

TECHNICAL SPECIFICATION

ULTRA:LED

1. Luminaire

Heat sink material	Anodized aluminum
Optics material	PC

2. Light Source



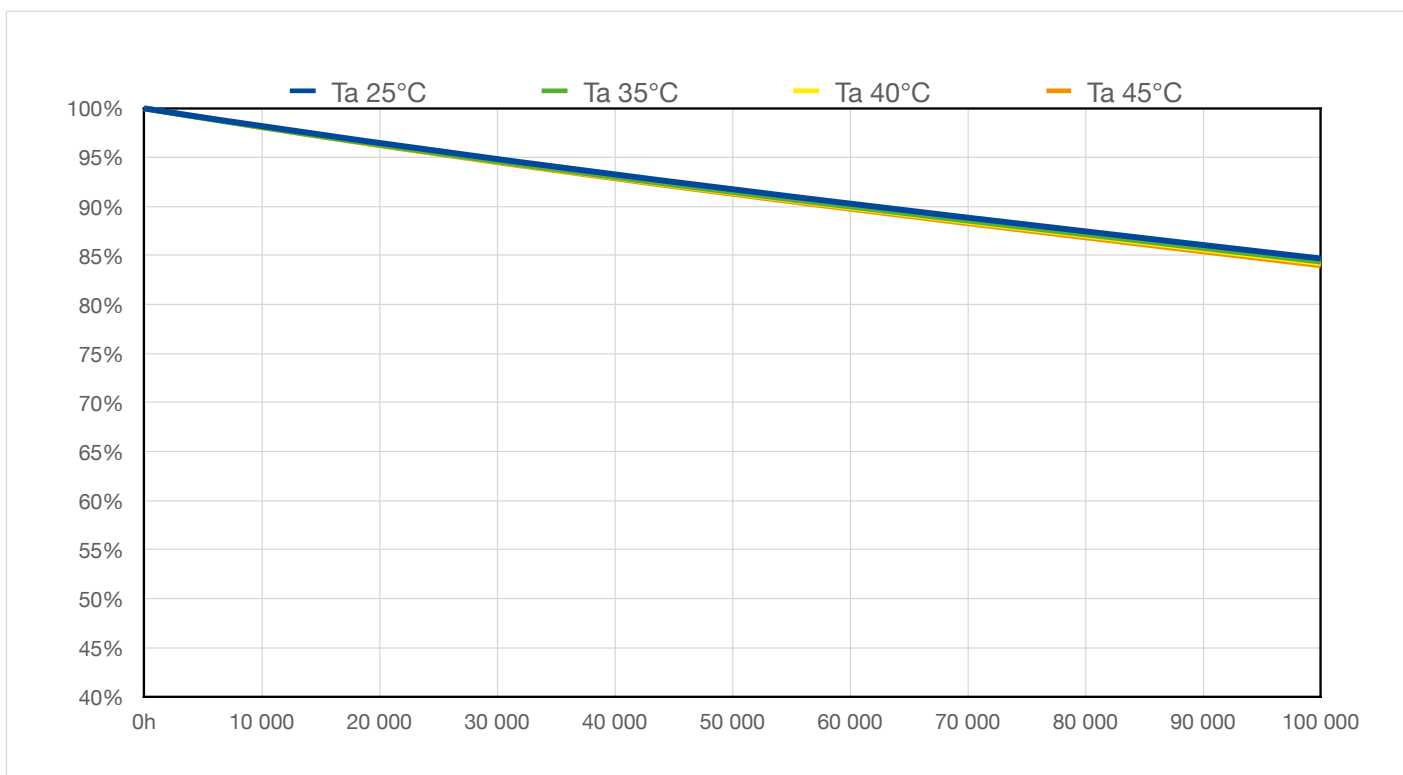
SAMSUNG LM301B

Parameter	Symbol	Value	Unit
Drive current	If	100/140	mA
Forward voltage drop	Vf	2,70 / 2,74	V
Luminous flux	Φ_v	55 / 75	lm
Intensity	Iv	17,5 / 23,8	cd
Diode efficacy	Ef	203 / 196	lm/W
Viewing angle at 50% Iv	2 \downarrow	120	°
Thermal resistance	Rth j-s	7,5	°C/W
Color rendering index	CRI	>80	Ra
Laminate	-	CEM-3	mm

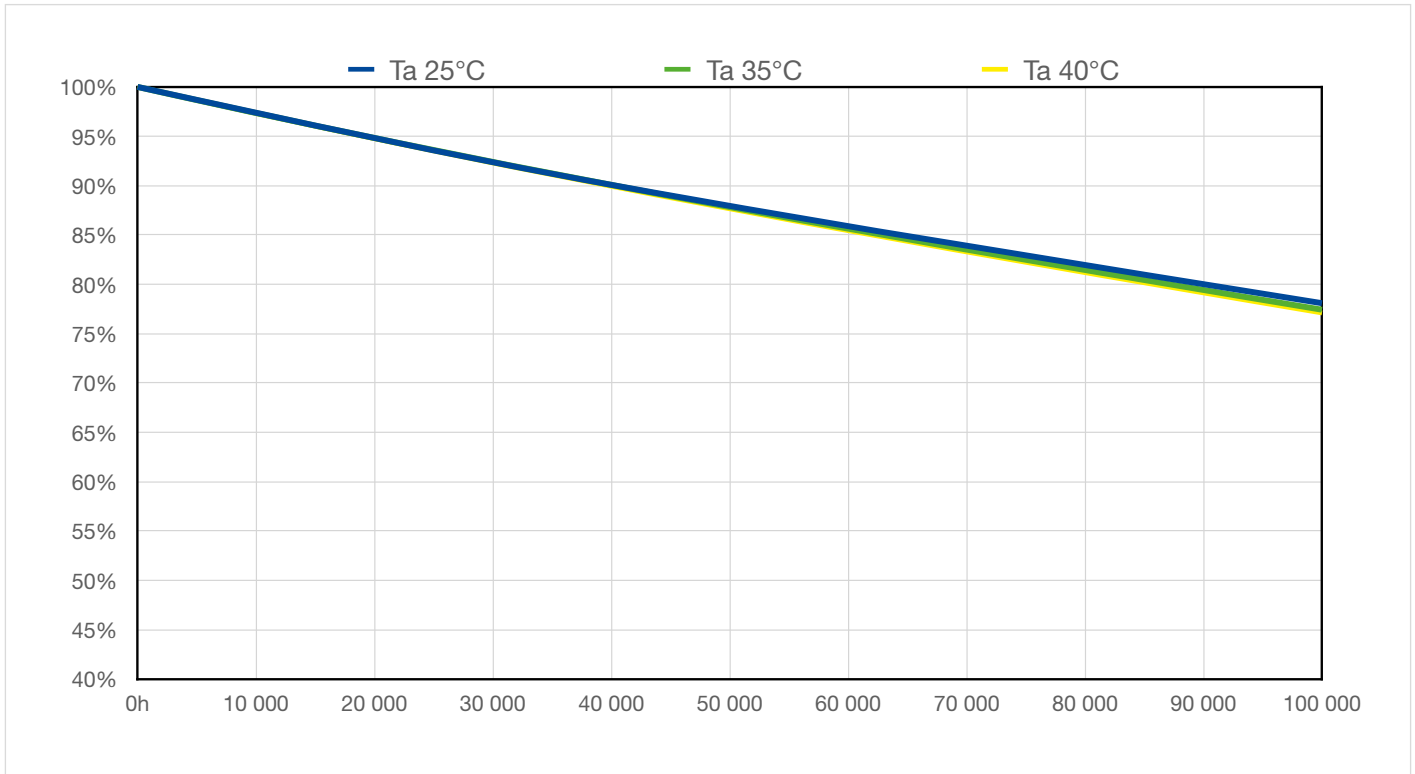
Available CCT options

3000K	$\sim Cy 0.392 \times Cx 0.434$
4000K	$\sim Cy 0.369 \times Cx 0.383$
5000K	$\sim Cy 0.345 \times Cx 0.367$

Luminous flux degradation according to IESNA LM-80B10 (hours)



Ultra I-VI



Ultra VII

3. Power supply

Parameter	Symbol	Value	Unit
Input voltage	Vf	198-264	VAC
Output voltage	Vf	128-350	VDC
Output current	If	600	mA
Efficiency		94	-