



## Features:

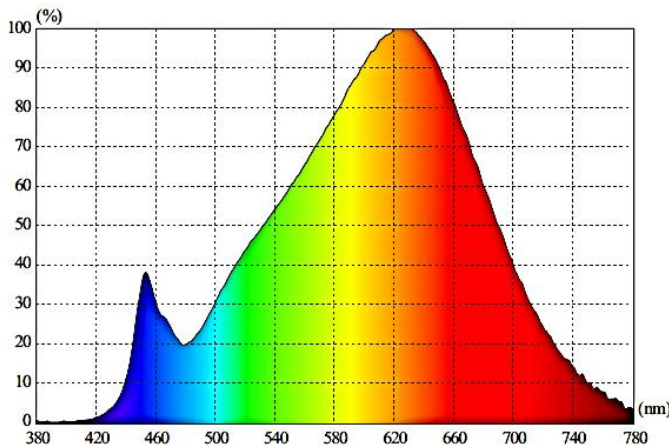
1. Very brilliant cost-effective strip with high quality components and reliability measures.
2. The new technology implemented achieves a very high efficiency of >110lm/m and high CRI Ra>90.
3. Low power consumption at only 4.8W/m (30% more power efficient than its competition)
4. Good heat sink design at ±1.5 Oz double layer and tinted copper white PCB board.
5. 12VDC & 24VDC and different CCTs (2200K~6000K).
6. Can be cut every 4 SMD(12VDC) & 8 SMD (24VDC)

## Specifications

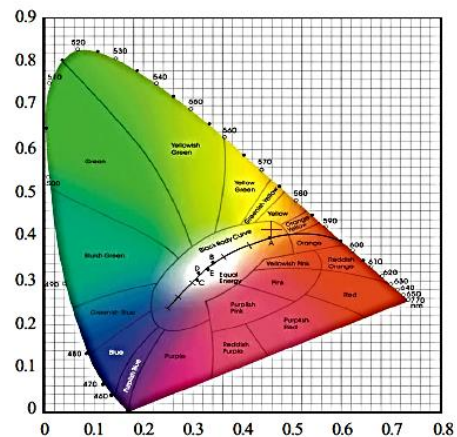
Product Code:	PRI-ECOLUX	Colour:	2200K/2700K/4000K/6000K
Power:	4.8W/m	Color Rendering Index:	Ra>90
Voltage:	12VDC & 24VDC	Cutting Section:	4SMD(12VDC) & 8SMD (24VDC)
Input Current:	400mA/m	View Angle:	120°
LED Qty:	80(SMD2216)/m	Working Temp.:	-20~+45°C
Luminous Efficiency:	110 lm/m	Working Humidity:	40~70%RH

## Testing Report

Spectral Distribution



Chromaticity Diagram



### Photometric Parameters

Luminous Flux: 500.46 lm      Luminous Efficiency: 104 lm/W      Rendering Index: Ra = 91.61

### Colorimetric Parameters

Chromaticity Coordinates:  $x=0.4581$   $y=0.4132$   $u'=0.2602$   $v'=0.3521$  ( $Duv=0.0011$ )

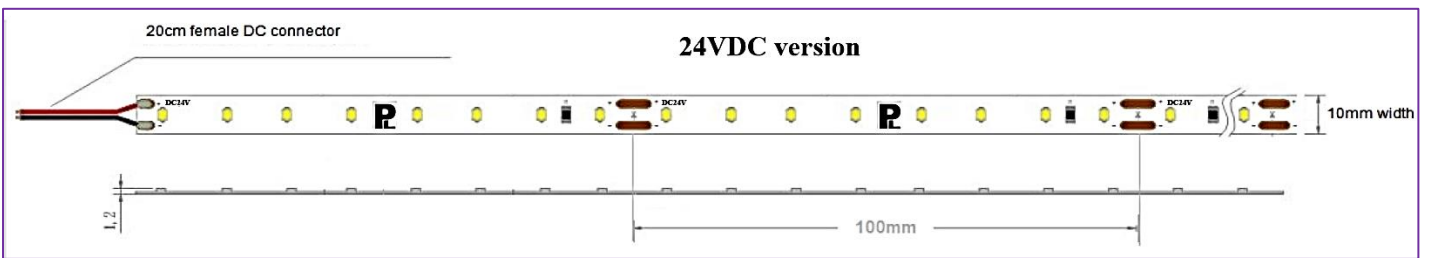
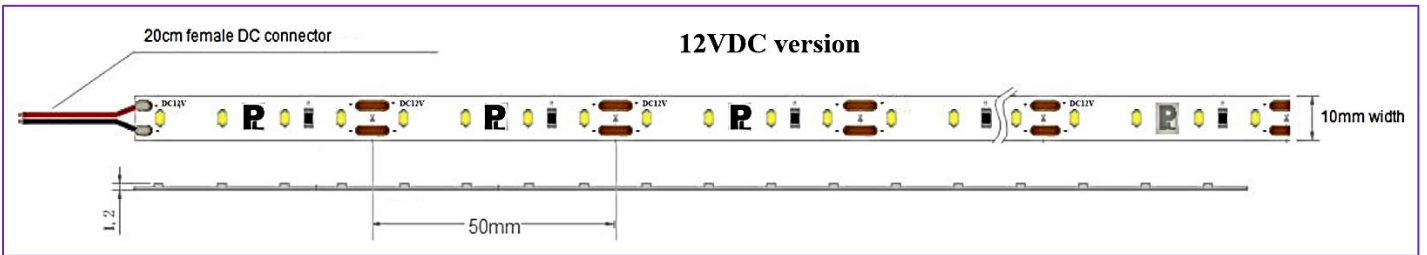
Color Temperature: 2744 K      Color Purity: 0.616  
 Dominant Wavelength: 583.63 nm      Red Color Ratio: 25.33 %  
 Peak Wavelength: 625.50 nm      Green Color Ratio: 72.14 %  
 Color Tolerance: 9.20 SDCM      Blue Color Ratio: 2.53 %

R1 = 91.2   R2 = 95.2   R3 = 98.2   R4 = 90.9   R5 = 90.8   R6 = 94.5   R7 = 91.1

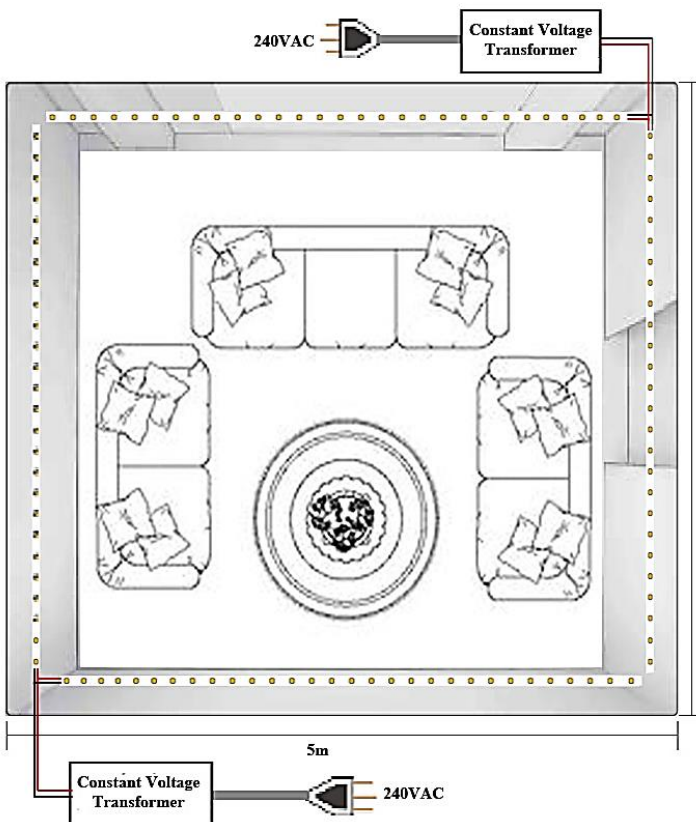
R8 = 80.9   R9 = 57.9   R10 = 87.1   R11 = 90.8   R12 = 79.0   R13 = 91.9   R14 = 98.5



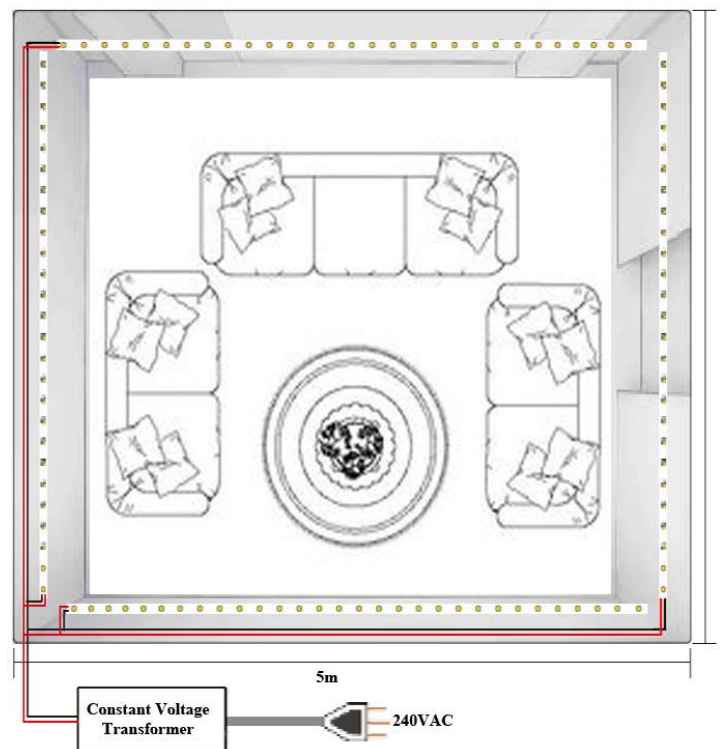
## Dimensions



## Wiring Sample



**(Two transformers for 4X5m)**



**(One transformer for 4X5m)**