

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2013

| INFORMATION                                                                         |                            | Value         | Unit            |
|-------------------------------------------------------------------------------------|----------------------------|---------------|-----------------|
| 1. Supplier name or trademark                                                       |                            | Samsung       |                 |
| 2. Model identifier                                                                 |                            | QE55Q90TAT    |                 |
| 3. Energy Efficiency Class for Standard Dynamic Range (SDR)                         |                            | G             |                 |
| 4. On mode power demand for Standard Dynamic Range (SDR)                            |                            | 186           | W               |
| 5. Energy Efficiency Class for High Dynamic Range (HDR)                             |                            | G             |                 |
| 6. On mode power demand in High Dynamic Range (HDR) mode                            |                            | 218           | W               |
| 7. Off mode, power demand                                                           |                            | n.a.          | W               |
| 8. Standby mode power demand                                                        |                            | 0,5           | W               |
| 9. Networked standby mode power demand                                              |                            | 2,0           | W               |
| 10. Electronic display category                                                     |                            | Television    |                 |
| 11. Size ratio                                                                      |                            | 16 : 9        |                 |
| 12. Screen resolution (pixels)                                                      |                            | 3 840 x 2 160 | pixels          |
| 13. Screen diagonal                                                                 |                            | 138,0         | cm              |
| 14. Screen diagonal                                                                 |                            | 55            | inches          |
| 15. Visible screen area                                                             |                            | 8 230,1       | cm <sup>2</sup> |
| 16. Panel technology used                                                           |                            | QLED LCD      |                 |
| 17. Automatic Brightness Control (ABC) available                                    |                            | No            |                 |
| 18. Voice recognition sensor available                                              |                            | No            |                 |
| 19. Room presence sensor available                                                  |                            | No            |                 |
| 20. Image refresh frequency rate                                                    |                            | 120           | Hz              |
| 21. Minimum guaranteed availability of software and firmware updates (until):       |                            | 31 03 2029    |                 |
| 22. Minimum guaranteed availability of spare parts (until)                          |                            | 31 03 2029    |                 |
| 23. Minimum guaranteed product support (until)                                      |                            | 31 03 2029    |                 |
| 24. Power supply type:                                                              |                            | Internal      |                 |
| i External standardised power supply (included in the product box)                  | Standard name              | -             |                 |
|                                                                                     | Input voltage              | -             | V               |
|                                                                                     | Output voltage             | -             | V               |
| ii External standardised suitable power supply (if not included in the product box) | Standard name              | -             |                 |
|                                                                                     | Required output voltage    | -             | V               |
|                                                                                     | Required delivered current | -             | A               |
|                                                                                     | Required current frequency | -             | Hz              |