OptoSupply
Light It Up

110mm Single-ended LED Flexible Filament DC3V

OSFY11007XX-3V

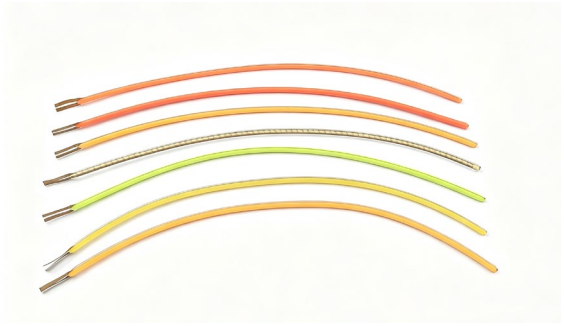
▪Features

- This flexible LED filament is extremely soft and can be bent and folded into different shapes at will
- There are 72pcs of microscopic LED lights inside the rubberized, colorful silicone outer shell
- Operating on DC3V, it emits full-angle 360° light.
- IP Rate: IP20

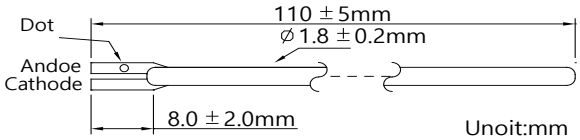
▪Applications

- Indirect accent décor light
- Substitute neon light
- Dioramas
- Dollhouses
- DIY lighting decoration

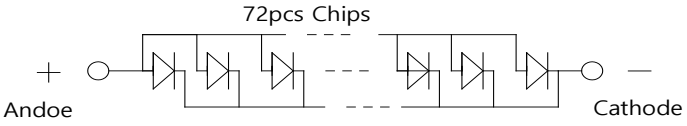
Product Picture



Outline Dimension



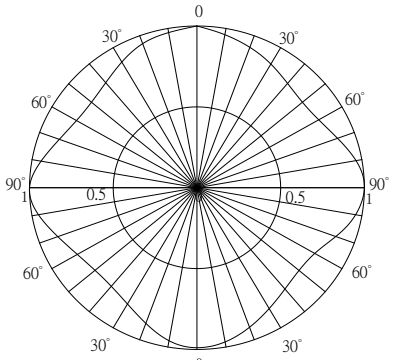
Circuit Diagram



▪Typical Performance (Ta=25℃)

Item	Symbol	Min.	Typ.	Max.	Unit
LED Module Power	Pm	-	0.45	0.66	W
Input Voltage (DC)	Vi	-	3.0	3.3	V
Input Current	If	-	0.15	0.2	A
Beam Pattern	BP	-	360	-	Deg
Operating Temperature	Topr	-10	-	40	℃
Storage Temperature	Tstg	-30	-	55	℃
LED Quantity	QTY	-	72	-	PCS
Total Length	Lmod.	-	110	-	mm

▪Directivity



▪Device Selection Guide

Item No.	Color		CCT(K) / WD (nm)	Luminous Flux / String (Typ.)
OSFY11007M5-3V	Warm White		2500-2700-3000K	52 lm
OSFY11007W4-3V	White		6000-6500-7000K	60 lm
OSFY11007K4-3V	Pink		x:0.47-51, y:0.20-0.24	23 lm
OSFY11007B4-3V	Blue		455-460-465nm	15 lm
OSFY11007G6-3V	Green		535-540-545nm	58 lm
OSFY11007Y5-3V	Yellow		585-590-595nm	45 lm
OSFY11007R4-3V	Red		615-620-625nm	14 lm