

Vienna LED Tapelight Specifications



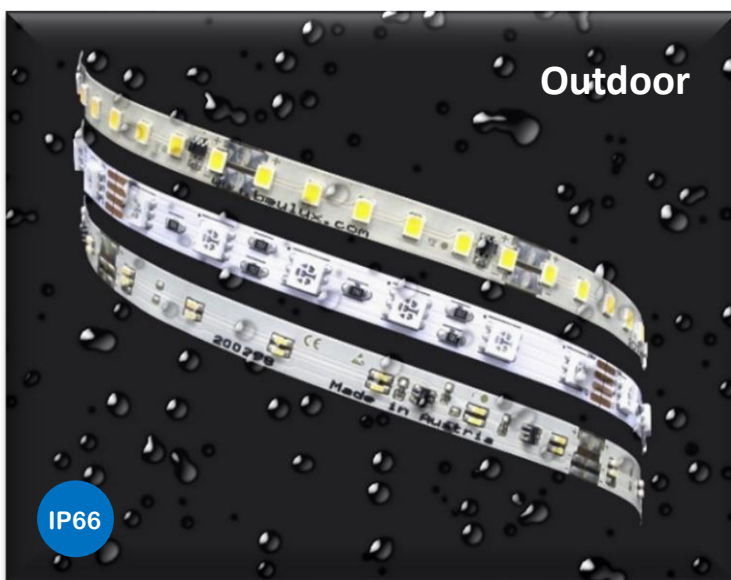
Vienna is a high-end flexible tape light manufactured in Austria, Europe. Not only is it produced in Reel-To-Reel method with in-line testing but also uses exclusively components of highest quality



(Osram LEDs, high copper content conductors). The constant current ICs guarantee uniform light levels even with longer run lengths. Binning to McAdam Step3, LM80 conformity and efficacy up to 118lm/Watt fulfill highest standards. Dimmable with all common dimming protocols. Equipped with 3M thermal dissipation adhesive tape. 24V DC. Discharge and reverse polarization protection.



This hydrophobic, plasma-enhanced and super-thin coating enhances the durability of this tape light without the problems that Silicone or Polyurethane coatings bear. Applied under vacuum condition in condensation method.



- **Moisture resistance:** water and many other organic substances have no effect on this coating
- **No light loss:** same lumen output as the IP00 tape
- **No shift in color temperature:** CCTs stay the same as with IP00 tape
- **No temperature increase:** no heat build-up as in encapsulated products guarantees longer lifetime and quality stability

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Technical Information

Product	Output (~lm/ft)	LEDs/ft	Consump. (watt/ft)	Efficacy (~lm/watt)	CRI	Voltage	Max run length	Cut increment
L90	~ 90	36	0.73	123	>80	24	75'	2"
L180	~ 180	36	1.62	111	>80	24	47'	2"
L270	~ 270	36	2.7	108	>80	24	34'	2"
L400	~ 400	36	3.9	109	>80	24	25'	2"
L610	~ 610	36	6.2	104	>80	24	18'	2"
L910	~ 910	36	9.7	104	>80	24	10'	2"

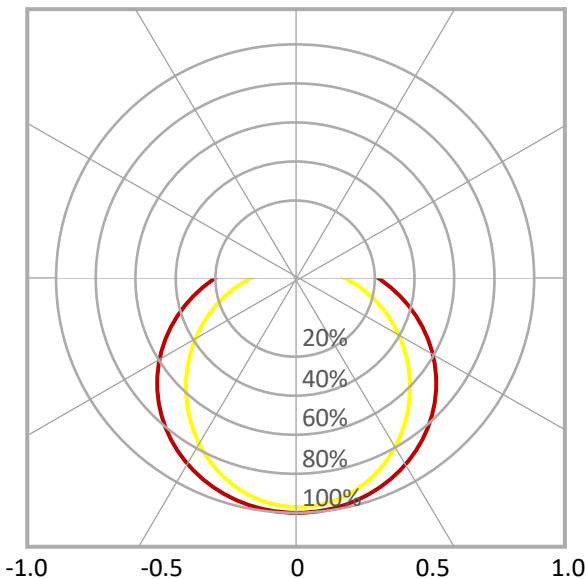
Tapelight Ordering Codes

Example: V-L400IP66CT27-4'

(Vienna, ~400 lm/ft, Outdoor, 2700K, 4 ft)

1. PRODUCT LINE	+	2. OUTPUT	+	3. IP RATING	+	4. COLOR TEMP	+	5. RUN LENGTH
V Vienna		L90 ~ 90 lm/ft L180 ~180 lm/ft L270 ~ 270 lm/ft L400 ~ 400 lm/ft L610 ~ 610 lm/ft L910 ~ 910 lm/ft		IP00 Indoor IP66 Outdoor		CT22 2200k CT27 2700k CT30 3000k CT35 3500k CT40 4000k		Enter run length

Photometric



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Power Supply Ordering Codes

Example: DTR60IP67
Dimming, 60 Watt, IP67

1. MODEL		+	2. POWER		+	3. IP RATING		INPUT	OUTPUT	DIMENSION											
NTR	Non-Dimming	50	50 Watt	IP00	Indoor	88-264V	24V	3.90 X 3.82 X 1.42	24V	3.90 X 3.82 X 1.42											
		75	75 Watt								5.08 X 3.82 X 1.50										
		100	100 Watt								6.26 X 3.82 X 1.50										
		150	150 Watt								7.84 X 3.85 X 1.50										
	DTR	Dimming (0-10V)	12	12 Watt	IP42	Indoor	90-264V	24V	3.03 X 1.57 X 1.14	24V	3.03 X 1.57 X 1.14										
			16	16 Watt								3.03 X 1.57 X 1.14									
			25	25 Watt								3.31 X 2.24 X 1.16									
			35	35 Watt								3.31 X 2.24 X 1.16									
			FPD	Dimming (Forward Phase)								20	20 Watt	IP67	Outdoor	90-264V	24V	4.65 X 1.38 X 1.02	24V	4.65 X 1.38 X 1.02	
												35	35 Watt								5.83 X 1.57 X 1.18
												60	60 Watt								6.40 X 1.67 X 1.26
	100	100 Watt			7.48 X 2.05 X 1.46																
	20	20 Watt			IP67	Outdoor	90-305V	24V	5.83 X 1.57 X 1.26	24V	5.83 X 1.57 X 1.26										
35	35 Watt	5.83 X 1.57 X 1.26																			
40	40 Watt	6.40 X 1.70 X 1.26																			
60	60 Watt	6.40 X 1.70 X 1.26																			
90	90 Watt	6.34 X 2.40 X 1.42																			
100	100 Watt	8.66 X 2.68 X 1.53																			
120	120 Watt	8.66 X 2.68 X 1.53																			
150	150 Watt	8.97 X 2.68 X 1.58																			
185	185 Watt	8.97 X 2.68 X 1.58																			
240	240 Watt	9.88 X 2.68 X 1.58																			
320	320 Watt	9.92 X 3.54 X 1.72																			
600	600 Watt	11.02 X 5.67 X 1.91																			
20	20 Watt	IP67	Outdoor	120V	24V	4.92 X 1.97 X 0.77	24V	4.92 X 1.97 X 0.77													
40	40 Watt								4.92 X 1.97 X 0.77												
60	60 Watt								4.92 X 1.97 X 0.77												
75	75 Watt								4.92 X 1.97 X 0.77												
96	96 Watt								4.92 X 1.97 X 0.77												

Connectors

CON-T1



Tapelight connector

CON2-JC



Jumper Cable + 2" cable

CON20-JC



Jumper Cable + 20" cable

CON20-PF



Power feed for white tapelight + 20" cable

CON4X4-JC



Jumper cable 4" x 4"

CON8X8-JC



Jumper cable 8" x 8"

Vienna – Pixilation Chart








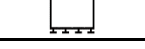















EXTRUSION	+ LENS	V-L90	V-L180	V-L270	V-L400	V-L610	V-L910	V-TW	V-RGB
AA01	AA99-SL	●	●	●	⊖	○	○	●	●
AA02	AA99-SL	●	●	●	⊖	n/a	n/a	●	●
AA03IN	AA99-SL	○	○	○	○	○	n/a	●	⊖
AA03IN	AA99-SL90	○	○	○	○	○	n/a	●	⊖
AA03OUT	AA99-SL	○	○	○	○	○	n/a	●	⊖
AA03OUT	AA99-SL90	○	○	○	○	○	n/a	●	⊖
AA07	AA99-SL	○	○	○	○	n/a	n/a	●	⊖
AG01	AG01-SL	○	○	○	○	○	○	○	○
AL02	AL02-SL	●	●	○	n/a	n/a	n/a	●	●
CT01	CT99-DL	○	○	○	n/a	n/a	n/a	●	⊖
CT02	CT99-DL	○	○	○	n/a	n/a	n/a	●	⊖
CT06	CT99-DL	○	○	○	○	○	n/a	○	⊖
JA01	JA01-SL	⊖	○	○	○	○	○	○	○
JB01	JB01-SLS	○	○	○	○	○	○	○	○
JC01	JC01-SLS	○	○	○	○	○	○	○	○
JD01	JD01-SLS	○	○	○	○	○	○	○	○
JF04	JF04-SL	○	○	○	○	n/a	n/a	○	⊖
JF04	JF04-SL90	○	○	○	○	n/a	n/a	○	⊖
JG04	JG04-SL	○	○	○	○	○	○	○	○
JG04	JG04-SL90	○	○	○	○	○	○	○	○
LA01	LA01-SL	●	●	⊖	○	○	○	●	●
LB03IN	LB03-SL	○	○	○	○	○	n/a	●	⊖
LB03OUT	LB03-SL	○	○	○	○	○	n/a	●	⊖
LC07	LC07-SL	●	●	⊖	○	○	○	●	⊖
PH01	PH99 (PMMA)	○	○	○	○	○	n/a	○	○
PH02	PH99 (PMMA)	○	○	○	○	○	n/a	○	○
PH03	PH99 (PMMA)	○	○	○	○	○	n/a	○	○
UT01	UT01-SL	○	○	○	○	○	○	○	○
VT01	VT01-SL	○	○	○	○	n/a	n/a	○	⊖
VT02	VT02-SL	○	○	○	○	n/a	n/a	○	○
VT03	VT03-SL	○	○	○	○	○	○	○	○
VT04	VT04-SL	○	○	○	○	○	○	○	○
XT01	XT99-DL	○	○	○	○	○	○	○	○
XT01	XT99-SLS	○	○	○	○	○	○	●	●
XT02	XT99-DL	○	○	○	○	○	○	○	○
XT02	XT99-SLS	○	○	○	○	○	○	●	●
YT01	YT99-SL	⊖	⊖	⊖	○	○	n/a	●	●
YT01	YT99-DL	○	○	○	○	○	n/a	○	○
YT02	YT99-SL	⊖	⊖	⊖	○	○	n/a	●	●
YT02	YT99-DL	○	○	○	○	○	n/a	●	○
YT04	YT99-SL	⊖	⊖	⊖	○	n/a	n/a	●	●
YT04	YT99-DL	○	○	○	○	n/a	n/a	○	○
YT05	YT99-SL	○	○	○	○	○	n/a	●	●
YT05	YT99-DL	○	○	○	○	○	n/a	○	○
YT06	YT99-SL	⊖	○	○	○	○	○	○	●
YT06	YT99-DL	○	○	○	○	○	○	○	○
YT07	YT99-SL	○	○	○	○	n/a	n/a	○	●
YT07	YT99-DL	○	○	○	○	n/a	n/a	○	○
WT02	WT02-SL	○	○	○	○	○	○	○	○

Pixilation:













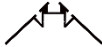





- No
- ⊖ Minor
- Yes
- n/a Not Applicable

Lens:

- SL - Satined Lens
- SLS - Seamless Satined
- SL90 - 90° Satined Lens
- DL - Drop Lens

Extrusion Product Code	Cross Section	L90	L180	L270	L400	L610	L910	RGB	TW	
Recessed										
CT01		✓	✓	✓	✗	✗	✗	✓	✓	
LA01		✓	✓	✓	✓	✓	✓	✓	✓	
XT01		✓	✓	✓	✓	✓	✓	✓	✓	
YT01		✓	✓	✓	✓	✓	✗	✓	✓	
Recessed Flangeless										
AA01		✓	✓	✓	✓	✓	✓	✓	✓	
AG01		✓	✓	✓	✓	✓	✓	✓	✓	
JA01		✓	✓	✓	✓	✓	✓	✓	✓	
JB01		✓	✓	✓	✓	✓	✓	✓	✓	
JC01		✓	✓	✓	✓	✓	✓	✓	✓	
JD01		✓	✓	✓	✓	✓	✓	✓	✓	
LB03IN		✓	✓	✓	✓	✓	✗	✓	✓	
LB03OUT		✓	✓	✓	✓	✓	✗	✓	✓	
Surface Mounted										
AA02		✓	✓	✓	✓	✗	✗	✓	✓	
CT02		✓	✓	✓	✗	✗	✗	✓	✓	
LC07		✓	✓	✓	✓	✓	✓	✓	✓	
YT02		✓	✓	✓	✓	✓	✗	✓	✓	
YT06		✓	✓	✓	✓	✓	✓	✓	✓	
Surface Mounted / Pendant										
AL02		✓	✓	✓	✗	✗	✗	✓	✓	
VT01		✓	✓	✓	✓	✗	✗	✓	✓	
VT02		✓	✓	✓	✓	✗	✗	✓	✓	
XT02		✓	✓	✓	✓	✓	✓	✓	✓	

Vienna – Compatibility

Extrusion Product Code	Cross Section	L90	L180	L270	L400	L610	L910	RGB	TW	
Pendant										
VT03		✓	✓	✓	✓	✓	✓	✓	✓	
VT04		✓	✓	✓	✓	✓	✓	✓	✓	
YT07		✓	✓	✓	✓	✗	✗	✓	✓	
45° / Corner										
JF04		✓	✓	✓	✓	✗	✗	✓	✓	
JG04		✓	✓	✓	✓	✓	✓	✓	✓	
YT04		✓	✓	✓	✓	✗	✗	✓	✓	
Closet rod										
CT06		✓	✓	✓	✓	✓	✗	✓	✓	
Flexible										
YT09		✓	✓	✓	✓	✗	✗	✓	✓	
Ingrade Walkover										
UT01		✓	✓	✓	✓	✓	✓	✓	✓	
Perimeter										
YT05		✓	✓	✓	✓	✓	✗	✓	✓	
Shelf Holder										
AK06		✓	✓	✓	✓	✓	✓	✓	✓	
AM06		✓	✓	✓	✓	✗	✗	✓	✓	
Under-Tile										
AA03IN		✓	✓	✓	✓	✓	✗	✓	✓	
AA03OUT		✓	✓	✓	✓	✓	✗	✓	✓	
AA07		✓	✓	✓	✓	✗	✗	✓	✓	
Outdoor										
TA01		✓	✓	✓	✓	✓	✗	✓	✓	
TA02		✓	✓	✓	✓	✓	✗	✓	✓	
TA03		✓	✓	✓	✓	✓	✗	✓	✓	

CUSTOMIZATION	T20-CUST	TL20-CUST	E20-CUST	E20IP68-CUST
Cutting one run of tapelight to specified length	✓	✓		
Cutting one extrusion, one diffuser, and one tapelight to specified length			✓	
Cutting one extrusion, one diffuser, and one tapelight				✓
Installing the tapelight into the extrusion			✓	✓
Adding strain relief and power feed				✓
Adding strain relief and power feed with heat sink tube			✓	
Mounting end caps			✓	
Mounting and sealing end caps				✓
Solder 4 ft lead wire		✓	✓	✓
Filling extrusion with clear material that makes it 2 ft submersible				✓
Final function and quality inspection		✓	✓	✓