

General Specification EL Backlight

Item	Parameter	Description			
Lifetime Expectation	Brightness 15 cd/m ²	> 10.000 hours at 15 cd/m ² Note: Brightness sufficient for backlight for membrane switch.			
Brightness Remark (1) Remark (2)	Lighting colour	Brightness (cd/m ²)	CIE Colour coordinates	Operating condition	Half life time
	Blue	22.5 cd/m ²	X=0.1585; Y=0.2190	100VAC 400HZ	600hrs
	Green	53.0 cd/m ²	X=0.1947; Y=0.4670		2.000hrs
	Blue/green	51.0 cd/m ²	X=0.1958; Y=0.3691		2.000hrs
	White	25.0 cd/m ²	X=0.2908; Y=0.4116		2.000hrs
Dimensions	Lighting area	Based on final Touchtronic drawing.			
	Tolerance	Based on final Touchtronic drawing.			
FPC cable end	Contact pins	Ag with carbon ink protection.			
Connector		Based on final Touchtronic drawing.			
Materials	PET-ITO Basic Substrate	125µm or 175µm			
	Ink	EL phosphor Insulator Barium Titanate Rear electrode (Ag) Polyester Insulation layer.			
	Outline cutting Tools	Metal. Steelrule. Laser.			

* Remark 1: The values are considered as approximate.

* Remark 2: EL standard color white (on), will be pink color in the off state.