Technical Data

GENERAL DATA

Frequency	
Case color	
Power consumption (typical) [in watts]	
Area of application	Video & Graphics
Maximum Power Consumption [in watts]	
Areas of application	
Max. Power consumption in stand-by mode [in watts]	
Power consumption with power switch turned off	0
Space requirements	
Energy efficiency class	E
EAN	4995047063650
Energy consumption/1000h [in kWh]	18
Power supply	AC 100-240V, 50/60Hz
Max USB Power Delivery [in Watt]	92

SCREEN

Screen size [in cm]	68,5
Format	16:9

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	638 x 416-571 x 245
Dimensions (width x height) [in mm]	597 x 336
Weight (incl. stand) [in kg]	9,4
Ideal and recommended resolution	2560 x 1440
Dimension drawing (PDF)	Dimension drawing (PDF)
Pixel pitch [in mm]	0,233 x 0,233
Rotatability of the stand [in °]	344
Tiltability forwards/backwards [in °]	5 / 35
Pivot between portrait / landscape	
Height-adjustable stand	
Panel technology	IPS (Wide Gamut)
Max viewing angle horizontal	178
Max viewing angle vertical	178

CERTIFICATIONS & LABELS

	TÜV/Color Accuracy (Quick Stability), FograCert, EPA TCO Certified Displays 8, PSE, VCCI-B, CE, RCM, PSB, cURus, FCC-B, IC, CCC, RoHS, WEEE, ChinaRoHS, COC, EAC
Number of colors or greyscale	

SOFTWARE & ACCESSORIES

Color space	AdobeRGB (>99%), DCI P3 (>98%), ISO Coated V2 (>95%), Rec709 (100%), EBU (100%), SMPTE-C (100%)
Accompanying software and other available solutions	ColorNavigator, Color Navigator Network
Scope of delivery	Calibration report, Signal cable HDMI - HDMI, USB cable USB-C / USB-C / USB-A, cable type A - type B, monitor hood, Power cord, Quick guide
Recommended brightness [in cd/m²]	120
Max dark room contrast (typical)	1600:1
Response time grey/grey alternation (typical) [in ms]	
Max. refresh rate [in Hz]	60
Backlight	LED

WARRANTY & OPERATION

	...rs for unit and LCD module up to 30,000 opera... ...chever comes first.
Hardware calibration of brightness and luminance	...of 6500 K to 6500 K is guaranteed for a period ...up to 10,000 operating hours, whichever comes ...ixel defects guarantee: no fully illuminated ...sub-pixels (sub-pixels ISO 9241-307) for six months ...date of purchase.
Integrated self-calibration	✓
	1x manual memory location, BT.2020, BT.709, BT.2100 HLG, AdobeRGB, DCI-P3, DCI-P3 PQ, sRGB, additional memory spaces through calibration, Sync Signal
Brightness	
Digital Uniformity Equalizer	
No flickering	✓
True Black	✓
Safe Area Marker	✓
I/P conversion	✓
HDCP Decoder	✓
Gamut warning	✓
Luminance warning	✓
Gamut Clipping	✓
	White point, Gamma, Color temp., Color saturation, Hue, Gain, Black Level, 6 Colors, ... Level Range, DCI-4K cropping, ... Custom key, OSD language, Signal Input, DUE priority
Button Guide	✓

CONNECTIONS

Signal inputs	HDMI (Deep Color, HDCP 1.4/2.3, USB-C, DisplayPort
USB specification	USB 5Gbps (USB 3)
USB downstream ports	
Network connection	
LAN standards	IEEE 802.3ab (1000BASE-T)
Graphic signal	DisplayPort (RGB, YCbCr), HDMI (RGB, YCbCr)

→ **Product Website**   → **Video Playlist**   → **Experience in AR**

Experience the CG2700S in AR now!

The ColorEdge CG2700S stands for uncompromising precision for creatives with the highest demands. The integrated calibration sensor enables fully automatic calibration of the 16-bit 3D look-up table. The True Black panel has a maximum brightness of 400 cd/m² and the pre-installed HDR presets make the CG2700S particularly suitable for the post-production of HDR video content. Their Fogra certification confirms: the CG2700S is also optimally equipped for the requirements of prepress. The numerous connections also include a USB-C port and a LAN port. This makes the CG2700S ideal for use with mobile high-performance computers, which can be conveniently connected with just a single cable. Image and data signals can then be transmitted. At the same time, the laptop can be charged with up to 92 watts. The integrated USB-C, HDMI and DisplayPort connections as well as the supplied light protection cover round off the impressive features of the CG2700S.

- ✓ 27-inch Wide Gamut LCD with 2560x1440 pixels
- ✓ Wide colour gamut with 99% AdobeRGB and 98% DCI-P3 colour space coverage
- ✓ Integrated sensor for calibration
- ✓ 400 cd/m² maximum brightness, contrast 1600:1 thanks to True Black technology
- ✓ 10-bit display, 16-bit 3D look-up table
- ✓ Digital Uniformity Equalizer for perfect luminance distribution and colour purity
- ✓ HDR targets for HDR-HLG and HDR-PQ-EOTF
- ✓ USB-C (DisplayPort signal and up to 92 Watt Power Delivery), DisplayPort and HDMI inputs
- ✓ RJ-45 LAN port, USB hub with four USB downstream ports, two of which are 5Gbps (USB 3) and two USB 2
- ✓ 5-year warranty for highest investment security