

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 colour 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

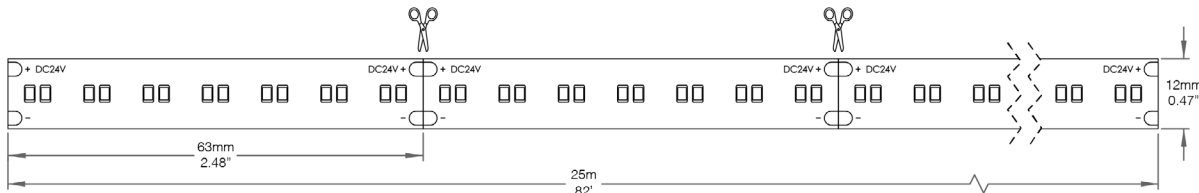
Colour Temperature	Dim to Warm 1800K - 3000K, Dim to Warm 2700K - 4000K
CRI*	90+ 2 Step MacAdam Ellipse
Lumen Output	480lm/ft 1590lm/m
Lumen/Watt	92lm/W
Driver	Remote Driver; 100-277V
Working Temperature	-25°C ~ 60°C / -13°F ~ 140°F

*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, DALI 2, DALI 2 + Athena Node, Lutron
Mounting	3M VHB premium quality double-sided tape
Applications	Dry or damp environment, low output light fixtures, millworks, cove, shelves, displays, handrails and much more

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

Dimensions



Ordering Options

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

Product Code	Length	Colour Temperature	Lead In	Lead Out
LWD2W480				
	5m 5m 25m 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 measure		(1) Refer to the following pages to select LED Strip Connectors, Splice Boxes & Wire Connectors	(2) Refer to the following pages to select LED Strip Connectors, Splice 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%	* Tape must be refed max every 30ft to avoid voltage drop *	
1800K	26%		

**LUMEN
WARM**

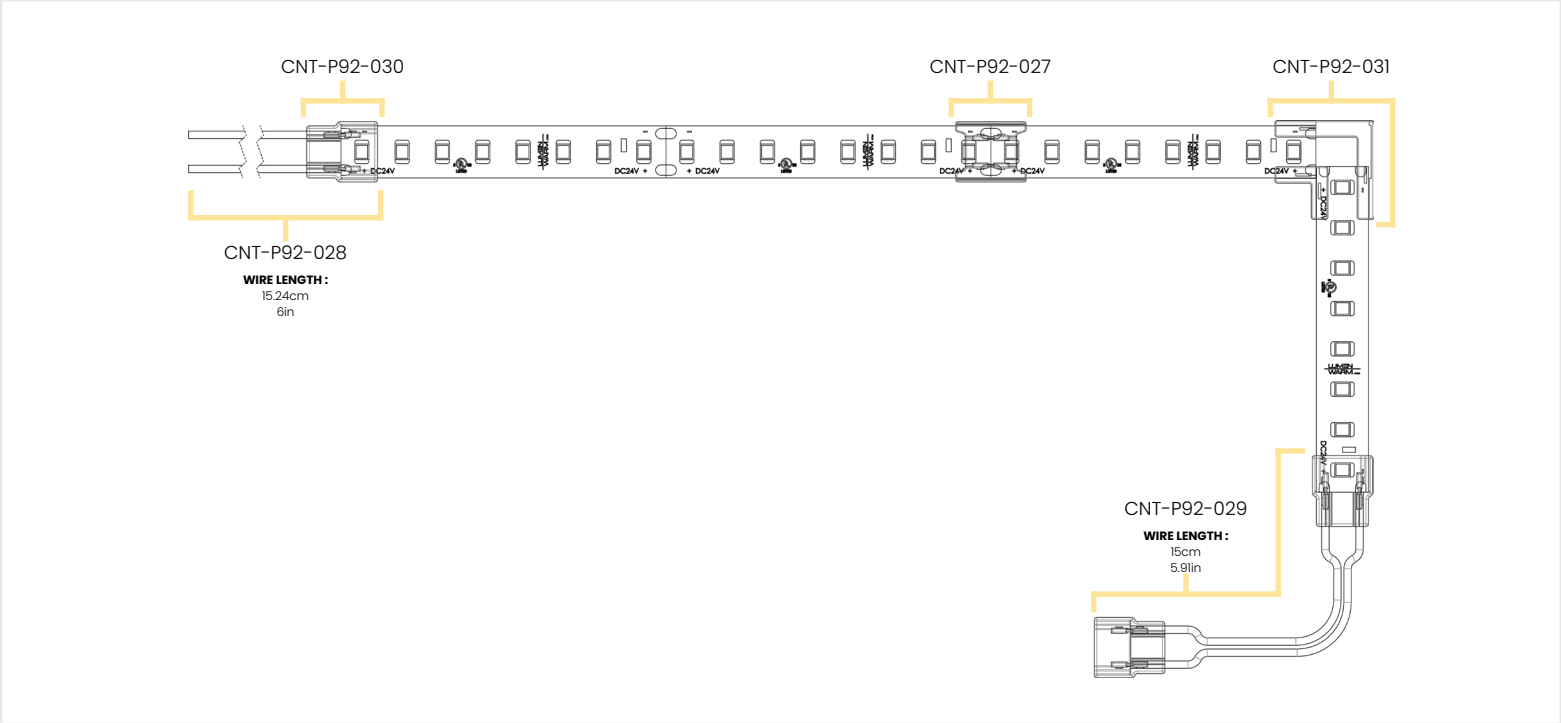
TOLL FREE 1 866 586 3692
TEL. 514 286 0227
info@lumenwarm.com

OFFICE AND SHOWROOM
155 Fortin Street, Suite 180, Quebec
City, QC G1M 3M2, Canada

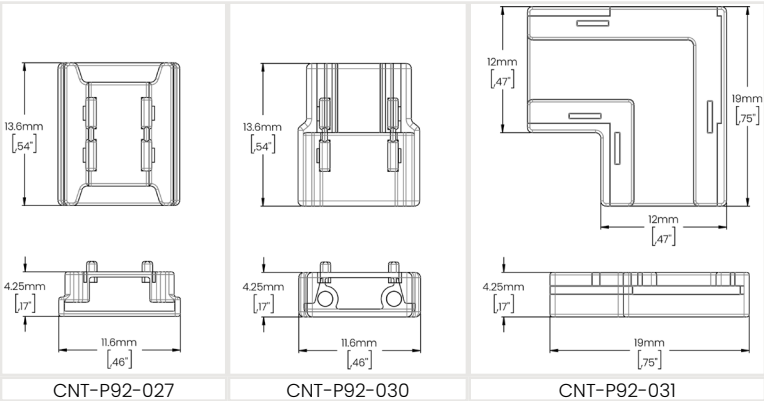
LAST UPDATE
18/12/2024

Technical Information

Parts Layout - LED Strip Connectors



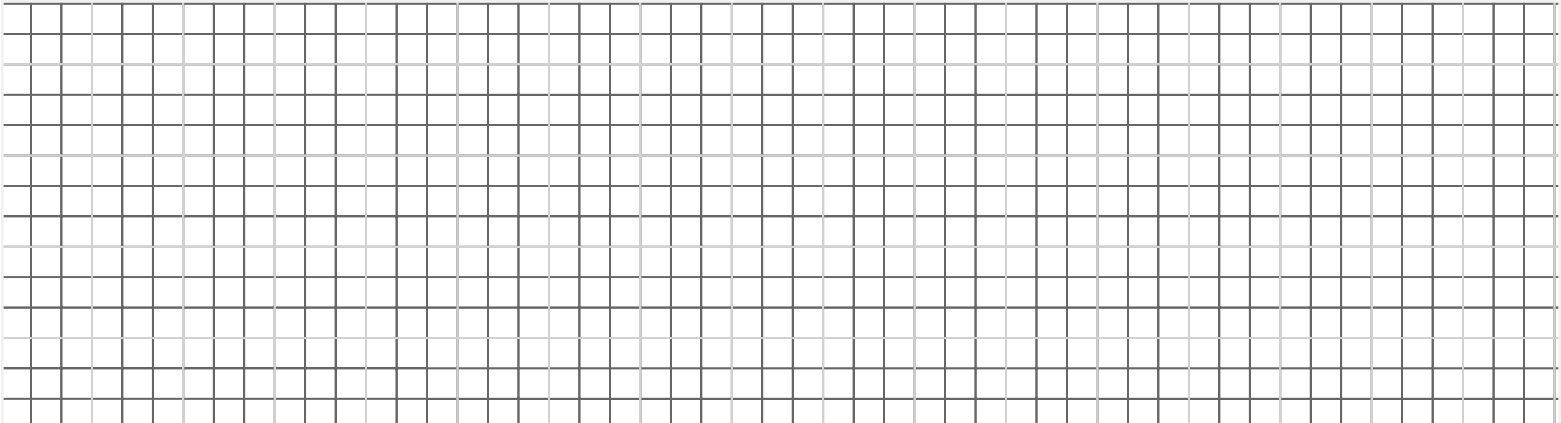
Dimensions



Ordering Options

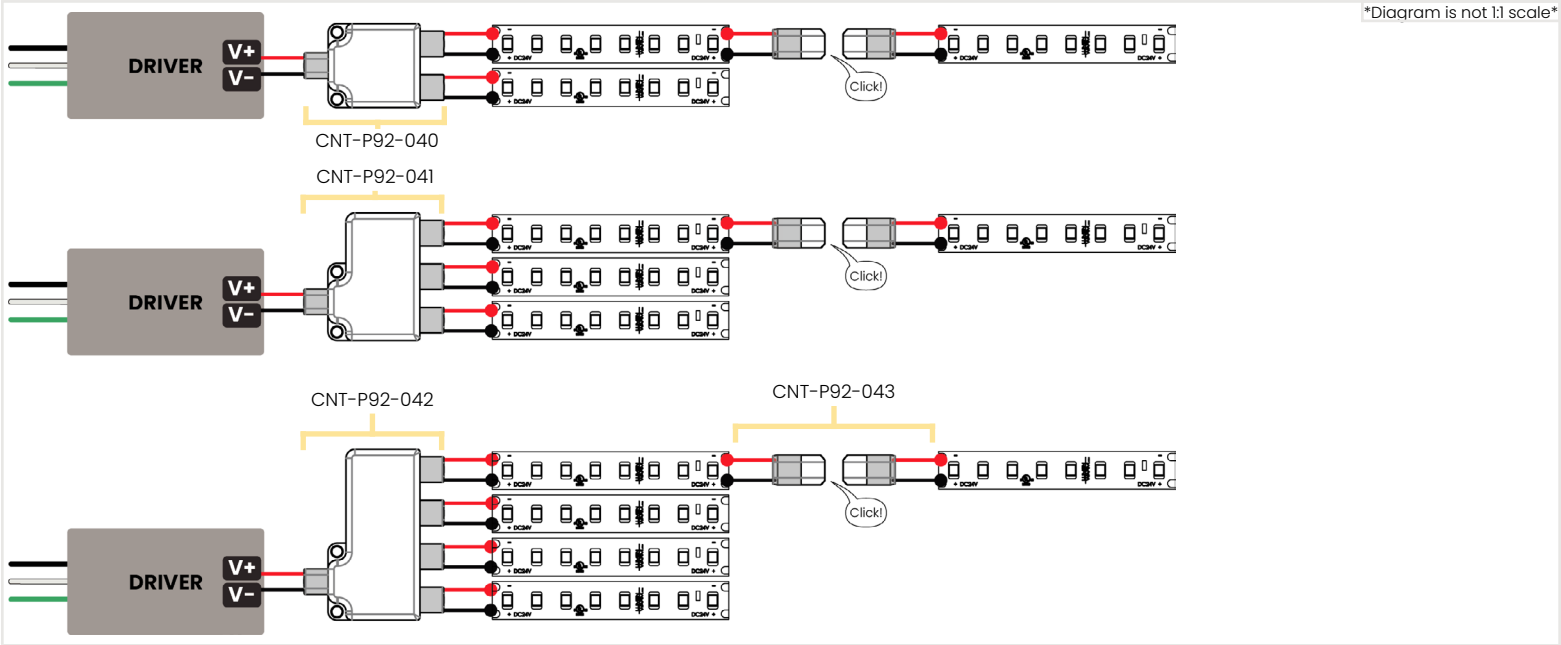
LED Strip Connectors			
Code	CNT-P92-027	Quantity	
Code	CNT-P92-028	Quantity	
Code	CNT-P92-029	Quantity	
Code	CNT-P92-030	Quantity	
Code	CNT-P92-031	Quantity	

Workshop Drawing

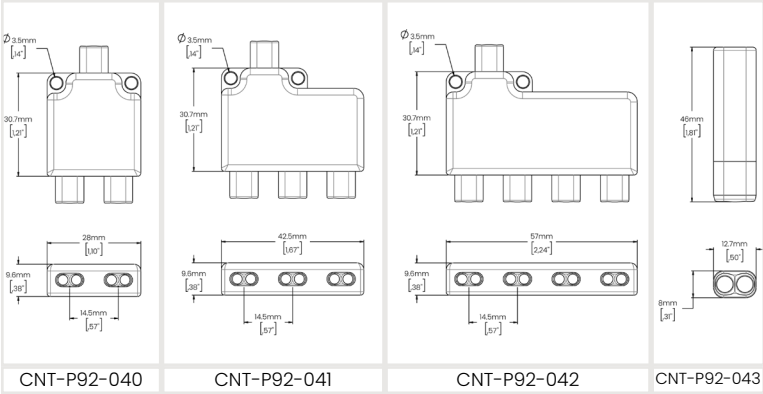


Technical Information

Parts Layout - Splice Boxes & Wire Connectors



Dimensions



Specifications

	CNT-P92-040	CNT-P92-041	CNT-P92-042
Rated Voltage	12-48V		
Rated Current	4A		
Working Temperature	-10°C ~ 45°C / 14°F ~ 113°F		
Temperature Resistance	105°C / 221°F		
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	

	CNT-P92-043
Rated Voltage	300V
Rated Current	9A
Working Temperature	14°F ~ 113°F
Temperature Resistance	221°F
Flame Retardant Grade	Complies with UL-94-V0
Conductor Cross Section	18 ~ 16AWG / 0.0012 ~ 0.0020in²
Max. Insulation Outer Diameter	Ø0.12in

Compatible Drivers

Click on desired Wattage for Spec Sheet.

Non-Dimmable Drivers



Specifications	
Universal Input Voltage: 100-277VAC	24V Constant Voltage Output, Class2
IP66 rating, suitable for outdoor use	UL Listed
Downloads	
30W	96W
60W	288W

Five-in-One Dimmable Drivers



Specifications	
Universal Input Voltage: 100-277VAC	24V Constant Voltage Output, Class2
IP67 rating, suitable for outdoor use	Forward phase, Reverse phase, ELV, 0-10V, 1-10V
Downloads	
30W	192W
60W	288W
96W	

DMX Driver



Specifications	
Universal Input Voltage: 100-277VAC	24V Constant Voltage Output, Class2
IP66 rating, suitable for outdoor use	Compatible with Lumen Warm Controllers
Downloads	
100W	

Dali 2 Driver + Lutron Athena Node



Specifications	
Universal Input Voltage: 100-277VAC	24V Constant Voltage Output, Class2
IP67 rating, suitable for outdoor use	UL Listed
Downloads	
96W	Lutron Athena Node

Dali 2 Driver



Specifications	
Universal Input Voltage: 100-277VAC	24V Constant Voltage Output, Class2
IP67 rating, suitable for outdoor use	UL Listed
Downloads	
96W	

Lutron Driver



Specifications	
Universal Input Voltage: 120-277VAC	24V Constant Voltage Output, Class2
For indoor use only	Continuous dimming down to 0.1%
Downloads	
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	