

TECHNICAL SPECIFICATION

OPRAWA:LED

1. Luminaire

Housing material	Anodized aluminum
Diffuser material	PC

2. Light Source



SAMSUNG

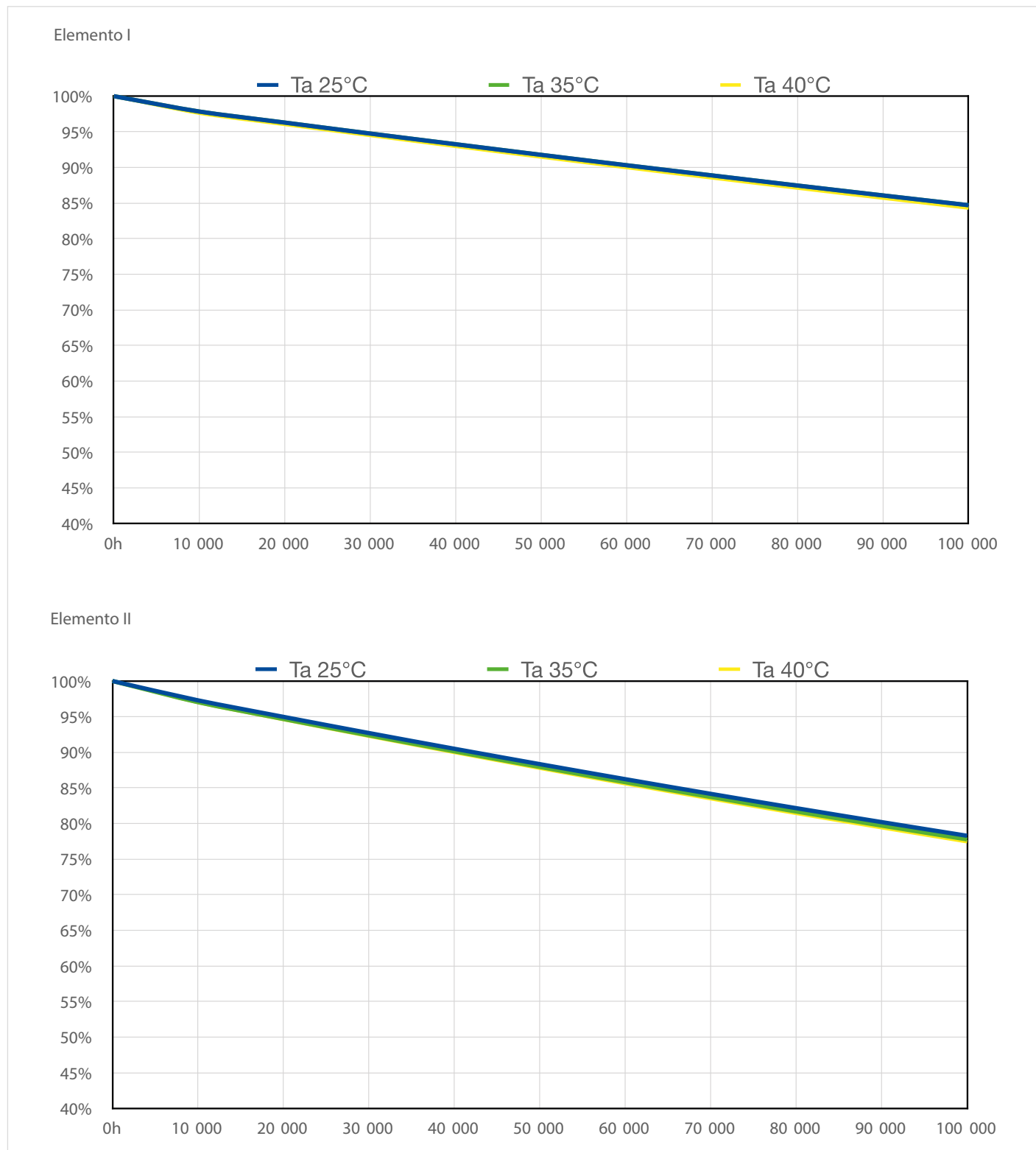
SAMSUNG LM301B

Parameter	Symbol	Value	Unit
Drive current	If	113 / 153 / 163 / 200	mA
Forward voltage drop	Vf	2,67 / 2,70 / 2,70 / 2,73	V
Luminous flux	Φ_v	71 / 88 / 104	lm
Intensity	Iv	22,6 / 28,0 / 33,1	cd
Diode efficacy	Ef	206 / 199 / 192	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

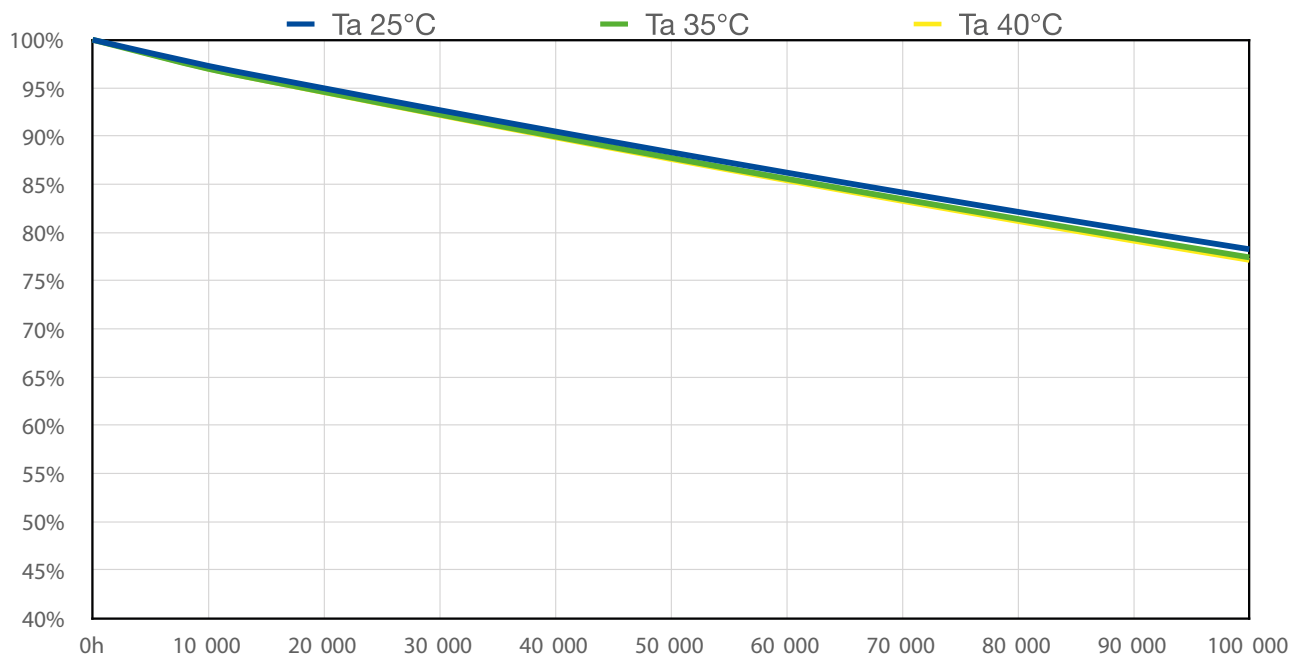
Available CCT options

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

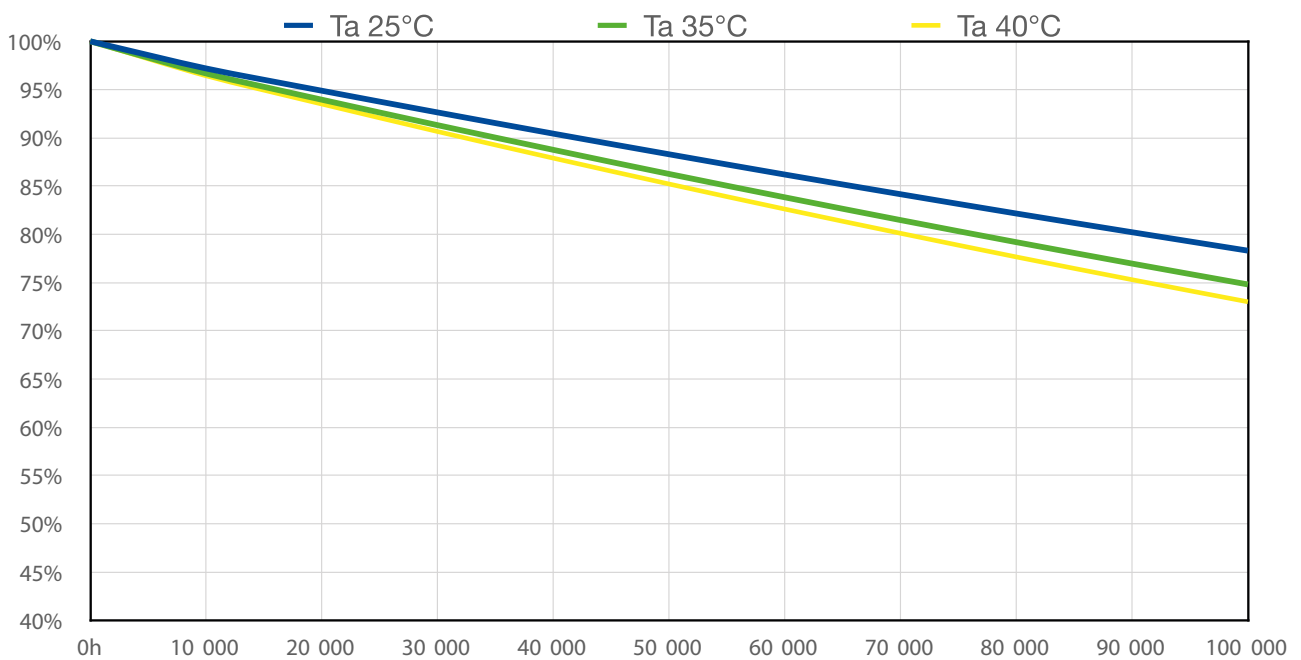
Luminous flux degradation according to IESNA LM-80B10 (hours)



Elemento III



Elemento IV



3. Power supply

Parameter	Symbol	Value	Unit
Input voltage	Vf	198-264	VAC
Output voltage	Vf	128-350	VDC
Output current	If	390 / 495 / 600	mA
Efficiency		>94	%