



lumentruss

Client

Project

Order no.

Type

Qty

Date

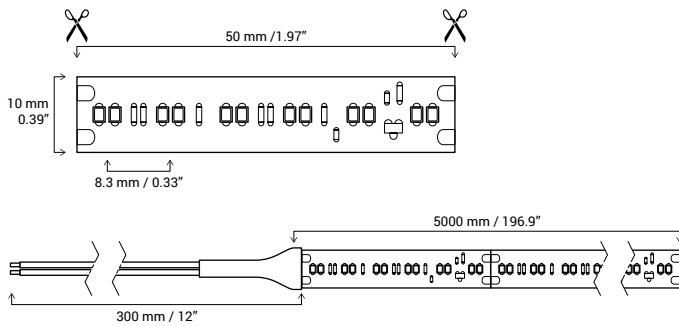
# B2216-24V-240-10mm-14.5W-WARMDIM-2200-2900K-IPYY

## Specification Sheet



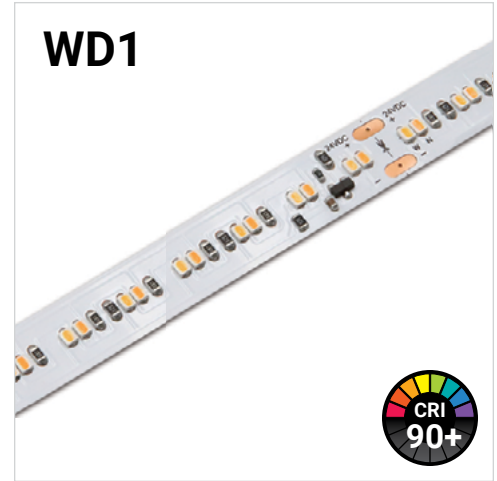
### PHYSICAL

Product Type	Flexible LED Strip		
SMD Type	2216		
Strip Width	3/8 in	10 mm (IP22)	
Strip Total Length (Roll)	16.4 ft	5 m	
LED Linear Density	73.15 LED/ft	240 LED/m	1200 LED/roll total
Can be cut at every	1.97 in	50 mm	12LED
Storage Temperature	-40°C to +80°C	Operating Temperature	-25°C to +60°C
Lifespan	50 000 Hrs		



### ELECTRICAL

Input Type	DC, Constant Voltage		
Input Voltage	24V DC		
<b>Rated Power (Max.)</b>	<b>4.4 W/ft</b>	<b>14.5 W/m</b>	<b>72.5 W/roll total</b>



Electrical Input

Rated Power (Max.)

CONSTANT VOLTAGE

**24V DC**

**72.5 W/roll**

### PRODUCT RANGE

Part Number	Code	IP	CCT*	Luminous Flux (max.)			Luminous Efficacy	CRI**
B2216-24V-240-10mm-14.5W-WARMDIM-2200-2900K-IP22	LM28500-03	IP22	2200-2900K	<b>192 lm/ft</b>	<b>630 lm/m</b>	<b>3150 lm/roll</b>	8.8 - 43.24 lm/W	88-97
B2216-24V-240-10mm-14.5W-WARMDIM-2200-2900K-IP68	LM28500-04	IP68	(Dimmable)					

CCT\* - Correlated Color Temperature  
CRI\*\* - Colour Rendering Index

Office & Showroom:  
9221, rue Edison, Montreal, Quebec, H1J 1T4, Canada

Toll Free: 1-855-384-3384  
E-mail: info@lumentruss.com  
www.lumentruss.com

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### WARMDIM FEATURES

- Dim to warm, variable colour when dimmed.
- A different mood for different times of the day
- No CCT control needed.
- Cuttable every 1.97 inches (12 LEDs).
- 3M double sided tape for easy installation.
- Compatible with PWM controller (PWM is a powerful technique for controlling analog circuits with a microprocessor's digital outputs).



24V LED ENGINE - IP22 - ROLL 16.4 FT	QUANTITY	24V LED ENGINE - IP67 - ROLL 16.4 FT	QUANTITY
B2016-24V-240-10mm-14.5W-WARMDIM-2200-2900K-IP22 LM28500-03		B2016-24V-240-10mm-14.5W-WARMDIM-2200-2900K-IP67 LM28500-04	
B2016-24V-240-10mm-14.5W-WARMDIM-2700-3500K-IP22 LM28500-05		B2016-24V-240-10mm-14.5W-WARMDIM-2700-3500K-IP67 LM28500-06	

### CUSTOM OPTIONS:

SMD TYPE	INPUT VOLTAGE	LED DENSITY	STRIP WIDTH	RATED POWER	CCT	USAGE	LEAD IN / OUT	STRIP LENGTH
B2016 - 2 x 1.6mm	24V - 24 volt	240 - 240 LED/m → 10mm (3/8 in.) → 14.5W/m (4.4 W/ft) → 2200-2900K	10mm (3/8 in.)	14.5W/m (4.4 W/ft)	2200-2900K	IP22 - indoor dry location IP67 - wet/damp location	HW3 - Hardwire 36" HW6 - Hardwire 72" HW9 - Hardwire 108" HWX - Hardwire cust. DC3 - DC plug 36" DC6 - DC plug 72" DC9 - DC plug 108" DCX - DC plug cust. NO - No lead	Custom length up to 420 inches.
		240 - 240 LED/m → 10mm (3/8 in.) → 14.5W/m (4.4 W/ft) → 2700-3500K			2700-3500K			

<b>B2016</b>	<b>24V</b>	<b>240</b>	<b>10mm</b>	<b>14.5W</b>				
SMD TYPE	INPUT VOLTAGE	LED/M	WIDTH	W/M	CCT	USAGE	IN	OUT

\*NOTE: The light output is provided in lumens per foot, for a CCT of 4200K and no lens. Please refer to the optics page for CCT and translucency conversion factors.