

700lm/ft Static White LED Strip

Lumen Warm's IC series is a high-performance specification grade range of LED strips. The built in IC technology guarantees a stable luminous flux along your run by managing voltage along the strip. This series offers a 95+ CRI, a two-step colour coherence and a range of 120 to 700 lumens per foot, with as high as 120 lumens per watt.



5 year warranty

+60,000hrs lifespan

IP20 RATED

UL US

Can be used to comply with 2019 Title 24 Part 6 High efficacy LED light source requirements

RoHS

TM30

R9 80-99

2 Step MacAdam Ellipse

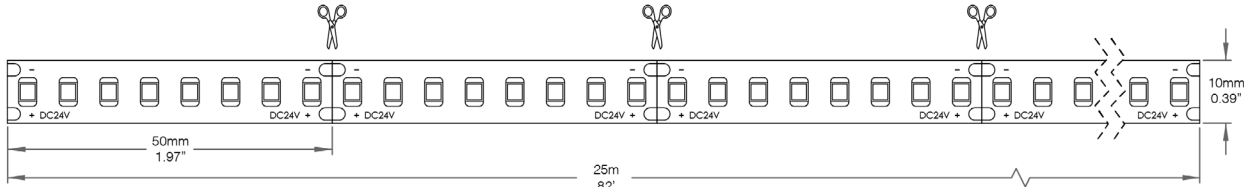
Highlights

Colour Temperature	2700K, 3000K, 3500K, 4000K	Input Voltage	24VDC
CRI*	95+ 2 Step MacAdam Ellipse	Consumption	5.85W/ft 19.2W/m
Lumen Output	702lm/ft 2304lm/m	Dimming Options	ELDR, DIM, DMX, DALI 2, DALI 2 + Athena Node, Lutron
Lumen/Watt	120lm/W	Mounting	3M VHB premium quality double-sided tape
Driver	Remote Driver; 100-277V	Applications	Dry or damp environment, low output light fixtures, millworks, cove, shelves, displays, handrails and much more
Working Temperature	-25°C ~ 60°C / -13°F ~ 140°F		

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

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Dimensions



Ordering Options

Ex : LWHPC700-5m-27K-NA-NA

Product Code	Length	Colour Temperature	Lead In	Lead Out
LWHPC700	5m 25m CU Custom (0)	27K 2700K 30K 3000K 35K 3500K 40K 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 and Wire Connectors	(2) Refer to the following pages to select LED Strip Connectors, Splice Boxes and Wire Connectors

Colour Temperature

2700K

3000K

3500K

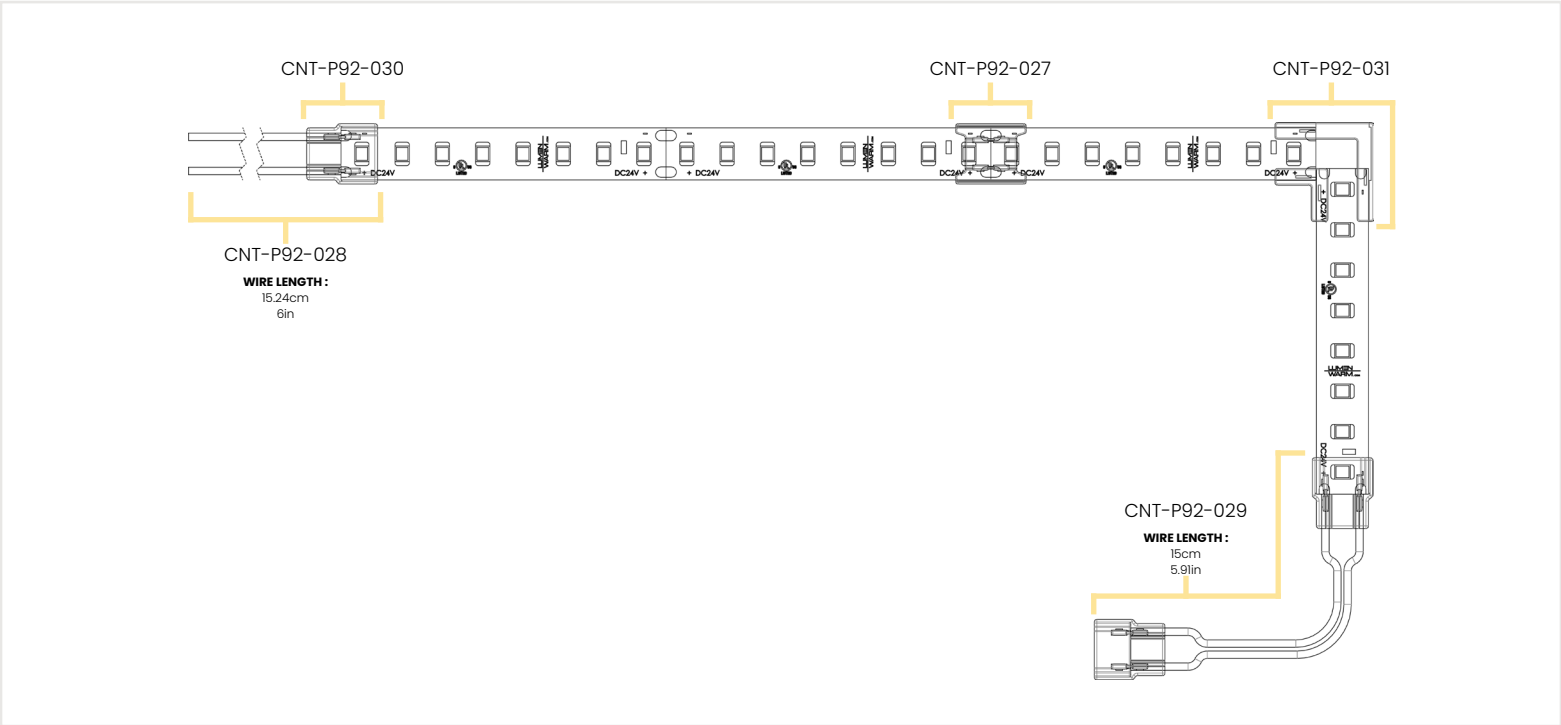
4000K

Custom

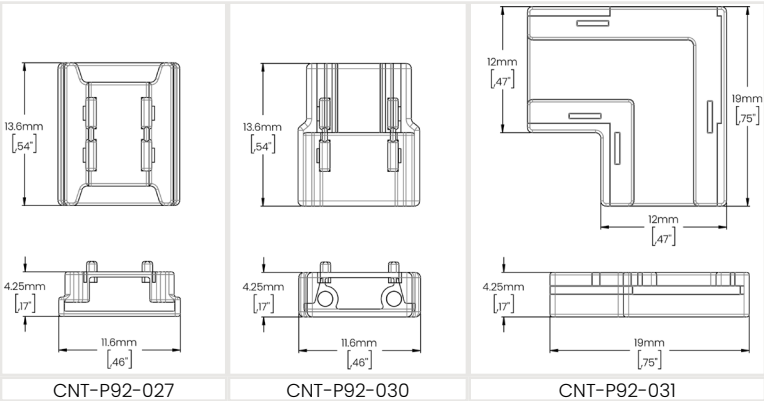
Light Loss Factor per Colour Temperature		Maximum Run per Driver	
4000K	0%	30W	4.28ft 1.31m
3500K	8%	60W	8.55ft 2.61m
3000K	17%	75W	10.69ft 3.26m
2700K	21%	96W	13.68ft 4.17m
2400K	24%	* Tape must be refed max every 30ft to avoid voltage drop *	
1800K	26%		

Technical Information

Parts Layout - LED Strip Connectors



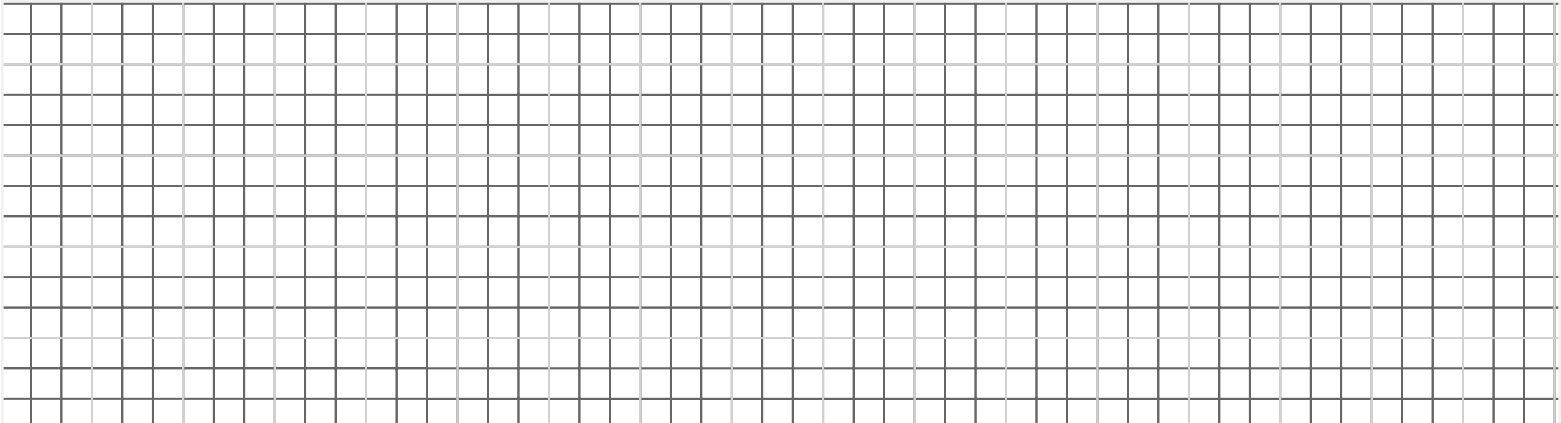
Dimensions



Ordering Options

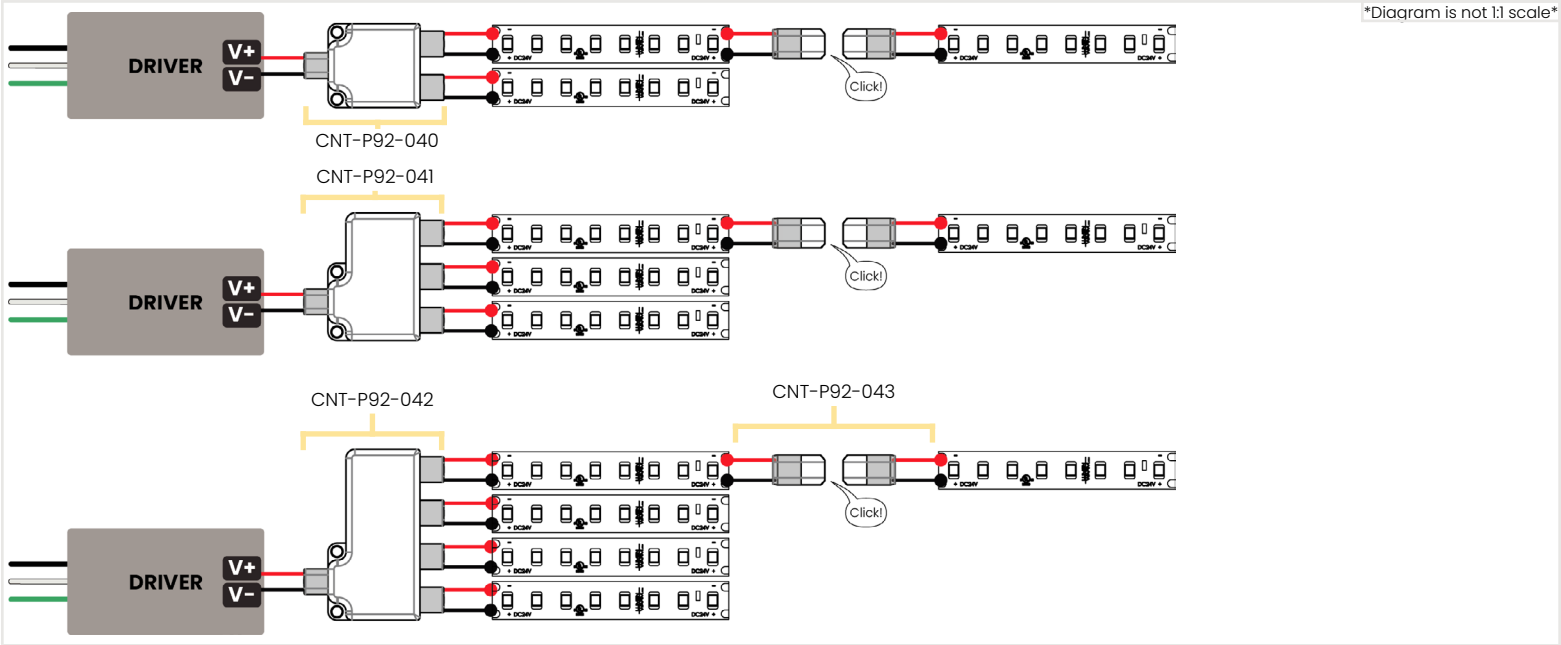
LED Strip Connectors			
Code	CNT-P92-027	Quantity	
Code	CNT-P92-028	Quantity	
Code	CNT-P92-029	Quantity	
Code	CNT-P92-030	Quantity	
Code	CNT-P92-031	Quantity	

Workshop Drawing

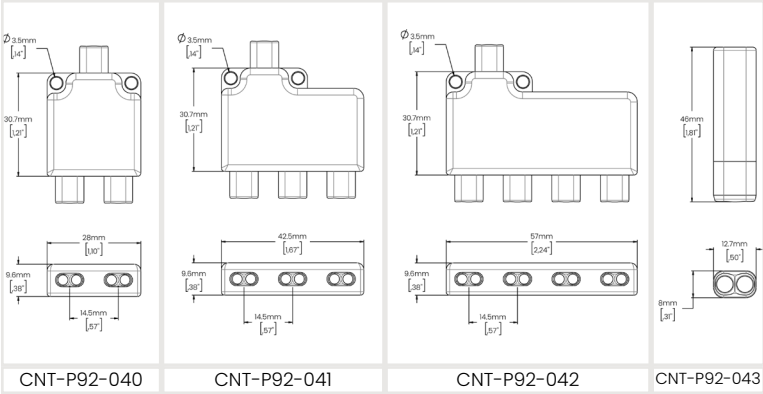


Technical Information

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	-10°C ~ 45°C / 14°F ~ 113°F
Temperature Resistance	105°C / 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	