

## Lamphills Features of Top TV Brands Checklist

### Display Quality

1. Resolution:
  - 4K (Ultra HD)
  - 8K
  - Full HD (1080p)
  - HD (720p)
2. Display Technology:
  - OLED
  - QLED
  - LED
  - Mini-LED
  - Micro-LED
3. HDR Support:
  - HDR10
  - Dolby Vision
  - HDR10+
  - HLG (Hybrid Log-Gamma)
4. Refresh Rate:
  - 60Hz
  - 120Hz
  - Variable Refresh Rate (VRR)

### Smart TV Features

1. Operating System:
  - Android TV
  - Roku TV
  - webOS
  - Tizen

- Fire TV
2. Voice Control Integration:
    - Google Assistant
    - Amazon Alexa
    - Apple Siri (via HomeKit)
  3. App Support:
    - Streaming services (Netflix, Hulu, Amazon Prime, Disney+, etc.)
    - App store for additional apps
  4. User Interface:
    - Easy navigation
    - Customizable home screen

## Audio Quality

1. Built-in Speakers:
  - Speaker wattage
  - Number of channels (e.g., 2.0, 2.1, 5.1)
2. Audio Enhancement Technologies:
  - Dolby Atmos
  - DTS
3. Connectivity for External Audio:
  - HDMI ARC/eARC
  - Optical audio out
  - Bluetooth audio

## Connectivity

1. HDMI Ports:
  - Number of ports
  - HDMI 2.1 support
2. USB Ports:
  - Number of ports

- USB 3.0 support
- 3. Wireless Connectivity:
  - Wi-Fi
  - Bluetooth
- 4. Ethernet Port
- 5. Other Inputs/Outputs:
  - Component/Composite inputs
  - 3.5mm audio jack

## **Design and Build**

1. Bezel Design:
  - Thin bezels
  - Edge-to-edge display
2. Build Quality:
  - Premium materials (e.g., metal vs. plastic)
  - Sturdy stand or wall-mount compatibility
3. Thickness:
  - Slim profile for wall mounting

## **Gaming Features**

1. Low Input Lag
2. Auto Low Latency Mode (ALLM)
3. Game Mode
4. G-Sync/FreeSync Support