

## eSUN Filament 3D PLA Luminous Rainbow Multicolor 1.75mm 1kg

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**SKU:** EsunSilkLRM-3DW879HJFC39Q

**Price:** 349.00 DH

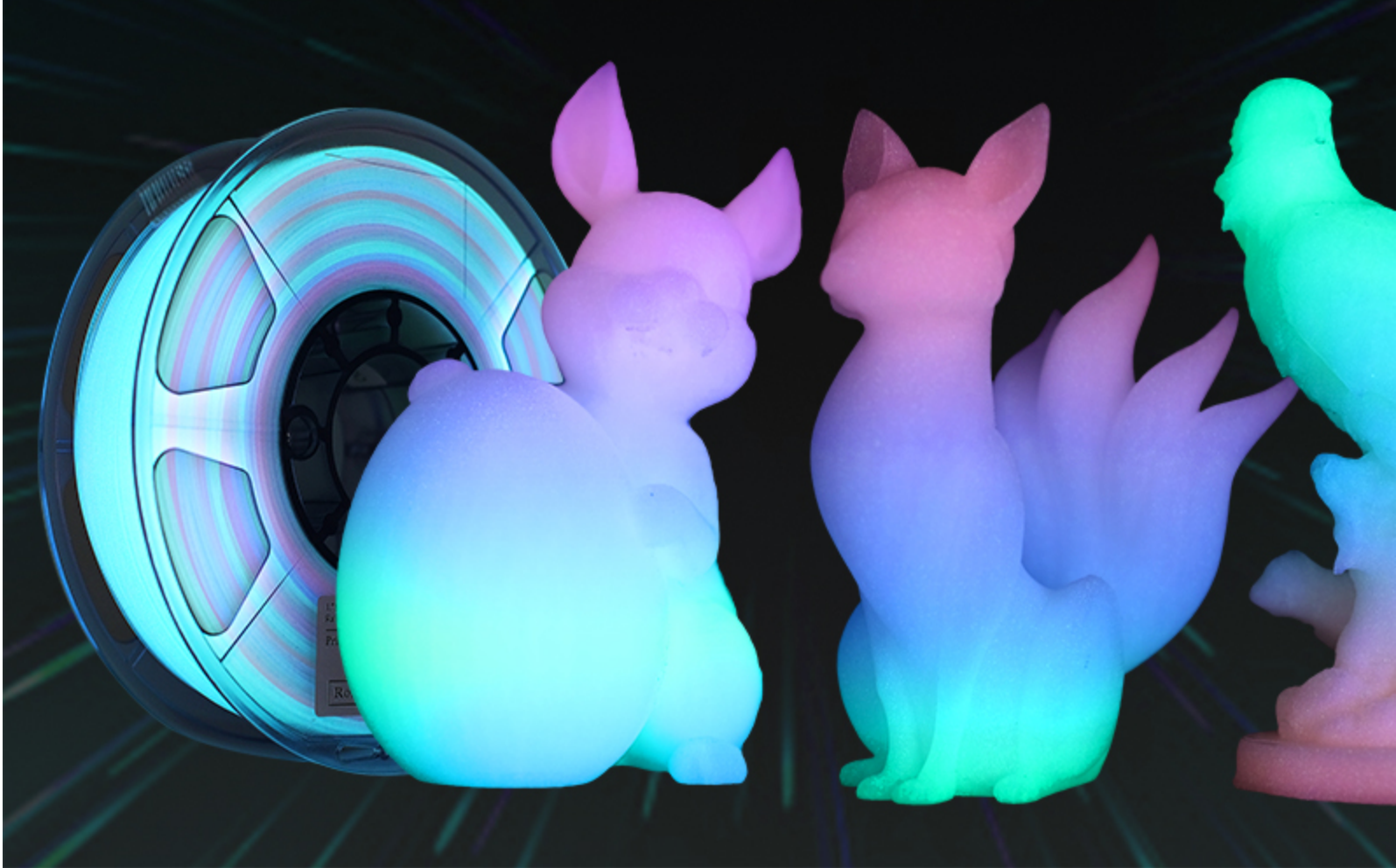
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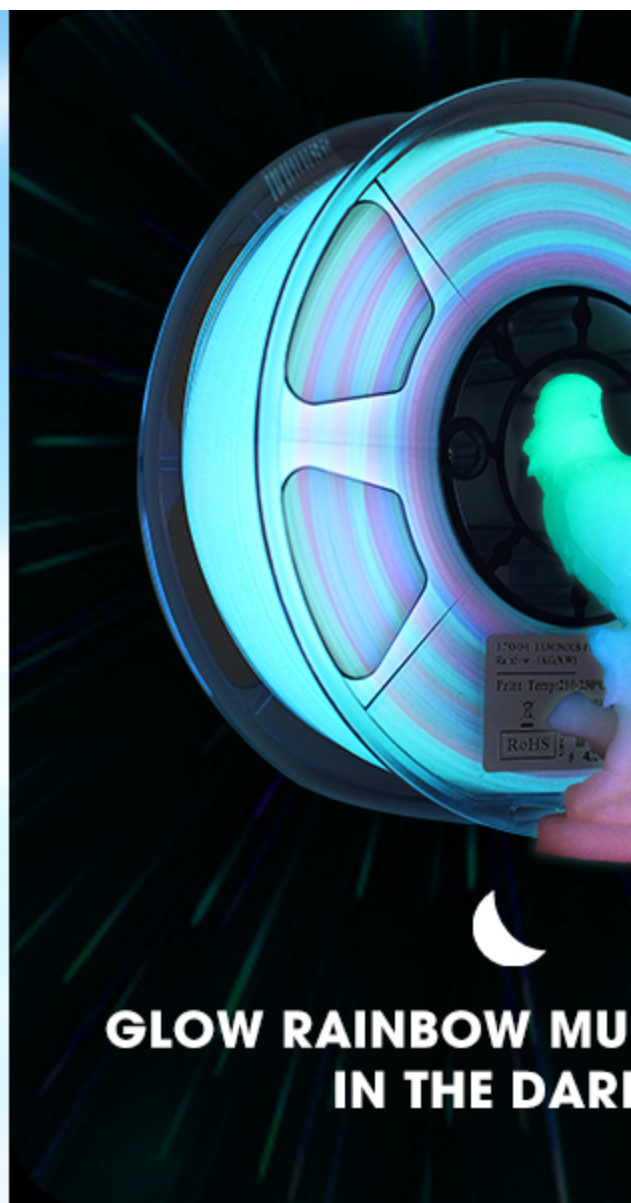
**Categories:** [PLA](#), [PLA+](#), [Special](#), [Filaments 3D](#), [Filament PLA](#)

**Tags:** [3d](#), [fdm](#), [Filament](#), [pla](#), [silk](#)

### Product Description

# eSUN PLA Glow in the Dark Rainbow





## **eSUN PLA Luminous Rainbow 3D Printer Filament, 1.75mm 1KG Spool Multicolor Change Glow in The Dark PLA for 3D Printers,Luminous Rainbow Color**

What is PLA Glow in the Dark Rainbow Material?

- PLA Glow in the Dark Rainbow adds multicolored and gorgeous luminous rainbow appearance effect based on ordinary PLA. Gradually multicolors make your prints more eye-catching and unique.
- Luminous PLA contains phosphorescent materials that glow in the dark after absorbing light energy. Glowing effect is stronger when exposed to UV light. Please notice that this type of filaments should avoid long-time direct sunlight exposure.

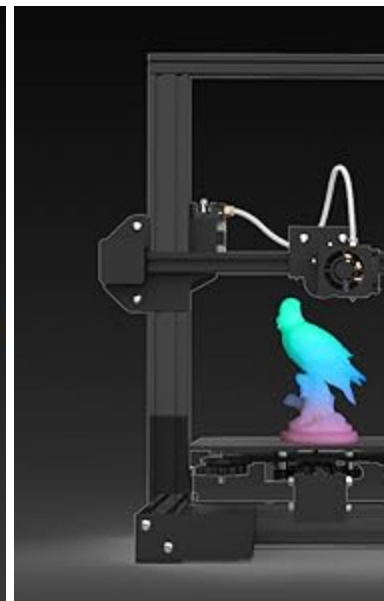
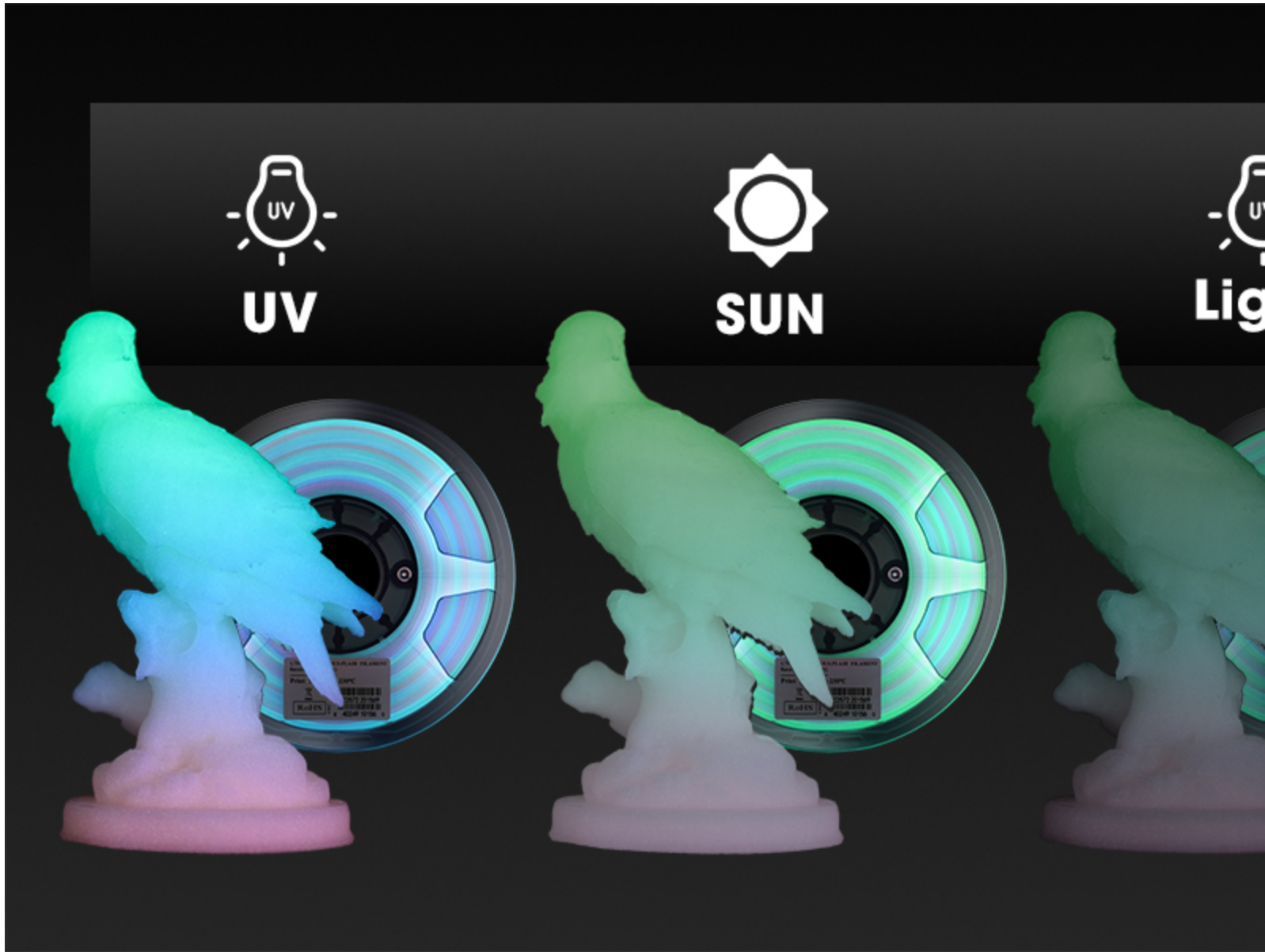
### Specification of PLA Glow in the Dark Rainbow:

- Material: PLA (Polylactic Acid)
- Diameter & Weight: 1.75mm 1KG
- Color: Luminous Rainbow Multicolor

### Recommended Printing Parameters:

- Printing Temperature: 210-230°C (Recommended Temperature 215°C)
- Bed Temperature: 45-60°C
- Fan Speed: 100%
- Printing Speed: 40-100mm/s
- Recommended Heated Build Platform: Textured Paper, PVP Solid Glue, Glass Platform, Carbon Fiber Platform, PEI





**Safe to Use:**

- Made with starch raw materials derived from renewable plant resources, non-toxic and low odor, no harm to user and environment.
- Select Green, Blue, Blue-Purple, Pink as the main color, color changes every 15-20 meters.

**Luminous Rainbow Multicolor:**

- PLA Glow in the Dark Rainbow 3D printer filament is white in the day, then glow rainbow multicolored in the dark place.
- UV light or Sunlight for 30 minutes can create an amazing glowing effect.

**High Compatibility:**

- The models printed in the Dark Rainbow choice as gifts for Christmas, Halloween, Valentine's Day.
- Widely used in art, anime, toys, sculpture, clothing and so on.

**PLA Glow in the Dark Rainbow Physical Parameter**

Density (g/cm <sup>3</sup> )	1.2	Elongation at Break (%)	
Tensile Strength (MPa)	72	IZOD Impact Strength (kJ/m <sup>2</sup> )	
Flexural Strength (MPa)	90	Melt Flow Index (g/10min)	3.5 (
Flexural Modulus (MPa)	1915	Heat Distortion Temperature	53 (



Gorgeous Luminous Rainbow Appearance

Stable Dimensional Tolerance

High Tensile Strength  
Minimal Shrinkage

No Over  
No Clog

Little Odor

No Clogging

Minimal Warping

No Tangling

Vacuumed Sealed Packaging:

- Antioxidants + Vacuum Packaging + Product Manual
- eSUN filament comes in a sealed vacuum bag with desiccant bag, easily keep your 3D printer filament at an optimal storage condition and free from dust or dirt.

How to Storage:

1. If you are going to leave your printer inactive for more than a couple of days, please retract the filament to protect your printer nozzle.

- 2. In order to extend the life of your filament, please place the unsealing filament back to original vacuum bag and stock it in a cool and dry place after print.
- 3. When storing your filament, please feed the loose end through the holes on the edge of the filament reel to avoid winding, so that it feeds properly when you use it next time.

Please Notice:

- Luminous effect is directly related to the intensity of the light source and the lighting time. The effect of UV is better than sunlight, the effect of sunlight is better than ordinary light. The longer the irradiation time, the better the luminous effect.
  - PLA Glow in the Dark Rainbow might wear nozzles and extruder gears, it is recommended to use hardened steel nozzles or ruby nozzles, hardened steel extruder gears will be better. If clogging occurs during long time printing, please try to replace the throat tube and nozzle.
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