

Technical Documentation

Regulation (EU) 2017/1369, (EC) No 642/2009, (EC) No 1275/2008

Manufacturer: Loewe Technology GmbH, Industriestraße 11, 96317 Kronach, Germany

a) General Description:

Product: **Colour Television Receiver with OLED Flat Panel Display**
Product identification: **bild v.55 60411*50** (* Letter for colour variant)

b) Reference to standards applied or used

On-Mode: EN 62087 2016
On Average with three vertical bar signal (3.2.1.3)
for EN 60107-1:1998

Networked Standby/Standby/Off- Mode: EN 50564:2011
Accumulated Energy Approach
Switching on /off with remote control into standby mode.

c) Specific precautions:

no specific precautions necessary, for general conditions see document „Instruction manual“

d) Measured technical parameters:

Power consumption (P) at on-mode (Home-mode)	114 W
Luminance at Home-mode (L_{HM})	171 cd/m²
Luminance maximal (L_{max})	260 cd/m²
Power consumption at standby	0,36 W
Power consumption at networked standby (WoWLAN/LAN)	1,07 W
Power consumption at off-mode	0,00 W
Visible screen diagonal	139 cm / 55 inches
Visible screen area (A)	82,30 dm²
Automatic power down	4 h

e) Calculation

Luminance ratio (L_{HM} / L_{max}) :	66 %
$P_{ref} = P_{basic} + A \times 4,3224$	383,7 W
$P_{basic} = 28 W$ (televisions with two or more tuners)	
$P_{abc} = P - 5\%$ (televisions with automatic brightness control)	108,3 W
EEl (P_{abc} / P_{ref}) / Energy efficiency class	0,282 / A
Annual on-mode energy consumption E (= $1,46 \times P_{abc}$):	158 kWh

f) Testing conditions:

Art.-No. / Ser.-No	Software Version	Ambient temperature	Test voltage	Frequency	THD	Input signal
60411D50 / 501	6.2.10.0	22°C	230 V	50 Hz	2%	HDMI

Used test equipment: ZES Zimmer LMG 95 Precision Power Meter, Minolta LS-110
luminance meter, Video content for EN 62087:2016 on BluRay

Issuer: Loewe Technology GmbH

Place, Date: Kronach, den 09.10.2020

Legally binding signature: _____



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