

480lm/ft Dim to Warm LED Strip

Lumen Warm's Dynamic Colour series is a range of LED strips that offer Dim to Warm, Tunable White and RGBW variable colours options. They offer 90+ CRI, two Dim to Warm ranges of 1800K-3000K and 2700K-4000K and a wide range of colours to choose from using the Tunable White or the RGBW LED strip options.



Highlights

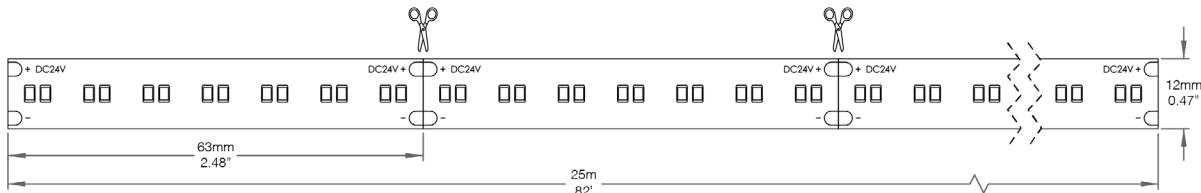
Colour Temperature	Dim to Warm 1800K - 3000K, Dim to Warm 2700K - 4000K
CRI*	90+
Lumen Output	485lm/ft 1590lm/m
Lumen/Watt	92lm/W
Driver	Remote Driver; 100-277V

*Please note this information is based off a 4000K LED Source.

Input Voltage	24VDC
Consumption	5.27W/ft 17.28W/m
Dimming Options	ELDR, DIM, DMX, DALI 2, DALI 2 + ATHENA NODE & LUTRON
Mounting	3M VHB premium quality double side tape
Applications	Dry or damp environment, low output light fixtures, millworks, cove, shelves, displays and much more.

*Please note this information is based off a 4000K LED Source.

Technical Information



Ordering Options

Ex: LWD2W480-5m-D2W5-NA-NA

Product Code	Length	Colour Temperature	Lead In	Lead Out
LWD2W480	5m 25m CU Custom (0)	D2W1 Dim to Warm (1800K - 3000K) D2W6 Dim to Warm (2700K - 4000K) CU Custom	DC7IN FT6 DC Quick Connect 7in DC3FT FT6 DC Quick Connect 3ft FT43FT FT4 Cable 3ft TC3FT Twin Cable 3ft CUCBL Custom Cable NA None (1)	DC7IN FT6 DC Quick Connect 7in DC3FT FT6 DC Quick Connect 3ft FT43FT FT4 Cable 3ft TC3FT Twin Cable 3ft CUCBL Custom Cable NA None (2)
	(0) Specify length & unit of measurement		(1) Refer to the following pages to select LED Strip Connectors, Junction Boxes & Wire Connectors.	(2) Refer to the following pages to select LED Strip Connectors, Junction Boxes & Wire Connectors.

Colour Temperature



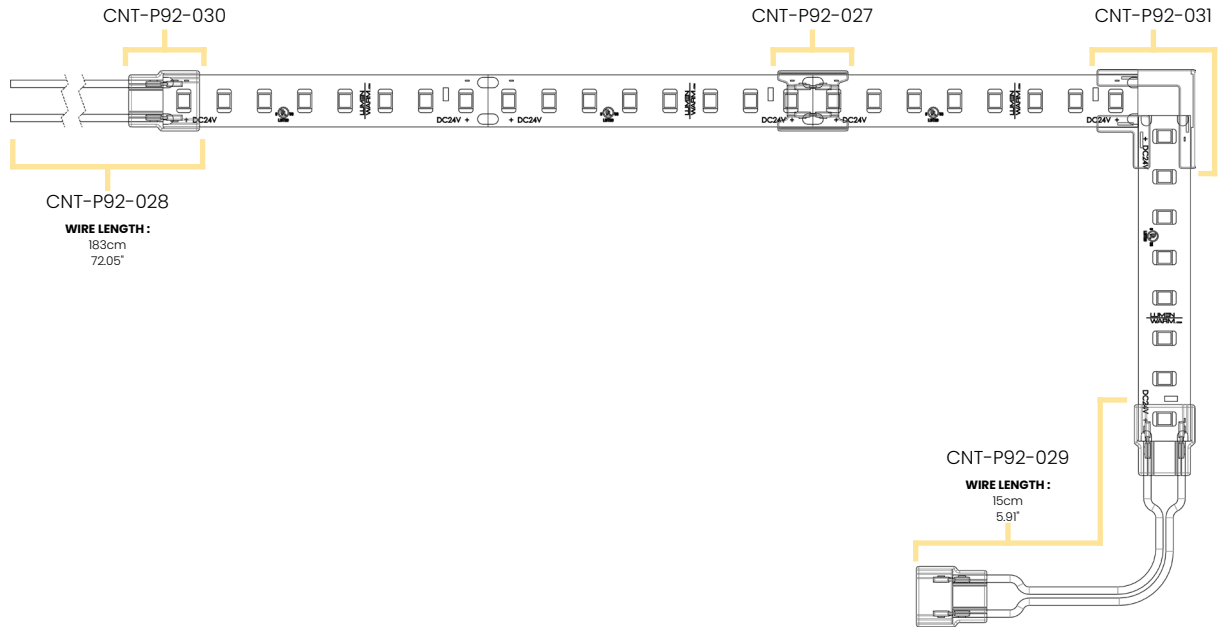
Dim to Warm (1800K - 3000K) Dim to Warm (2700K - 4000K) Custom

Light Loss Factor per Colour Temperature	Maximum Run per Driver
4000K	0% 30W 4.75ft 1.45m
3500K	8% 60W 9.50ft 2.90m
3000K	17% 75W 11.87ft 3.62m
2700K	21% 96W 15.19ft 4.63m
2400K	24%
1800K	26%

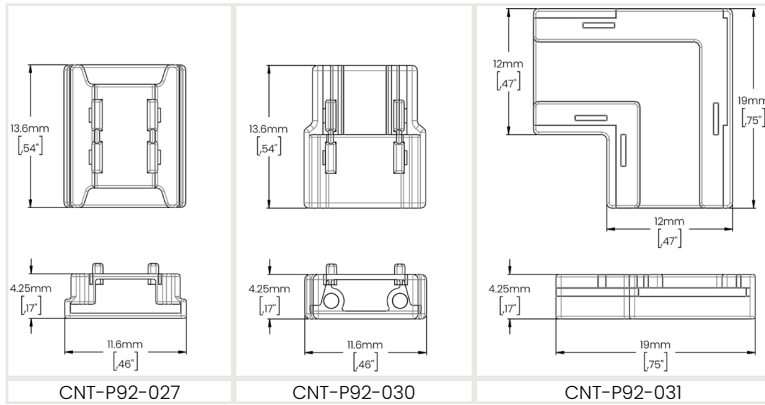
* Tape must be refeed every 30ft max to avoid voltage drop. *

Technical Information

Parts Layout - LED Strip Connectors



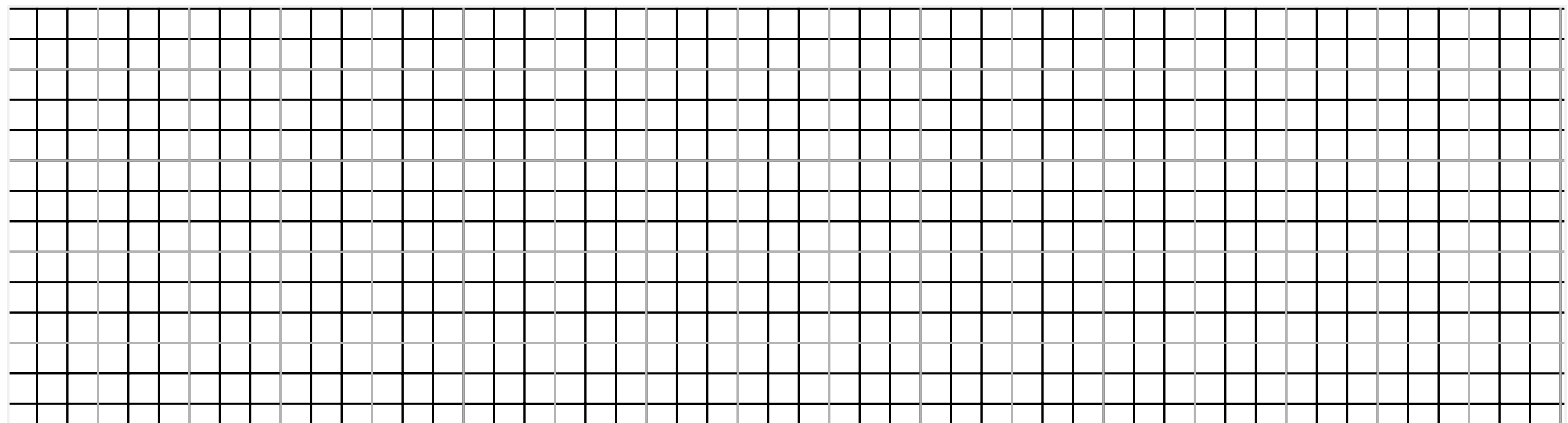
Dimensions



Ordering Options

LED Strip Connectors			
Code	CNT-P92-027	Quantity	
Code	CNT-P92-028	Quantity	
Code	CNT-P92-029	Quantity	
Code	CNT-P92-030	Quantity	
Code	CNT-P92-031	Quantity	

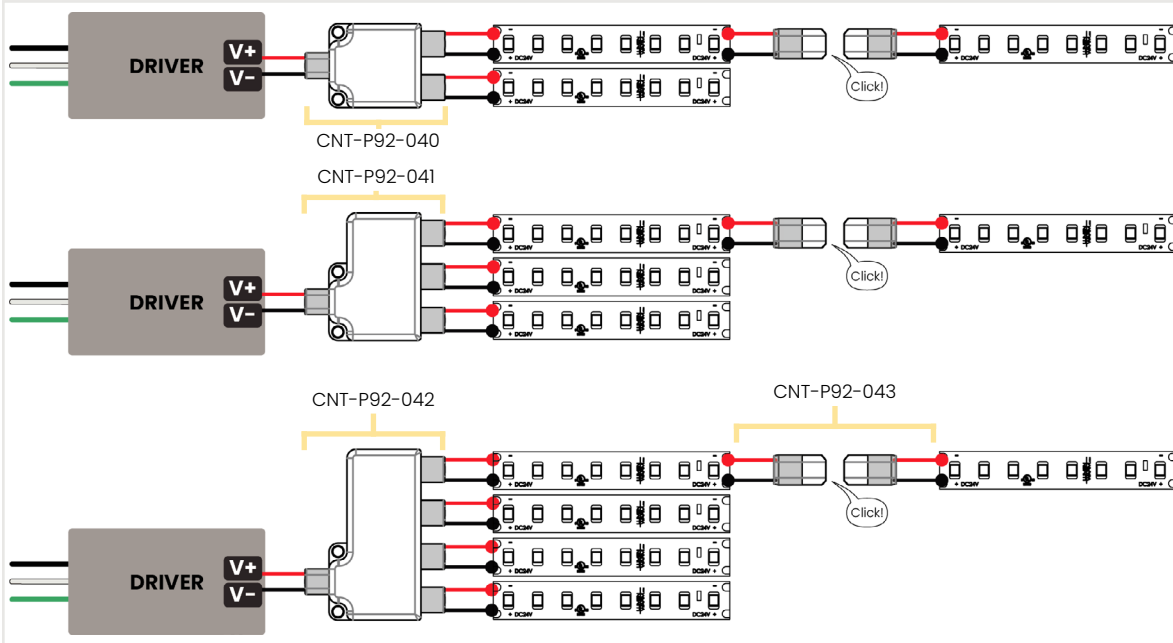
Workshop Drawing



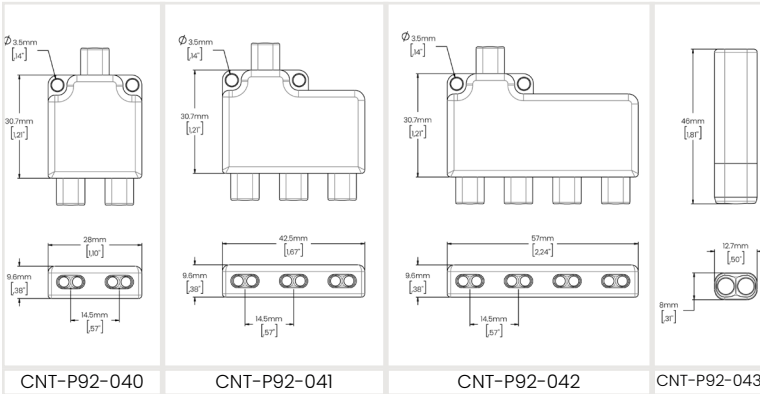
Technical Information

Parts Layout - Splice Boxes & Wire Connectors

Diagram is not 1:1 scale



Dimensions

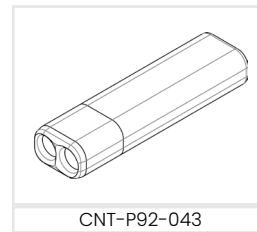


Specifications

	CNT-P92-040	CNT-P92-041	CNT-P92-042
Rated Voltage	12-48V		
Rated Current	4A		
Working Environment Temperature	14°F ~ 113°F / -10°C ~ 45°C		
Temperature Resistance	221°F / 105°C		
Flame Retardant Grade	Complies with UL-94-V0		

Ordering Options


Splice Boxes		
Code	CNT-P92-040	Quantity
Code	CNT-P92-041	Quantity
Code	CNT-P92-042	Quantity
Wire Connectors		
Code	CNT-P92-043	Quantity




Rated Voltage	300V
Rated Current	9A
Working Environment Temperature	14°F ~ 113°F / -10°C ~ 45°C
Temperature Resistance	221°F / 105°C
Flame Retardant Grade	Complies with UL-94-V0
Conductor Cross Section	18 ~ 16AWG / 0.0012 ~ 0.0020in ²
Max. Insulation Outer Diameter	Ø0.12in

Compatible Drivers


Non-Dimmable Drivers

	Specifications	
	UL Listed	IP66 rating, suitable for outdoor use
	Universal Input Voltage, full range	24V Constant Voltage Output, Class2
	Downloads (Click cells for linked documents)	
30W	96W	
60W	288W	


Five-in-One Dimmable Drivers

	Specifications	
	UL Listed	IP67 rating, suitable for indoor use
	Universal Input Voltage: 100-277VAC	24V Constant Voltage Output, Class2
	Downloads (Click cells for linked documents)	
30W	192W	
60W	288W	
96W		


DMX Drivers

	Specifications	
	Universal Input Voltage: 100-277VAC	24V Constant Voltage Output, Class2
	IP20 rating, suitable for indoor use	Compatible with Lumen Warm Controllers
	Downloads (Click cells for linked documents)	
100W		


Dali 2 Drivers + Lutron Athena Node

	Specifications	
	ENEC & UL approved	Range 100-277VAC
	Output constant voltage (NFC regulation)	Standby power consumption ≤0.5W
	Downloads (Click cells for linked documents)	
96W	Lutron Athena Node	

Dali 2 Drivers

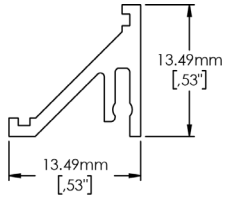
	Specifications	
	ENEC & UL approved	Range 100-277VAC
	Output constant voltage (NFC regulation)	Standby power consumption ≤0.5W
	Downloads (Click cells for linked documents)	
96W		

Lutron Drivers

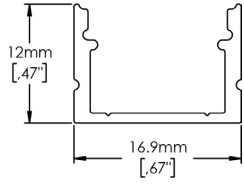
	Specifications	
	UL Listed	24V Constant Voltage Output, Class2
	Universal Input Voltage: 120-277VAC	Continuous dimming down to 0.1%
	Downloads (Click cells for linked documents)	
Hi-Lume Premier		

Compatible Products

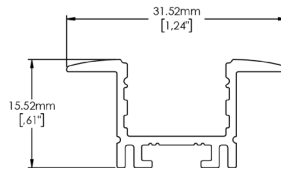
Click on product names for more information.



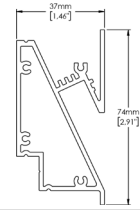
CONNOR



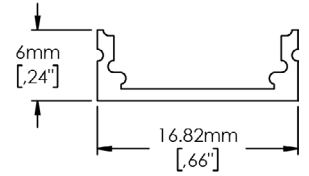
DOBY



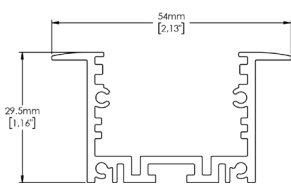
JAXSON



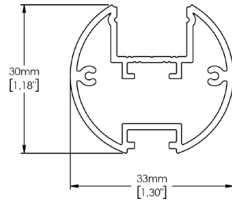
MYLA



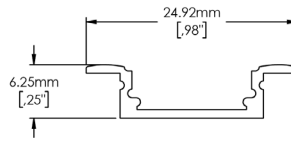
OLIVIA



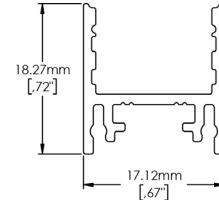
PALAZO MASTER



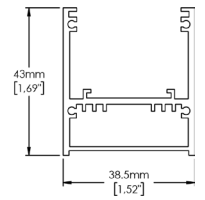
POLA



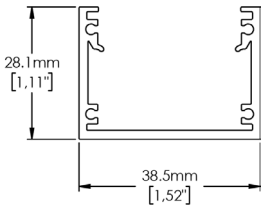
ROBERTHA



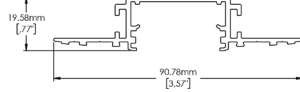
ROCCO



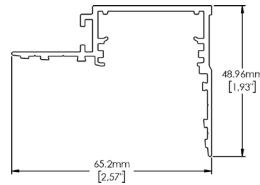
VENGA



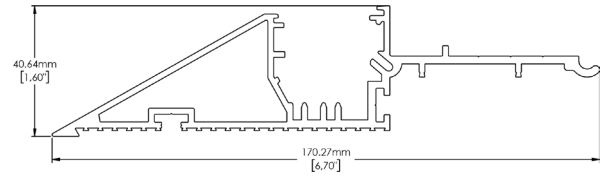
VENGA SLIM



VENGA SLIM TRIMLESS



VENGA SLIM TRIMLESS PERIMETER



ARKALUX