

**LED STRIP LIGHT, 1W High Power LED Module**

TLS-1W-ML45

**Features:**

- Ø LED strip light, Mono color, 1W high power LED Module
- Ø Dimension: 45\*45\*15mm
- Ø Water proof
- Ø Ultra brightness available
- Ø LED color: Red, Green, Blue, Yellow, white
- Ø LED service life: 50,000-100,000hrs
- Ø Power supply: INPUT: 120VDC
- Ø Application: commercial, residential and industrial environments;
- Ø can be used as backlighting in decoration and advertisement; can be used in illumination devices



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

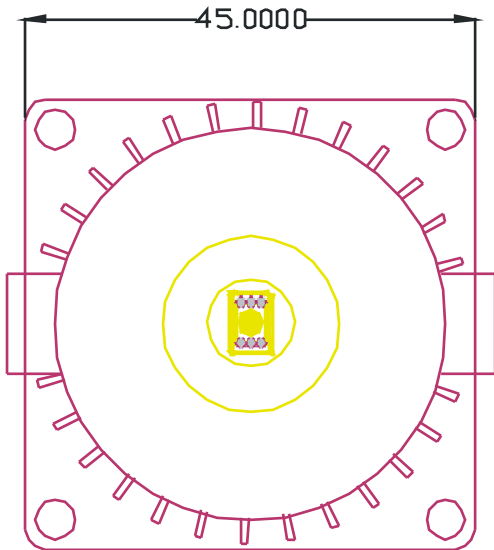
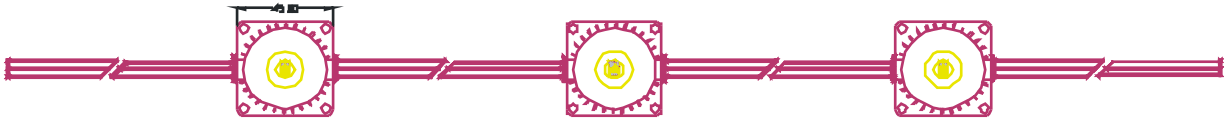
Part Number	Chip		Forward Voltage(VF) Unit:V		Flux Unit:lm @350mA		Viewing Angle 2θ/2 (deg)
	Emitted Color	λ <sub>p</sub> (nm) or CTT	Typ	Max	Min.	Typ.	
TLS-1W-ML45UEC	Ultra Orange	630	11.5	12.5	20	40	140
TLS-1W-ML45UYC	Ultra Yellow	590	11.5	12.5	20	40	
TLS-1W-ML45PGC	Ultra Pure Green	525	11.5	12.5	30	50	
TLS-1W-ML45UBC	Ultra Blue	470	11.5	12.5	20	30	
TLS-1W-ML45UWC	Ultra White	6000k	11.5	12.5	30	65	
TLS-1W-ML45UW2C	Ultra Warm White	3200k	11.5	12.5	20	65	

**Full set of LED strip picture**

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**PCB OUTLINE AND DIMENSION**



**Notes:**

- All dimensions are in millimeters (inches)
- Tolerance is 0.25(0.01")unless otherwise noted.
- Specifications are subject to change without notice.