



lumentruss

Client

Project

Order no.

Type

Qty

Date

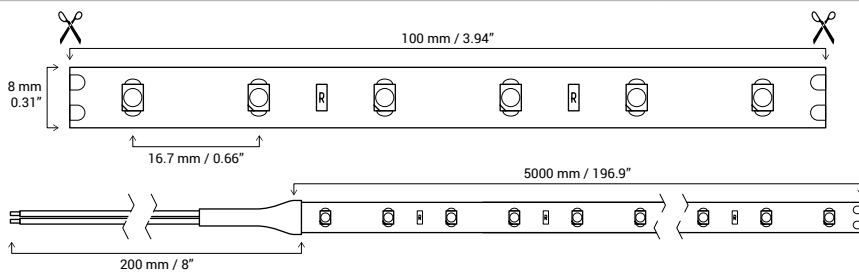
B3528-24V-60-8mm-4.8W-XXK-IPYY

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	18.3 LED/ft	60 LED/m	300 LED/roll total
Can be cut at every	3.94 in	100 mm	6 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	24V DC		
Rated Power (Max.)	1.5 W/ft	4.8 W/m	24 W/roll total

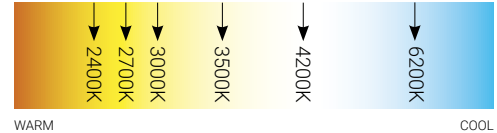


Electrical Input

Rated Power (Max.)

CONSTANT VOLTAGE	24V DC	24 W/roll
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Correlated Color Temperature (CCT)



PRODUCT RANGE

Part Number	Code	IP	CCT*	Luminous Flux			Luminous Efficacy	CRI**	R9	duv***
B3528-24V-60-8mm-4.8W-2400K-IP22	LM28097-05	IP22	2400K	108 lm/ft	354 lm/m	1771 lm/roll	72 lm/W	92.3	58	0.0011
B3528-24V-60-8mm-4.8W-2400K-IP68	LM28097-06	IP68	(Soft White)							
B3528-24V-60-8mm-4.8W-2700K-IP22	LM28096-95	IP22	2700K	110 lm/ft	361 lm/m	1805 lm/roll	73 lm/W	92.6	69	0.010
B3528-24V-60-8mm-4.8W-2700K-IP68	LM28096-96	IP68	(Soft White)							
B3528-24V-60-8mm-4.8W-3000K-IP22	LM28095-01	IP22	3000K	113 lm/ft	371 lm/m	1854 lm/roll	75 lm/W	92.6	64	0.0001
B3528-24V-60-8mm-4.8W-3000K-IP68	LM28096-24	IP68	(Warm White)							
B3528-24V-60-8mm-4.8W-3500K-IP22	LM28061-24	IP22	3500K	116 lm/ft	381 lm/m	1903 lm/roll	77 lm/W	93.2	87	0.0021
B3528-24V-60-8mm-4.8W-3500K-IP68	LM28063-24	IP68	(Bright White)							
B3528-24V-60-8mm-4.8W-4200K-IP22	LM28071-24	IP22	4200K	119 lm/ft	390 lm/m	1952 lm/roll	79 lm/W	94.4	84	0.0011
B3528-24V-60-8mm-4.8W-4200K-IP68	LM28072-24	IP68	(Neutral White)							
B3528-24V-60-8mm-4.8W-6200K-IP22	LM28081-24	IP22	6200K	122 lm/ft	400 lm/m	2001 lm/roll	81 lm/W	93.2	81	0.032
B3528-24V-60-8mm-4.8W-6200K-IP	LM28081-28	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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LPO - B3528-24V-60-8MM-4.8W-XXK-IPYY

LED Engines



FEATURES

- Lumen output: 119 lm/ft*
- Single row, SMD 3528
- 18.3 LED/ft / 60 LED/m
- Width: 5/16 in / 8mm
- Length: 16.4ft / 5m
- 24V
- 1.5 W/ft / 4.8W/m



24V LED ENGINE - IP22		QUANTITY	24V LED ENGINE - IP68		QUANTITY
B3528-24V-60-8mm-4.8W-2400K-IP22	LM28097-05		B3528-24V-60-8mm-4.8W-2400K-IP68	LM28097-06	
B3528-24V-60-8mm-4.8W-2700K-IP22	LM28096-95		B3528-24V-60-8mm-4.8W-2700K-IP68	LM28096-96	
B3528-24V-60-8mm-4.8W-3000K-IP22	LM28095-01		B3528-24V-60-8mm-4.8W-3000K-IP68	LM28096-24	
B3528-24V-60-8mm-4.8W-3500K-IP22	LM28061-24		B3528-24V-60-8mm-4.8W-3500K-IP68	LM28063-24	
B3528-24V-60-8mm-4.8W-4200K-IP22	LM28071-24		B3528-24V-60-8mm-4.8W-4200K-IP68	LM28072-24	
B3528-12V-60-8mm-4.8W-6200K-IP22	LM28081-24		B3528-12V-60-8mm-4.8W-6200K-IP68	LM28081-28	

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	24V - 24 volt	60 - 60 LED/m	8mm (5/16 in.)	4.8 W/m (1.5 W/ft)	<div style="display: flex; flex-direction: column; gap: 5px;"> <div> 2400K</div> <div> 2700K</div> <div> 3000K</div> <div> 3500K</div> <div> 4200K</div> <div> 6200K</div> </div>	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	24V	60	8MM	4.8W				
SMD TYPE	INPUT VOLTAGE	LED/M	WIDTH	W/M	CCT	USAGE	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.