

LG - OLED77B4PU* : OLED77B4PU*

Application: Display Type: Display Type: Display Type: Display Type: Display Type: Display Type: DISPLAY Technology TYPE:	Specifications	
Brand Name: Model Number: Model Name: Application: Display Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Display Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Technology Type: Backlight Resolution (pixels): Baklight Contrast Ratio (HCR) Display: Baklight Schart, Wake-On-Cast Compatibility, Control Via Remote Control App, Control Via Smart Speaker, Automatic Brightness Control, User Adjustable Backlight Baklight Schart, Wake-On-Cast Compatibility, Control Via Remote Control App, Control Via Smart Speaker, Automatic Brightness Control, User Adjustable Backlight Baklight Schart, Wake-On-Cast Compatibility, Control Via Remote Control App, Control Via Smart Speaker, Automatic Brightness Control, User Adjustable Backlight Baklight Schart, Wake-On-Cast Compatibility, Control Via Remote Control App, Control Via Smart Speaker, Automatic Brightness Control, User Adjustable Backlight Baklight Schart, Wake-On-Cast Compatibility, Control Via Remote Control App, Control Via Smart Speaker, Automatic Brightness Control, User Adjustable Backlight Baklight Schart, Wake-On-Cast Compatibility, Control Via Remote Control App, Control Via Smart Speaker, Automatic Brightness Control App, Control Via Smart Speaker, Automatic Brightness Control App, Control Via Smart Speaker, Automat	FNERGY STAR Unique ID:	31/13234
Model Number: Model Name: OLED77B4PU* Consumer OLED Backlight Technology Type: OLED Backlight Technology Type: Resolution Format: Native Vertical Resolution (pixels): High Contrast Ratio (HCR) Display: Automatic Brightness Control Enabled by Default SDR Preset Picture Setting When Television is Shipped?: Low Power Wireless Technologies Supported: Reported Annual Energy Consumption (kWh): Power Consumption in Standby Mode when Not Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Reported On Mode Power (per the Federal Test Procedure) (watts): Reported On Mode Power (per the Federal Test Procedure) (watts): Reported On Mode Power (per the Federal Test Page Application (watts): Procedure) (watts): Consumption in Standby Mode when Conceded to a Network (watts): Reported On Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mode Power (per the Federal Test Procedure) (watts): Consumption Mod	•	
Model Name: Application: Consumer OLED Display Type: Backlight Technology Type: OLED Resolution Format: AK (UHD) Native Vertical Resolution (pixels): High Contrast Ratio (HCR) Display: Automatic Brightness Control: St Automatic Brightness Control: Automatic Brightness Control: Setting When Television is Shipped?: Low Power Wireless Technologies Supported: Reported Annual Energy Consumption (kWh): Power Consumption in Standby Mode when Not Connected to a Network (watts): Reported On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts): Reported On Mode Power (per the Federal Test Procedure) (watts): OLED OLED Consumer OLED Consumer OLED OLED		
Application: Display Type: Display Type: Display Type: Display Type: Display Type: Display Type: DISPLAY Technology TYPE:	Model Name:	
Display Type: Backlight Technology Type: OLED Backlight Technology Type: OLED Resolution Format: AK (UHD) Native Vertical Resolution (pixels): Native Horizontal Resolution (pixels): Native Horizontal Resolution (pixels): High Contrast Ratio (HCR) Display: Yes Automatic Brightness Control: SA Automatic Brightness Control Enabled by Default in the Default SDR Preset Picture Setting When Television is Shipped?: Low Power Wireless Technologies Supported: Reported Annual Energy Consumption (kWh): Power Consumption in Standby Mode when Not Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Reported On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts):		
Backlight Technology Type: OLED Resolution Format: 4K (UHD) Native Vertical Resolution (pixels): 2160 Native Horizontal Resolution (pixels): 3840 High Contrast Ratio (HCR) Display: Yes Automatic Brightness Control: Yes Is Automatic Brightness Control Enabled by Default in the Default SDR Preset Picture Setting When Television is Shipped?: Low Power Wireless Technologies Supported: Bluetooth Features: Quick Start, Wake-On-Cast Compatibility, Control Via Remote Control App, Control Via Smart Speaker, Automatic Brightness Control, User Adjustable Backlight Reported Annual Energy Consumption (kWh): 263.0 Power Consumption in Standby Mode when Not Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts):		
Resolution Format: 4K (UHD) Native Vertical Resolution (pixels): 2160 Native Horizontal Resolution (pixels): 3840 High Contrast Ratio (HCR) Display: Yes Automatic Brightness Control: Yes Is Automatic Brightness Control Enabled by Default in the Default SDR Preset Picture Setting When Television is Shipped?: Bluetooth Features: Quick Start, Wake-On-Cast Compatibility, Control Via Remote Control App, Control Via Smart Speaker, Automatic Brightness Control, User Adjustable Backlight Reported Annual Energy Consumption (kWh): 263.0 Power Consumption in Standby Mode when Not Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test 142.8 Procedure) (watts):		OLED
Native Vertical Resolution (pixels): Native Horizontal Resolution (pixels): Native Horizontal Resolution (pixels): Selection (HCR) Display: Automatic Brightness Control: Selecting Brightness Control: No Default in the Default SDR Preset Picture Setting When Television is Shipped?: Low Power Wireless Technologies Supported: Reported Annual Energy Consumption (kWh): Reported Annual Energy Consumption (kWh): Power Consumption in Standby Mode when Not Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts):	Resolution Format:	
Native Horizontal Resolution (pixels): Automatic Brightness Control: Sautomatic Brightness Control Enabled by Default in the Default SDR Preset Picture Setting When Television is Shipped?: Low Power Wireless Technologies Supported: Bluetooth Features: Quick Start, Wake-On-Cast Compatibility, Control Via Remote Control App, Control Via Smart Speaker, Automatic Brightness Control, User Adjustable Backlight Reported Annual Energy Consumption (kWh): 263.0 Power Consumption in Standby Mode when Not Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts):	Native Vertical Resolution (pixels):	· · ·
High Contrast Ratio (HCR) Display: Automatic Brightness Control: Setting When Television is Shipped?: Low Power Wireless Technologies Supported: Reported Annual Energy Consumption (kWh): Power Consumption in Standby Mode when Not Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts): Reported On Mode Power (per the Federal Test Procedure) (watts):		
Automatic Brightness Control: Is Automatic Brightness Control Enabled by Default in the Default SDR Preset Picture Setting When Television is Shipped?: Low Power Wireless Technologies Supported: Bluetooth Features: Quick Start, Wake-On-Cast Compatibility, Control Via Remote Control App, Control Via Smart Speaker, Automatic Brightness Control, User Adjustable Backlight Reported Annual Energy Consumption (kWh): 263.0 Power Consumption in Standby Mode when Not Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts):	/	Yes
As Automatic Brightness Control Enabled by Default in the Default SDR Preset Picture Setting When Television is Shipped?: Low Power Wireless Technologies Supported: Bluetooth Quick Start,Wake-On-Cast Compatibility,Control Via Remote Control App,Control Via Smart Speaker,Automatic Brightness Control,User Adjustable Backlight Reported Annual Energy Consumption (kWh): Power Consumption in Standby Mode when Not Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts):		Yes
Quick Start, Wake-On-Cast Compatibility, Control Via Remote Control App, Control Via Smart Speaker, Automatic Brightness Control, User Adjustable Backlight Reported Annual Energy Consumption (kWh): Power Consumption in Standby Mode when Not Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts):	Is Automatic Brightness Control Enabled by Default in the Default SDR Preset Picture Setting When Television is Shipped?:	No
App,Control Via Smart Speaker,Automatic Brightness Control,User Adjustable Backlight 263.0 Power Consumption in Standby Mode when Not Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts): 142.8	Low Power Wireless Technologies Supported:	Bluetooth
Power Consumption in Standby Mode when Not Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts): 142.8	Features:	App,Control Via Smart Speaker,Automatic Brightness Control,User
Not Connected to a Network (watts): Power Consumption in Standby Mode when Connected to a Network (watts): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts): 142.8	Reported Annual Energy Consumption (kWh):	263.0
Connected to a Network (watts): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test 142.8 Procedure) (watts):	Power Consumption in Standby Mode when Not Connected to a Network (watts):	0.3
Certification (watts): Reported On Mode Power (per the Federal Test 142.8 Procedure) (watts):	Power Consumption in Standby Mode when Connected to a Network (watts):	0.4
Procedure) (watts):	Average On Mode Power Consumption for Certification (watts):	142.8
	Reported On Mode Power (per the Federal Test Procedure) (watts):	142.8
Measured Standby Mode Power (Watts): 0.4	Measured Standby Mode Power (Watts):	0.4
Diagonal Viewable Screen Size (in.): 76.7	Diagonal Viewable Screen Size (in.):	76.7
Date Certified: 2023-12-21	Date Certified:	2023-12-21
Markets: United States	Markets:	United States
ENERGY STAR Certified: Yes	ENERGY STAR Certified:	Yes

Additional Model Information

OLED77B4AU*,OLED77B4AU*,OLED77B4AU* is the same as OLED77B4PU* except for model designation.* may be any alphanumeric according to color of stand or enclosure; OLED77B4EU*,OLED77B4EU*,OLED77B4EU* is the same as OLE D77B4PU* except for model designation.* may be any alphanumeric according to color of stand or enclosure

UPC Codes

195174077214, 195174077221

Captured On: 05/21/2025