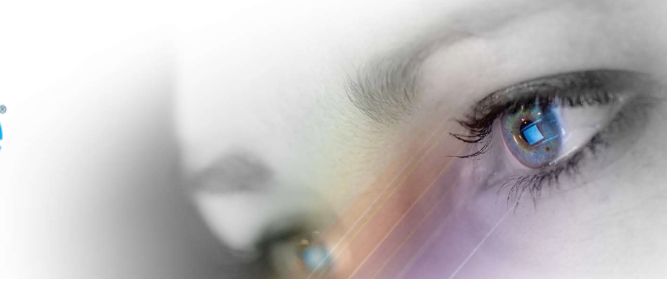


# Technical Requirements & KPI Eyesafe® Display | eyesafe



	KPI	2019 Release Requirement	2020 Release Requirement
Standards	TÜV Rheinland	Must adhere to TUV Method 1 or Method 2	<b>Must adhere to latest TUV Method and Eyesafe Requirements</b>
	ICNIRP Guidelines	Reduced spectrum in accordance to areas of concern as outlined	
	IEC 62471 Series Standard	Adherence to recommendations as outlined	
UV, Blue Light Management	No UV Light	In the wavelength range below 380nm, the product shall not emit radiation (neither UVA, UVB nor UVC)	
	Photobiological Safety	The product must meet exempt group limits as outlined in EN 62471	
	Blue Light Management (380-500nm)	In the product specifications and marketing, the meaning of low blue light content must be explained and the correctness of this claim is confirmed including blue light defined as range from 380nm-500nm	
	Toxic Blue Light Management (415-455nm)	The ratio of light in the range from 415nm-455nm compared to 400-500nm shall be less than 50%	
	User-Based Blue Light Exposure	NA (Applicable 2020 and beyond)	
Color Accuracy	Primary Colors (RGB)	RGB full color spectrum	
	Color Gamut %	Full color gamut representative of previous model display	
	Color Temperature	The CCT shall be within the range of 5500K to 7500K	