



lumentruss

Client

Project

Order no.

Type

Qty

Date

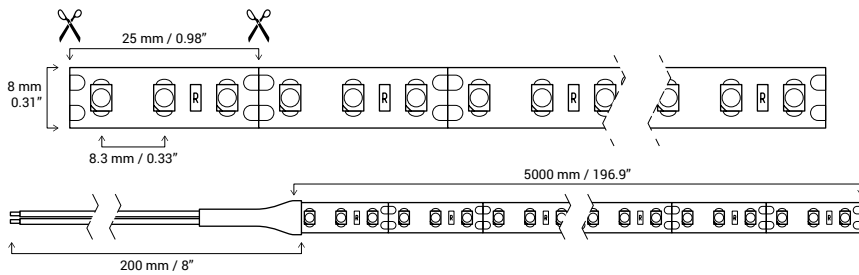
B3528-12V-120-8mm-9.6W-XXK-IPYY

Specification Sheet



PHYSICAL

Product Type	Flexible LED Strip		
SMD Type	3528		
Strip Width	5/16 in	8 mm (IP22)	10 mm (IP68)
Strip Total Length (Roll)	16.4 ft	5 m	
LED Linear Density	36.6 LED/ft	120 LED/m	600 LED/roll total
Can be cut at every	0.98 in	25mm	3 LED
Storage Temperature	-40°C to +80°C	Operating Temperature	-25°C to +40°C
Lifespan	50 000 Hrs		



ELECTRICAL

Input Type	DC, Constant Voltage		
Input Voltage	12V DC		
Rated Power (Max.)	2.9 W/ft	9.6 W/m	48 W/roll total

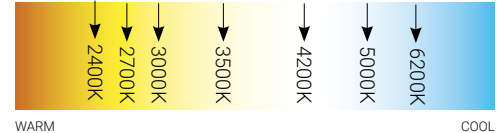


Electrical Input

Rated Power (Max.)

CONSTANT VOLTAGE	12V DC	48 W/roll
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Correlated Color Temperature (CCT)



PRODUCT RANGE

Part Number	Code	IP	CCT*	Luminous Flux			Luminous Efficacy	CRI**	R9	duv***
B3528-12V-120-8mm-9.6W-2400K-IP22	LM21440-25	IP22	2400K	212 lm/ft	694 lm/m	3471 lm/roll	73 lm/W	92.5	58	0.0019
B3528-12V-120-8mm-9.6W-2400K-IP68	LM21440-85	IP68	(Soft White)							
B3528-12V-120-8mm-9.6W-2700K-IP22	LM21441-25	IP22	2700K	217 lm/ft	713 lm/m	3567 lm/roll	75 lm/W	92.2	72	0.0017
B3528-12V-120-8mm-9.6W-2700K-IP68	LM21441-85	IP68	(Soft White)							
B3528-12V-120-8mm-9.6W-3000K-IP22	LM28101	IP22	3000K	223 lm/ft	729 lm/m	3647 lm/roll	77 lm/W	92.1	62	0.0010
B3528-12V-120-8mm-9.6W-3000K-IP68	LM28103	IP68	(Warm White)							
B3528-12V-120-8mm-9.6W-3500K-IP22	LM28111	IP22	3500K	228 lm/ft	749 lm/m	3743 lm/roll	79 lm/W	93.9	73	0.0012
B3528-12V-120-8mm-9.6W-3500K-IP68	LM28113	IP68	(Bright White)							
B3528-12V-120-8mm-9.6W-4200K-IP22	LM28121	IP22	4200K	234 lm/ft	768 lm/m	3839 lm/roll	81 lm/W	93.2	81	0.0012
B3528-12V-120-8mm-9.6W-4200K-IP68	LM28123	IP68	(Neutral White)							
B3528-12V-120-8mm-9.6W-6200K-IP22	LM28131	IP22	6200K	240 lm/ft	787 lm/m	3935 lm/roll	83 lm/W	95.9	97	-0.0003
B3528-12V-120-8mm-9.6W-6200K-IP68	LM28133	IP68	(Cool White)							

Other CCT available upon request. Please contact your authorized representative.

CCT* - Correlated Color Temperature CRI** - Colour Rendering Index duv*** - Black-body Curve Deviation

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LP2 - B3528-12V-120-8MM-9.6W-XXK-IPYY

LED Engines



FEATURES

- Lumen output: 234 lm/ft*
- Single row, SMD 3528
- 36.6 LED/ft / 120 LED/m
- Width: 5/16 in / 8mm
- Length: 16.4ft / 5m
- 12V
- 2.9 W/ft / 9.6 W/m



12V LED ENGINE - IP22		QUANTITY	12V LED ENGINE - IP68		QUANTITY
B3528-12V-120-8mm-9.6W-2400K-IP22	LM21440-25		B3528-12V-120-8mm-9.6W-2400K-IP68	LM21440-85	
B3528-12V-120-8mm-9.6W-2700K-IP22	LM21441-25		B3528-12V-120-8mm-9.6W-2700K-IP68	LM21441-85	
B3528-12V-120-8mm-9.6W-3000K-IP22	LM28101		B3528-12V-120-8mm-9.6W-3000K-IP68	LM28103	
B3528-12V-120-8mm-9.6W-3500K-IP22	LM28111		B3528-12V-120-8mm-9.6W-3500K-IP68	LM28113	
B3528-12V-120-8mm-9.6W-4200K-IP22	LM28121		B3528-12V-120-8mm-9.6W-4200K-IP68	LM28123	
B3528-12V-120-8mm-9.6W-6200K-IP22	LM28131		B3528-12V-120-8mm-9.6W-6200K-IP68	LM28133	

CUSTOM OPTIONS:

SMD TYPE	INPUT VOLTAGE	LED DENSITY	STRIP WIDTH	RATED POWER	CCT	USAGE	LEAD IN / OUT	STRIP LENGTH
B3528 - 3.5 x 2.8mm	12V - 12 volt	120 - 120 LED/m	8mm (5/16 in.)	9.6 W/m (2.9 W/ft)	<input type="checkbox"/> 2400K <input type="checkbox"/> 2700K <input type="checkbox"/> 3000K <input type="checkbox"/> 3500K <input type="checkbox"/> 4200K <input type="checkbox"/> 6200K	IP22 - indoor dry location IP68 - 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. Quick ship regular roll is 196 inches - 12 in HW only.
B3528	12V	120	8MM	9.6W			IN - OUT	LENGTH

*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.