



**Samsung
UN40EH5000F**

Award Region: North America

**Award Category:
Commercially available, medium-size flat-panel televisions
(29 inches to less than 42 inches)**

Product Details	
Nominal Diagonal Screen Size (cm)	101.61
Nominal Diagonal Screen Size (in)	40
Viewable Screen Width (cm)	88.56
Viewable Screen Height (cm)	49.82
Nominal Screen Area (cm ²)	4411.62
Passive Standby Power (W)	0.17
On-Mode Power (W)	44.0
Minimum Energy Performance Claim in On Mode (W/cm ²)	0.01
ENERGY STAR Qualification	
Luminance in Brightest Picture Mode (cd/m ²)	240
Name of Recommended Home Viewing Picture Mode	Standard
Luminance in Recommended Home Viewing Picture Mode (cd/m ²)	180
Nominal Aspect Ratio	16:9
Screen and Backlight Technology	LCD with LED backlight
Lines of Vertical Resolution	1080p