



technical specifications

lenticular 3D filter for 43" panel

F430UHDLMA80175A

Rev. 1.0 / 05.06.2019

records of revision

revision	date	revised	note
1.0	2019-06-05	Sigwart	initial release

1 General

The F430UHDLMA80175A is a passive 3D filter element that needs to be attached to landscape-format aligned 43" 4K LCD-panel in order to enable glasses-free 3D visualization, if the display is used with specially prepared 3D content. This filter has been specially developed for the LCD panels listed below.

2 Filter specifications

Parameter	Value (approx.)	Unit	Note
outer dimensions	947 x 530 x 3,1	mm	W x H x T
weight	3700	gram	-
filter structure	LoG (Lense on Glass)		<i>F430UHDLMA80175A</i>
<i>substrate material</i>	<i>3,0mm glass</i>	-	-
<i>lenses characteristics</i>	<i>lenticular microlens array with aperture</i>	-	<i>F430UHDLMA80175A</i>
<i>lens orientation</i>	<i>dextral slanted</i>	-	<i>F430UHDLMA80175A</i>
number of 3D views	8	-	<i>F430UHDLMA80175A</i>
optimal 3D viewing distance	175	cm	<i>F430UHDLMA80175A</i>
width of each 3D zone	45	cm	measured in optimal viewing distance
designated filter direction	lens surface towards user (2U)	-	-
designated GAP distance filter <-> panel	0,3	mm	relates to substrate surface (3,3mm to lenticular layer)
designated bonding technology	full / optical bonding	-	-
designated panel orientation	landscape format	-	-

3 Compatible LCD panels

SONY 4k Public Display	-	-	-
FW43BZ35F	-	-	-
-	-	-	-

Certain other 43" UHD panels might also work properly with this filter, but have not been tested.

4 MPV 3D Player configuration

If the modified panel / display will be used with 3D Global's MPV 3D Player, please use the configuration file with

config code

A80

For other than the above listed panel types, another config code might be suitable.

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