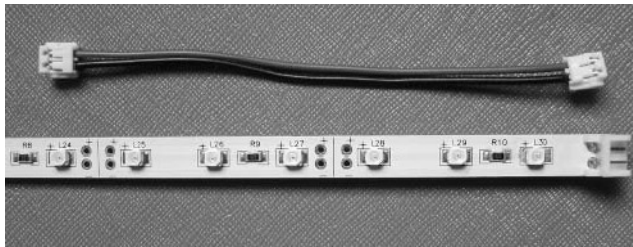


STRIP LIGHT, GREEN COLOR

TLS-SMD-10H-XXX

Features:

- 485mm*8mm SMD strip light (30 LED)
- 1.6mm PCB thickness.
- 12VDC Voltage
- 200mA working current
- Package: 1pcs/PVC tube
- RoHs Compliance



■ Electrical-optical characteristics: (Ta=25) (Test Condition: IF=20mA)

Part Number	Chip			Forward Voltage(VF) Unit:V		Luminous Intensity (Iv) Unit:mcd		Viewing Angle 2θ1/2(deg)
	Emitted Color	Material	λp (nm)	Typ	Max	Min.	Typ.	
				TLS-SMD-10H-UEC	Ultra Orange	AlGaInP	630	
TLS-SMD-10H-UYC	Ultra Yellow	AlGaInP	590	11.5	12.5	400	600	
TLS-SMD-10H-PGC	Ultra Pure Green	InGaN	525	11.5	12.5	700	1000	
TLS-SMD-10H-UBC	Ultra Blue	InGaN	470	11.5	12.5	400	700	
TLS-SMD-10H-UWC	Ultra White	InGaN	/	11.5	12.5	600	1200	

■ Absolute maximum ratings (Ta=25°C)

Parameter	Rating	Unit
Forward Current I _F	200	mA
Power Dissipation P _d	2.4	W
Electrostatic discharge ESD	800	V
Operation Temperature T _{OPR}	-25 to +60	
Storage Temperature T _{STG}	-40 to +80	
Lead Soldering Temperature T _{SOI}	Max.260 ± 5 for 3 sec Max. (1.6mm from the base of the epoxy bulb)	

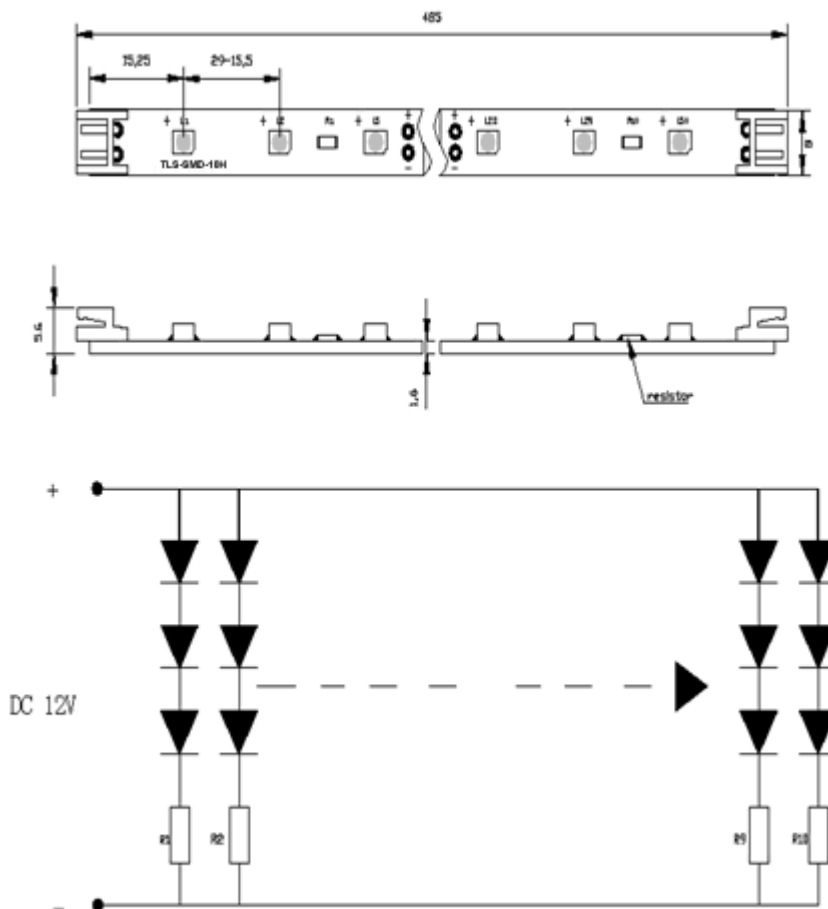
STRIP LIGHT, GREEN COLOR

TLS-SMD-10H-XXX

■ **Electrical-Optical Characteristics (Ta=25°C)**

Parameter	Condition	Min	Typ.	Max	Unit
Forward Voltage DC VF	200mA		12	-	V
Dominant Wavelength λ_D	200mA	470	473	-	nm
Luminous Flux	200mA	-	25	-	lm
Recommend Forward Current IF	-	-	200	-	mA

Package configuration & Internal circuit diagram



Notes:

1. All dimensions are in millimeters (inches)
2. Tolerance is $\pm 1\text{mm}(0.01\text{'})$ unless otherwise noted.
3. Specifications are subject to change without notice.