



ULTRA LEDs



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12V SYNDEO PLUG AND PLAY LED TAPE KIT

60 LEDS P/M, IP20 (5 METRES)

Data Sheet

Our Syndeo Plug and Play LED tape kits come fully equipped with a Syndeo Multiport plug and play driver and a 5 metre reel of LED tape assembled with 60 LEDs per metre, perfect for installing into profile under a Frosted, Semi Clear or transparent diffuser.

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12V SYNDEO PLUG AND PLAY LED TAPE KIT, COOL WHITE 6000K, 60 LEDS P/M, IP20 (5 METRES)

| SKU: SKIT-2835CW605



IP20

6000
K

12V

CE
EMC

CE
LVD

RoHs

3YR
Guarantee

TECHNICAL INFORMATION

Tape Specifications

SKU Code	SKIT-2835CW605
Voltage	12V
Watts p/M	4.8W p/M
No. of LEDs p/M	60 LEDs
Current	0.4A p/M 2A p/5M
Colour Temp	6000K
IP Rating	IP20
Lumens p/M	600LM
Lumens p/W	100LM
LED Chip Type	2835
LED Chip Size	2.8mm x 3.5mm
Beam Angle	120°
CRI	>80
PCB Width	8mm
PCB Thickness	1.2mm
Cut Points	Every 5cm
Operating Temp	-20°C to 60°C
Average Lifespan	Upto 25000 Hours
Certification	CE-EMC CE-LVD RoHs
Guarantee	3 Years

Driver Specifications

Input Voltage	AC100-265V
Input Current	AC220V/0.2A
Inrush Current	<20A
Surge Protection	1000V
Short Circuit Protection	Yes
Over Voltage Protection	Yes
Power Factor	PF ≥ 0.5
Output Current	2.75A
Wattage	30 Watts
Voltage	12 Volts
Working Temp	-15°C to 45°C
Efficiency	>80%
IP Rating	IP20
Dimensions	158 x 56 x 16.5mm
Certification	CCC/TUV-CE/CB
Safety Standards	EN5022/ EN55015:2013/ A1:2015
Weight	219g



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FEATURES & BENEFITS

- Solderless circuit connection
- No need for an Electrician
- Plug + Play strip lighting solution
- Compatible with Syndeo sensors and dimmers for solderless controllable strip lighting
- Driver contains a fuse to assist with BS7671 Regulation

12V SYNDEO PLUG AND PLAY LED TAPE KIT, NEUTRAL WHITE 4000K, 60 LEDS P/M, IP20 (5 METRES)



IP20

4000
K

12V

CE
EMC

CE
LVD

RoHs

3YR
Guarantee

TECHNICAL INFORMATION

Tape Specifications

SKU Code	SKIT-2835NW605
Voltage	12V
Watts p/M	4.8W p/M
No. of LEDs p/M	60 LEDs
Current	0.4A p/M 2A p/5M
Colour Temp	4000K
IP Rating	IP20
Lumens p/M	560LM
Lumens p/W	100LM
LED Chip Type	2835
LED Chip Size	2.8mm x 3.5mm
Beam Angle	120°
CRI	>80
PCB Width	8mm
PCB Thickness	1.2mm
Cut Points	Every 5cm
Operating Temp	-20°C to 60°C
Average Lifespan	Upto 25000 Hours
Certification	CE-EMC CE-LVD RoHs
Guarantee	3 Years

Driver Specifications

Input Voltage	AC100-265V
Input Current	AC220V/0.2A
Inrush Current	<20A
Surge Protection	1000V
Short Circuit Protection	Yes
Over Voltage Protection	Yes
Power Factor	PF ≥ 0.5
Output Current	2.75A
Wattage	30 Watts
Voltage	12 Volts
Working Temp	-15°C to 45°C
Efficiency	>80%
IP Rating	IP20
Dimensions	158 x 56 x 16.5mm
Certification	CCC/TUV-CE/CB
Safety Standards	EN5022/ EN55015:2013/ A1:2015
Weight	219g



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FEATURES & BENEFITS

- Solderless circuit connection
- No need for an Electrician
- Plug + Play strip lighting solution
- Compatible with Syndeo sensors and dimmers for solderless controllable strip lighting
- Driver contains a fuse to assist with BS7671 Regulation

12V SYNDEO PLUG AND PLAY LED TAPE KIT, WARM WHITE 3000K, 60 LEDS P/M, IP20 (5 METRES)

| SKU: SKIT-2835WW605



TECHNICAL INFORMATION

Tape Specifications

SKU Code	SKIT-2835WW605
Voltage	12V
Watts p/M	4.8W p/M
No. of LEDs p/M	60 LEDs
Current	0.4A p/M 2A p/5M
Colour Temp	3000K
IP Rating	IP20
Lumens p/M	520LM
Lumens p/W	100LM
LED Chip Type	2835
LED Chip Size	2.8mm x 3.5mm
Beam Angle	120°
CRI	>80
PCB Width	8mm
PCB Thickness	1.2mm
Cut Points	Every 5cm
Operating Temp	-20°C to 60°C
Average Lifespan	Upto 25000 Hours
Certification	CE-EMC CE-LVD RoHs
Guarantee	3 Years

Driver Specifications

Input Voltage	AC100-265V
Input Current	AC220V/0.2A
Inrush Current	<20A
Surge Protection	1000V
Short Circuit Protection	Yes
Over Voltage Protection	Yes
Power Factor	PF ≥ 0.5
Output Current	2.75A
Wattage	30 Watts
Voltage	12 Volts
Working Temp	-15°C to 45°C
Efficiency	>80%
IP Rating	IP20
Dimensions	158 x 56 x 16.5mm
Certification	CCC/TUV-CE/CB
Safety Standards	EN5022/ EN55015:2013/ A1:2015
Weight	219g



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FEATURES & BENEFITS

- Solderless circuit connection
- No need for an Electrician
- Plug + Play strip lighting solution
- Compatible with Syndeo sensors and dimmers for solderless controllable strip lighting
- Driver contains a fuse to assist with BS7671 Regulation

12V SYNDEO PLUG AND PLAY LED TAPE KIT, VERY WARM WHITE 2700K, 60 LEDS P/M, IP20 (5 METRES)

| SKU: SKIT-2835VW605



IP20

2700
K

12V

CE
EMC

CE
LVD

RoHs

3YR
Guarantee

TECHNICAL INFORMATION

Tape Specifications

SKU Code	SKIT-2835VW605
Voltage	12V
Watts p/M	4.8W p/M
No. of LEDs p/M	60 LEDs
Current	0.4A p/M 2A p/5M
Colour Temp	2700K
IP Rating	IP20
Lumens p/M	480LM
Lumens p/W	100LM
LED Chip Type	2835
LED Chip Size	2.8mm x 3.5mm
Beam Angle	120°
CRI	>80
PCB Width	8mm
PCB Thickness	1.2mm
Cut Points	Every 5cm
Operating Temp	-20°C to 60°C
Average Lifespan	Upto 25000 Hours
Certification	CE-EMC CE-LVD RoHs
Guarantee	3 Years

Driver Specifications

Input Voltage	AC100-265V
Input Current	AC220V/0.2A
Inrush Current	<20A
Surge Protection	1000V
Short Circuit Protection	Yes
Over Voltage Protection	Yes
Power Factor	PF ≥ 0.5
Output Current	2.75A
Wattage	30 Watts
Voltage	12 Volts
Working Temp	-15°C to 45°C
Efficiency	>80%
IP Rating	IP20
Dimensions	158 x 56 x 16.5mm
Certification	CCC/TUV-CE/CB
Safety Standards	EN5022/ EN55015:2013/ A1:2015
Weight	219g



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FEATURES & BENEFITS

- Solderless circuit connection
- No need for an Electrician
- Plug + Play strip lighting solution
- Compatible with Syndeo sensors and dimmers for solderless controllable strip lighting
- Driver contains a fuse to assist with BS7671 Regulation

DESCRIPTION

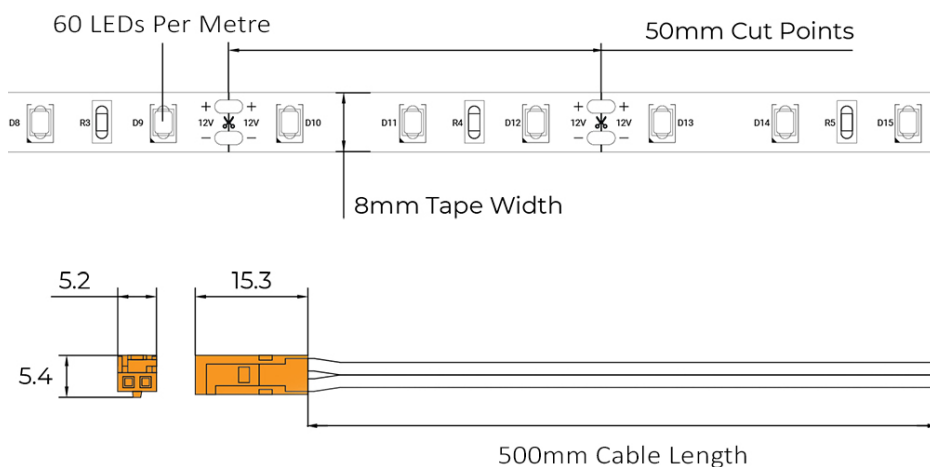
This all in one tape kit is designed to provide a professional level easy to use strip lighting solution by utilising the Syndeo Connection System. This tape comes with solderless components ready connect to get your circuit up and running with minimal hassle and installation time.

This kit includes:

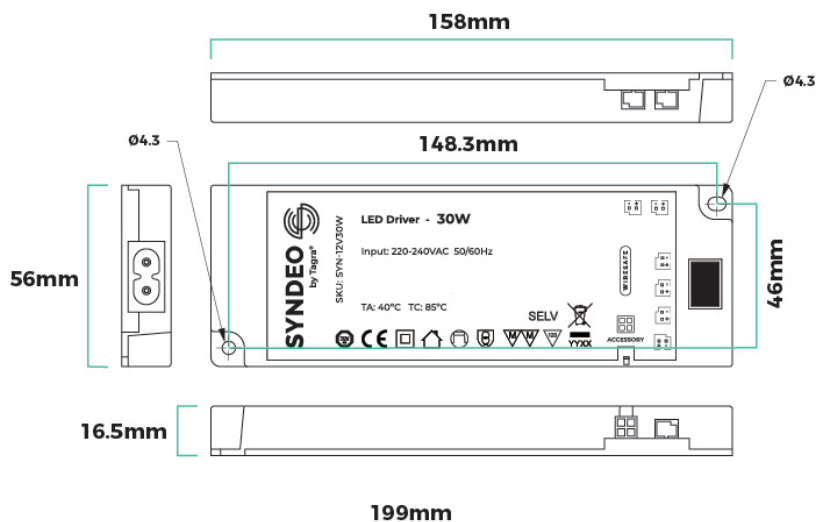
- 1 x 30W 12V Syndeo Plug and Play Driver
1 x 5 Metre Reel of Warm White LED Tape, 60 LEDs per metre.
6 x Cable to Tape Connection Adaptors
6 x 1500mm Syndeo 8mm Tinned End Cables

This tape can also be made to Dim or turn On/Off with the use of any of our Syndeo Plug and Play dimmers and controllers.

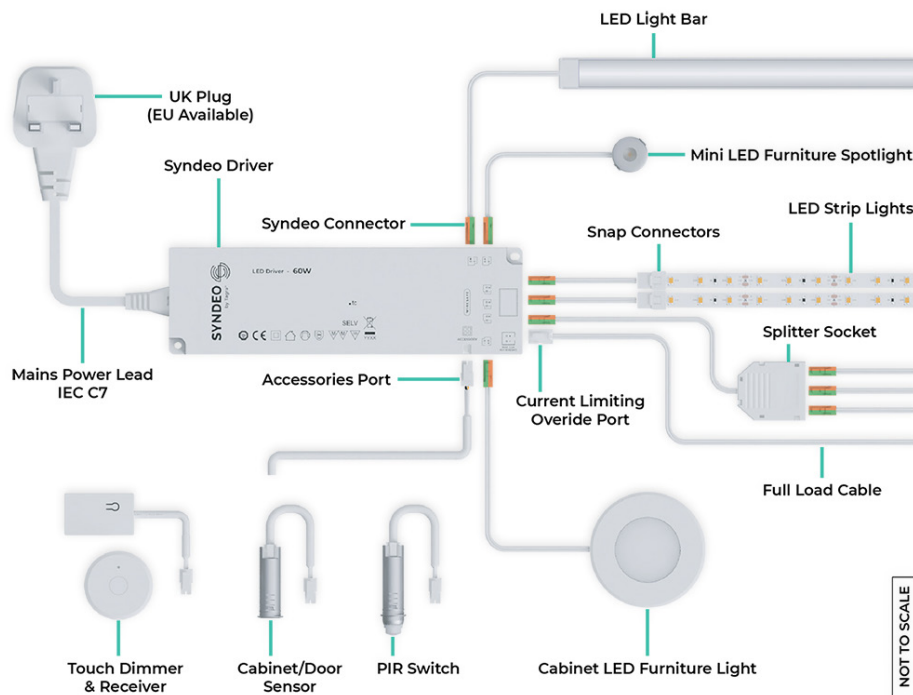
Please Note: A Maximum single run of up to 5 metres can be achieved with the supplied LED tape before visible voltage drops occur.



TAPE DIAGRAM



DRIVER DIAGRAM



CONNECTION DIAGRAM