



lumentruss

Client

Project

Order no.

Type

Qty

Date

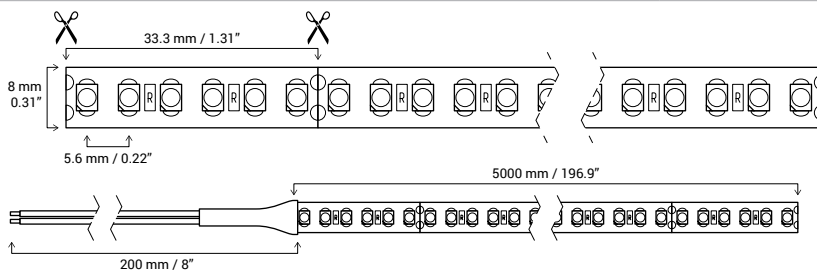
B3528-24V-180-8mm-14.5W-XXK-IPYY

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	54.9 LED/ft	180 LED/m	900 LED/roll total
Can be cut at every	1.31 in	33.3 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.)	4.4 W/ft	14.5 W/m	73 W/roll total

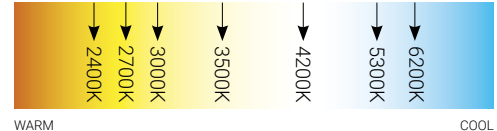


Electrical Input

Rated Power (Max.)

CONSTANT VOLTAGE	24V DC	73 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-180-8mm-14.5W-2400K-IP22	LM41271-30	IP22	2400K	303 lm/ft	995 lm/m	4974 lm/roll	69 lm/W	90	54	0.0004
B3528-24V-180-8mm-14.5W-2400K-IP68	LM41271-90	IP68	(Soft White)							
B3528-24V-180-8mm-14.5W-2700K-IP22	LM41271-35	IP22	2700K	311 lm/ft	1020 lm/m	5102 lm/roll	71 lm/W	92.5	66	0.0005
B3528-24V-180-8mm-14.5W-2700K-IP68	LM41271-95	IP68	(Soft White)							
B3528-24V-180-8mm-14.5W-3000K-IP22	LM41272-35	IP22	3000K	319 lm/ft	1046 lm/m	5230 lm/roll	73 lm/W	92.3	69	0.0002
B3528-24V-180-8mm-14.5W-3000K-IP68	LM41272-94	IP68	(Warm White)							
B3528-24V-180-8mm-14.5W-3500K-IP22	LM41272-36	IP22	3500K	327 lm/ft	1072 lm/m	5358 lm/roll	74 lm/W	95	88	0.0002
B3528-24V-180-8mm-14.5W-3500K-IP68	LM41272-95	IP68	(Bright White)							
B3528-24V-180-8mm-14.5W-4200K-IP22	LM41274-36	IP22	4200K	335 lm/ft	1100 lm/m	5496 lm/roll	76 lm/W	94	83	0.0001
B3528-24V-180-8mm-14.5W-4200K-IP68	LM41274-95	IP68	(Neutral White)							
B3528-24V-180-8mm-14.5W-5300K-IP22	LM41274-25	IP22	5300K	343 lm/ft	1312 lm/m	6560 lm/roll	78 lm/W	93.8	72	0.0014
B3528-24V-180-8mm-14.5W-5300K-IP68	LM41274-26	IP68	(Daylight)							
B3528-24V-180-8mm-14.5W-6200K-IP22	LM41274-30	IP22	6200K	352 lm/ft	1154 lm/m	5768 lm/roll	80 lm/W	93.3	77	0.0015
B3528-24V-180-8mm-14.5W-6200K-IP68		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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LP3 - B3528-24V-180-8MM-14.5W-XXK-IPYY

LED Engines



FEATURES

- Lumen output: 335 lm/ft*
- Single row, SMD 3528
- 54.9 LED/ft / 180 LED/m
- Width: 5/16 in / 8mm
- Length: 16.4ft / 5m
- 24V
- 4.4 W/ft / 14.5 W/m



24V LED ENGINE - IP22		QUANTITY	24V LED ENGINE - IP68		QUANTITY
B3528-24V-180-8mm-14.5W-2400K-IP22	LM41271-30		B3528-24V-180-8mm-14.5W-2400K-IP68	LM41271-90	
B3528-24V-180-8mm-14.5W-2700K-IP22	LM41271-35		B3528-24V-180-8mm-14.5W-2700K-IP68	LM41271-95	
B3528-24V-180-8mm-14.5W-3000K-IP22	LM41272-35		B3528-24V-180-8mm-14.5W-3000K-IP68	LM41272-94	
B3528-24V-180-8mm-14.5W-3500K-IP22	LM41272-36		B3528-24V-180-8mm-14.5W-3500K-IP68	LM41272-95	
B3528-24V-180-8mm-14.5W-4200K-IP22	LM41274-36		B3528-24V-180-8mm-14.5W-4200K-IP68	LM41274-95	
B3528-24V-180-8mm-14.5W-5300K-IP22	LM41274-25		B3528-24V-180-8mm-14.5W-5300K-IP68	LM41274-26	
B3528-24V-180-8mm-14.5W-6200K-IP22	LM41274-30				

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	180 - 180 LED/m	8mm (5/16 in.)	14.5 W/m (4.4 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"/> 5300K	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	180	8MM	14.5W					
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.