

# TECHNICAL SPECIFICATION

## SKYLIGHT:LED 4.0

### 1. Luminaire

Housing material	Powder coated aluminum
Diffuser material	Glass / PC
Optics material	PMMA

### 2. Light Source



# SAMSUNG

SAMSUNG LM301B

Parameter	Symbol	Value	Unit
Drive current	If	120 / 200 / 150 / 158 / 165 / 200	mA
Forward voltage drop	Vf	2,80 / 2,88 / 2,82/ 2,82/ 2,82/ 2,82	V
Luminous flux	$\Phi_v$	69 / 109 / 84 / 88 / 90 / 105	lm
Intensity	Iv	22 / 35 / 27 / 28 / 29 / 33	cd
Diode efficacy	Ef	205 / 190 / 198 / 196 / 195 / 187	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	-	MCPCB 1,5	mm

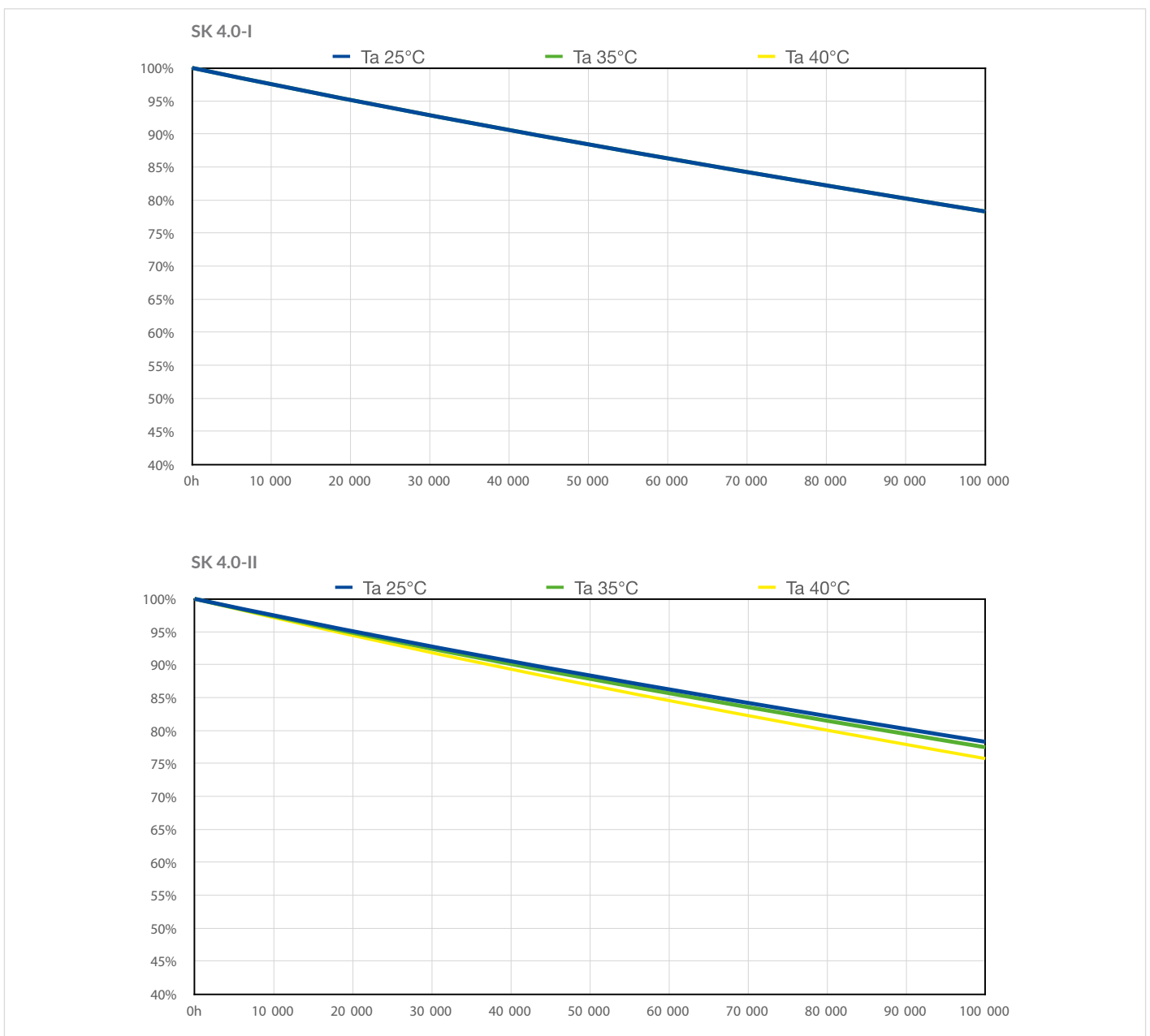
## Available CCT options

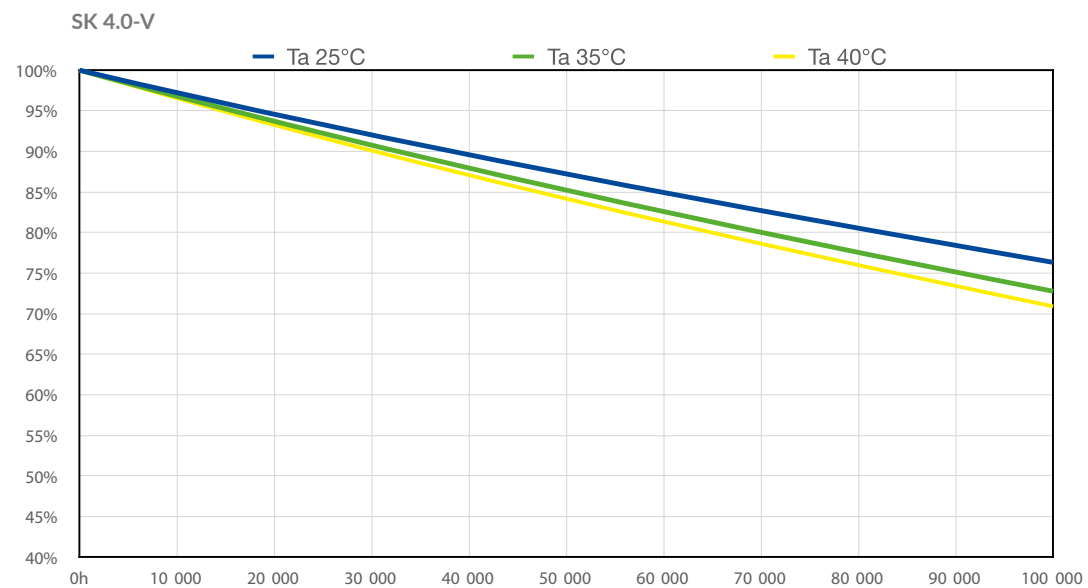
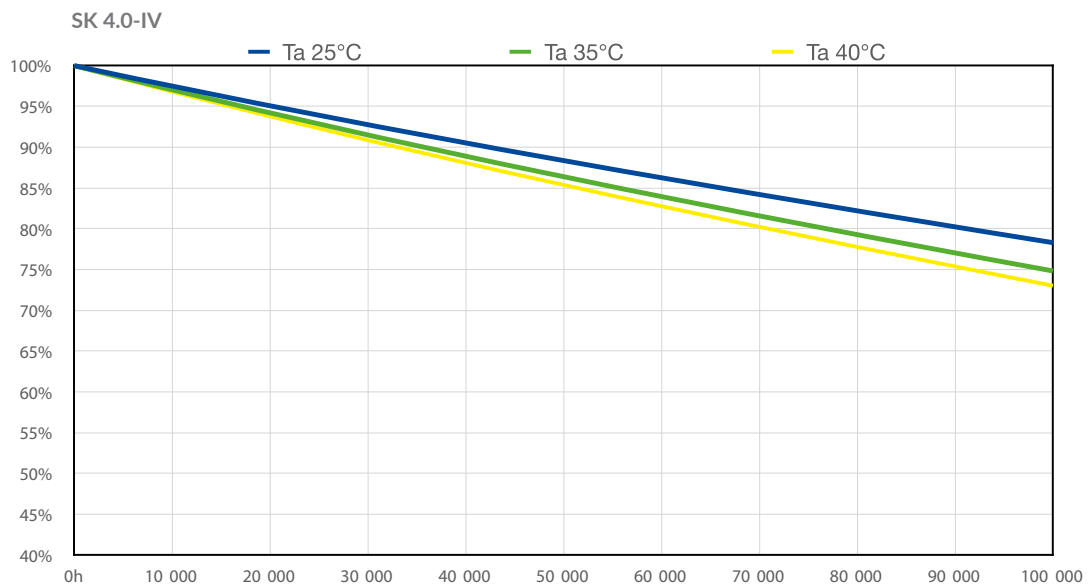
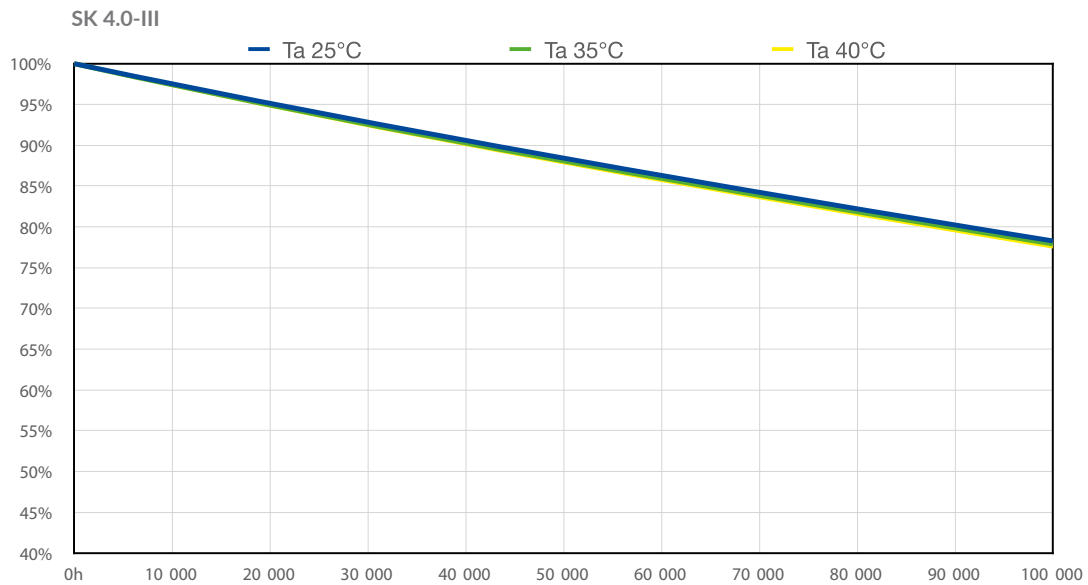
3000K	$\sim C_y 0.392 \times C_x 0.434$
4000K	$\sim C_y 0.369 \times C_x 0.383$
5000K	$\sim C_y 0.345 \times C_x 0.367$

## 3. Power supply

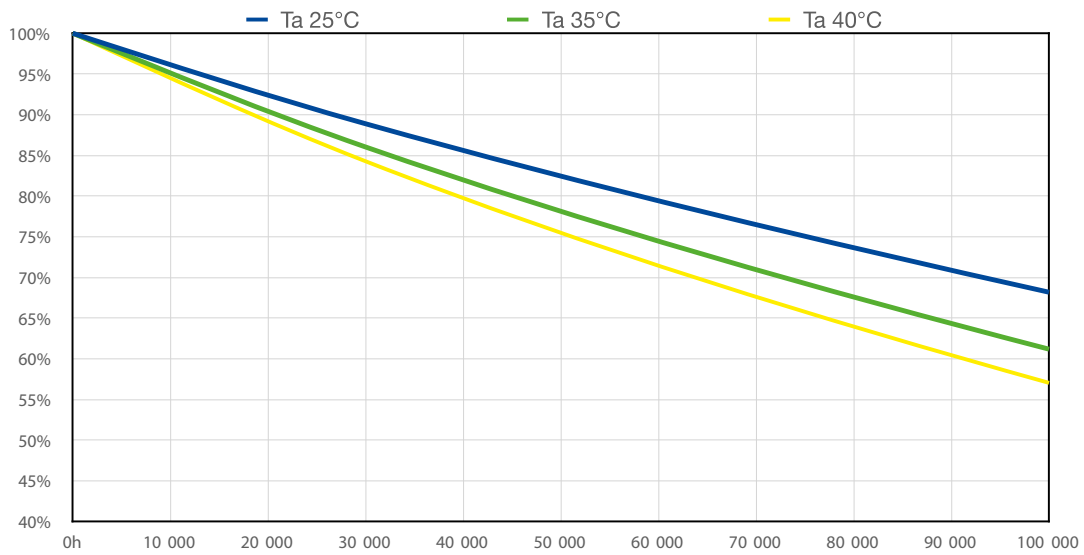
Parameter	Symbol	Value	Unit
Input voltage	Vf	198-264	VAC
Output voltage	Vf	80-350	VDC
Output current	If	120 - 660	mA
Efficiency		93	%

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

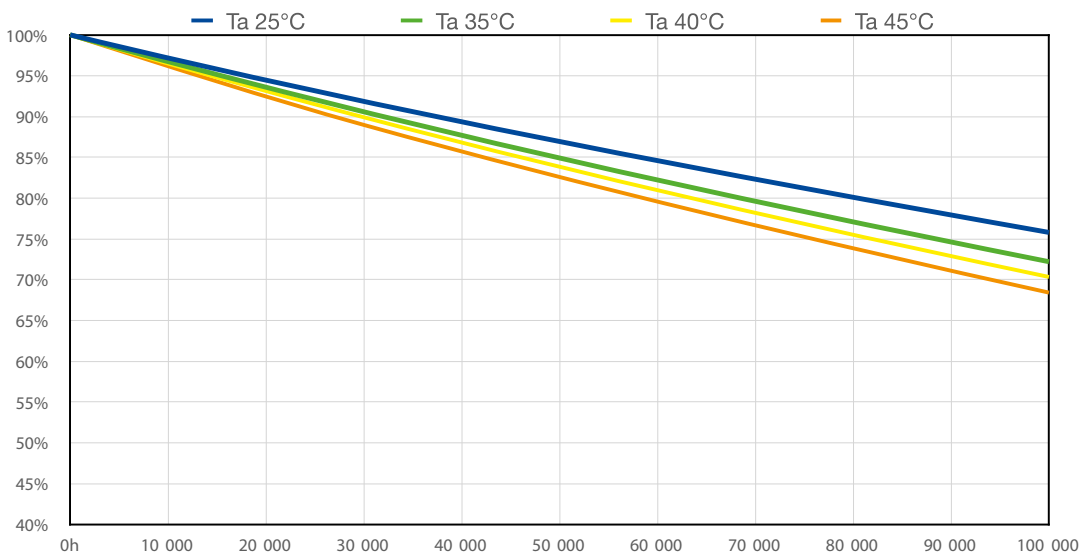




SK 4.0-VI



SK 4.0-VII



SK 4.0-VIII

