

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 LCD Flat Panel Display**
Product identification: **bild 2.43 58421*80** (* 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)	74,0 W
Luminance at Home-mode (L_{HM})	250 cd/m²
Luminance maximal (L_{max})	362 cd/m²
Power consumption at standby	0,26 W
Power consumption at networked standby (WoWLAN)	0,95 W
Power consumption at off-mode	0,00 W
Visible screen diagonal	108 cm / 43 inches
Visible screen area (A)	49,83 dm²
Automatic power down	4 h

e) Calculation

Luminance ratio (L_{HM} / L_{max}) :	69 %
$P_{ref} = P_{basic} + A \times 4,3224$	239 W
$P_{basic} = 24 \text{ W}$ (televisions with two or more tuners)	
$P_{abc} = P - 5\%$ (televisions with automatic brightness control)	70,3 W
EEI (P_{abc} / P_{ref}) / Energy efficiency class	0,294 / A
Annual on-mode energy consumption E (= $1,46 \times P_{abc}$):	103 kWh

f) Testing conditions:

Art.-No. / Ser.-No.	Software Version	Ambient temperature	Test voltage	Frequency	(THD)	Input signal
58411W80 / 505	6.0.15.0	20°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 Technolgy GmbH

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Legally binding signature: _____

Name:



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