

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2013

| INFORMATION   |                            | Value         | Unit            |
|---|----------------------------|---------------|-----------------|
| 1. Supplier name or trademark   |                            | Samsung       |                 |
| 2. Model identifier   |                            | U28E590D      |                 |
| 3. Energy Efficiency Class for Standard Dynamic Range (SDR)                         |                            | G             |                 |
| 4. On mode power demand for Standard Dynamic Range (SDR)                            |                            | 38,0          | W               |
| 5. Energy Efficiency Class for High Dynamic Range (HDR)                             |                            | n.a.          |                 |
| 6. On mode power demand in High Dynamic Range (HDR) mode                            |                            | n.a.          | W               |
| 7. Off mode, power demand   |                            | 0,3           | W               |
| 8. Standby mode power demand  |                            | 0,3           | W               |
| 9. Networked standby mode power demand  |                            | n.a.          | W               |
| 10. Electronic display category   |                            | Monitor       |                 |
| 11. Size ratio  |                            | 16 : 9        |                 |
| 12. Screen resolution (pixels)  |                            | 3 840 x 2 160 | pixels          |
| 13. Screen diagonal   |                            | 70,0          | cm              |
| 14. Screen diagonal   |                            | 28            | inches          |
| 15. Visible screen area   |                            | 2 096,1       | cm <sup>2</sup> |
| 16. Panel technology used   |                            | LED 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  |                            | 60            | 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:  |                            | External      |                 |
| 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              |