdc

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### SPECIFICATION

<b>Part No.</b>	SDL36
<b>DC Output Voltage</b>	12V
<b>Rated Output Current</b>	3A
<b>Output Current Range</b>	0-3A
<b>DC Output Power</b>	36W
<b>AC Input Voltage Range</b>	100-240 V AC



36W

Dimensions: L: 120mm x W: 52mm x H: 30mm

### SPECIFICATION

<b>Part No.</b>	SDL72
<b>DC Output Voltage</b>	12V
<b>Rated Output Current</b>	6A
<b>Output Current Range</b>	0-6A
<b>DC Output Power</b>	72W
<b>AC Input Voltage Range</b>	100-240 V AC



72W

Dimensions: L: 120mm x W: 52mm x H: 30mm

### SPECIFICATION

<b>Part No.</b>	SDL120
<b>DC Output Voltage</b>	12V
<b>Rated Output Current</b>	10A
<b>Output Current Range</b>	0-10A
<b>DC Output Power</b>	120W
<b>AC Input Voltage Range</b>	100-240 V AC



120W

Dimensions: L: 170mm x W: 71mm x H: 36mm



All 36w, 72w & 120w driver's come with an IEC kettle lead and a DC connector

**INDOOR**  
12Vdc

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**SPECIFICATION**

Part No.	SDL150
DC Output Voltage	12V
Rated Output Current	12.5A
Output Current Range	0-12.5A
DC Output Power	150W
AC Input Voltage Range	180-240 V AC



150W

Dimensions: L: 199mm x W: 99mm x H: 42mm

**SPECIFICATION**

Part No.	SDL200
DC Output Voltage	12V
Rated Output Current	16.5A
Output Current Range	0-16.5A
DC Output Power	200W
AC Input Voltage Range	180-240 V AC



200W

Dimensions: L: 199mm x W: 98mm x H: 41mm

**SPECIFICATION**

Part No.	SDL350
DC Output Voltage	12V
Rated Output Current	30A
Output Current Range	0-30A
DC Output Power	360W
AC Input Voltage Range	180-240 V AC



350W

Dimensions: L: 215mm x W: 114mm x H: 50mm

Please be aware that the dimensions and appearance may change to the ones shown

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### SPECIFICATION

Part No.	SDL-24-100
DC Output Voltage	24V DC
Rated Output Current	4.2A
Output Current Range	0-4.2A
DC Output Power	100W
AC Input Voltage Range	96 - 264V AC



100W

Dimensions: L: 190mm x W: 52mm x H: 37mm

### SPECIFICATION

Part No.	SDL-24-150
DC Output Voltage	24V DC
Rated Output Current	6.3A
Output Current Range	0-6.3A
DC Output Power	150W
AC Input Voltage Range	180—305V AC



150W

Dimensions: L: 191mm x W: 63mm x H: 37.5mm

### SPECIFICATION

Part No.	SDL-24-360
DC Output Voltage	24V DC
Rated Output Current	15A
Output Current Range	0-15A
DC Output Power	360W
AC Input Voltage Range	110-230 V AC



360W

Dimensions: L: 215mm x W: 114mm x H: 50mm

Please be aware that the dimensions and appearance may change to the ones shown



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**SPECIFICATION**

Part No.	SDL154CC
DC Output Voltage	48V DC
Rated Output Current	3.2A
Output Current Range	0-3.2A
DC Output Power	150W
AC Input Voltage Range	180-305V AC



Dimensions: 191 x 63 x 37.5mm (L\*W\*H)



150W

**SPECIFICATION**

Part No.	SDL350CC
DC Output Voltage	48V DC
Rated Output Current	7.3A
Output Current Range	0-7.3A
DC Output Power	350W
AC Input Voltage Range	110—220V AC



Dimensions: 215 x 115 x 50mm (L\*W\*H)

350W

**Please be aware that the dimensions and appearance may change to the ones shown**



Our high specification lighting has been supplied to the following company's

OFFICE

KWANPEN



— CHELSOM —



University of Chester









# **WARRANTY**

**SDL Lighting offers a 12 month return to factory warranty to cover product(s) that have become defective due to component failure or faulty workmanship.**

**7 Years on LED Strip and Aluminium Profile.**

**The returned product(s) will be repaired or replaced, unless the product(s) have been overloaded, incorrectly installed, or used in a manner for which it was not designed.**

**Terms & Conditions available on request**