

Product Data Sheet

VDE

Neo QLED
8K Television

Picture of the product

03/2025
Tested
✓ HDR Brightness Accuracy
www.VDEInfo.com
ID. 40058836
Tested by VDE Germany

VDE Testing and Certification Institute

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Basis of assessment

Performance characteristics

According to: IDMS 1.2 May 22, 2023

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Specifications

Manufacturer

SAMSUNG ELECTRONICS Co.,Ltd.
Visual Display division Global PM Group
129 Samsung-ro, Yeongtong-gu, 443-742 SUWON-SI,
South Korea

Trademark

Model / Type series

Series QN990C; QN9*0D; QN8*0D; QN990F; QN900F
****QN9(8)*0F(C,D)(Z)****; ****QNF(D)9*0****
1st „**“ = QN: USA/South America
KQ: Korea (QND)
QE: EU/CIS
QA: Asia/Africa/China(Z)/Taiwan
GQ: Germany
TQ: France/Spain/Nordic
2nd „**“ = Display size [inch]
3rd „*“ = 0 – 9, A-Z: Classification Basic Exclusive
4th „****“ = A – Z, Blank: Feature; Region

Screen sizes [inch]

65, 75, 85, 98

Software version

Model / MODELE NO. : QN65QN990FF
Model Code : QN65QN990FFXZA
Type No. : QN65QN990F
Typical power : 310W
AC110-120V~50/60Hz 430W
Samsung Electronics America, Inc.
85 Challenger Road Ridgefield Park, NJ 07660
MFD./FABRIQUE: DECEMBER 2024
MADE IN KOREA(SEC)
FABRIQUE AU CORÉE(SEC)
HECHO EN COREA(SEC)
Version No. : XXXX / XXXXXXXX / XXXXXXXXXX / XXX
S/N : XXXXXXXX
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Contains Tx FCC ID:A3LWCF940M
Contains Tx FCC ID:A3LWIC212S
UL logo
CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
WARNING: TO PREVENT FIRE OR SHOCK HAZARD
DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE
AVIS : RISQUE DE CHOC ELECTRIQUE - NE PAS OUVRIR

Model / MODELE NO. : QN65QN990FF
Model Code : QN65QN990FFXZA
Type No. : QN65QN990F
Typical power : 310W
DC55V --- 335W
MFD./FABRIQUE: JANUARY 2025
MADE IN KOREA(SEC)
FABRIQUE AU CORÉE(SEC)
HECHO EN COREA(SEC)
Version No :
XXXX / XXXXXXXX / XXXXXXXXXX / XXX
S/N : XXXXXXXX
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Samsung Electronics America, Inc.
85 Challenger Road Ridgefield Park, NJ 07660
Contains Tx FCC ID:A3LWCD940M
Contains Tx FCC ID:A3LWCF931M
Contains Tx FCC ID:A3LWID210S
Indoor Use only.
CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
WARNING: TO PREVENT FIRE OR SHOCK HAZARD
DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE
AVIS : RISQUE DE CHOC ELECTRIQUE - NE PAS OUVRIR

Evaluation

Scope of assessment:

Accumulated ΔEOTF Curve (Normalized code value) ≤0.2 under 1000 nit (0.75)
PQ EOTF Tracking (HDR10). Reference 10,000 nit PQ curve. HDR PQ Encoding with Max 1,000 nit

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Important note:

This special certificate is only the evidence of the product properties. Safety assessments are not part of this certification. The fulfillment of the required basic protection requirements of relevant EU directives must be ensured by the manufacturer or the distributor.

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Tested and positively evaluated

Offenbach, 2025-05-23 Rev.2